ABOUT PRODUCT
公司产品

MD系列斜齿轮减速电机
MDseries helical gear redactor

MJ系列螺旋锥齿轮减速电机
MJ series helical bevel gear redactor

MP系列平行轴斜齿轮减速机
MP series parallel shaft helical gear redactor

MN系列圆柱蜗杆减速机
MN series helical-worm gear mreductor

MTH/MTB系列大功率减速机
MTH/MTB series high power reductor

Z系列弧齿锥齿轮减速机
Z series bevel gear reductor

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1.1 性能特点

高度模块化设计：可以方便地配用各种型式的驱动机或采用其它动力输入。同种机型可配用多种功率的驱动机。容易实现各机型间组合联接。

传动比：细分细，范围广。组合机型可以形成很大的传动比，输出转速低。

安装形式：安装位置不受限制。

强度高、体积小：箱体采用高强度铸铁。齿轮及齿轮轴采用气体渗碳淬火，精磨工艺，因而单位体积承载能力高。

使用寿命长：在正确选型和正常使用维护的条件下，减速机（除易损件外）的主要零部件寿命一般不低于25000小时。易损件包括润滑油、油封以及轴承。

噪声低：减速机主要零部件都经过精密加工，并经过精心组装和调试，因而减速机噪声较低。

效率高：齿轮减速机效率可达96%。

1.2 使用场所条件

适合在环境温度-10℃到+40℃条件下运行，海拔高度不超过1000米。

输入转速不大于1800rpm，齿轮圆周 圆周速度不超过22m/s。

可用于正反转。

无行业限制。

在其它条件下使用时请与我公司技术部联系。

1.1 Performance features

Highly Standard Modular Designed: The products are easily connected with and driven by different types of motors or other kinds of input power. The same type geared motor can be adapted to optioned powers of motors. It is therefore easy to realize different solutions for varied requirements.

Ratio: Featured many closely divided ratios and wide range of them. Very big final ratios can be obtained through combined unites to reach extremely low output speeds.

Mounting Arrangement: No strict limitation to the mounting arrangement.

High Strength, Compact Dimension: Housings are made of high strength cast iron. Gears and shaft gears are finished with gas carburising process and precise grounding to sequentially get high loading capacity of per certain volume.

Long Service Life: Under the condition of accurately selecting type size and the normal maintenance and use, main components (except those easily-disabled parts) can last as long as up to more than 25,000 hours. Easily-disabled parts include lubricating oil, oil seals, and bearings.

Low Noise: All key components are finished by precisely machining, accurate assembly, and finally tested, and therefore, fairly low noise is reached.

High Efficiency: The efficiency of gear unit can reach 96%.

1.2 Using location conditions

Suitable for the operation sites in the ambient temperatures from-10°C to 40°C ,and altitudes up to 1000m above the sea lever.
The input rotational speed should not exceed 1,800r/m. The circumferential speed of the gear should not exceed 22m/s.

Suitable for normal-reverse rotation.

Without industry limitation.

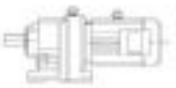
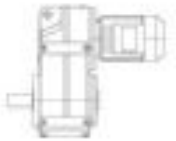
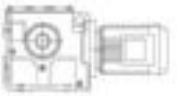
Please consult our technical supporting department for other circumstance

1.3 选型指南

1) 减速机系列的选择
用户根据传动布置形式确定系列（我公司提供以下几种方案供选择）：

1.3 Guide to model selection

1) Selection of speed reducer series
Users can determine the series according to the allocation form of transmission
(Our company can offer several plans for selection as follows)

MD系列斜齿轮硬齿面减速机 输入轴与输出轴同轴。 安装形式：底脚安装、法兰安装	**MD series bevel gear hard gear face speed reducer** Input shaft and output shaft are coaxial. Installation form: foot installation and flange installation	
MP系列平行轴斜齿轮减速机 输入轴与输出轴平行。 安装形式：底脚安装、空心轴安装、法兰安装、底脚空心轴安装、法兰空心轴安装、锁紧盘安装。	**MP series parallel shaft bevel gear speed reducer** Input shaft and output shaft are parallel. Installation form: foot installation, hollow shaft installation, flange installation, foot and hollow shaft installation, flange and hollow shaft installation, locking disc inst allation.	
MJ系列弧齿锥齿轮减速机 输入轴与输出轴垂直，传动效率高，配备功率大，最小传动比小。 安装形式：底脚安装、空心轴安装、法兰安装、底脚空心轴安装、法兰空心轴安装、锁紧盘安装。	**MJ series spiral bevel gear speed reducer** Input shaft and output shaft are vertical, transmission efficiency is higher than that of MN series, power is higher than that of MN series, and minimum transmission ratio is lower than that of MN series. Installation form: foot installation, hollow shaft installation, flange installation, foot and hollow shaft installation, flange and hollow shaft installation, locking disc installation.	
MN系列圆柱蜗杆减速机 传动效率较低，配备功率最大至 22 KW，最小传动比在9左右。 安装形式：底脚安装、空心轴安装、法兰安装、法兰空心轴安装、锁紧盘安装。	**MN series cylindrical worm speed reducer** Low transmission efficiency, power is up to 22 KW, and minimum transmission ratio is about 9 . Installation form: foot installation, hollow shaft installation, flange installation, flange and hollow shaft installation, locking disc installation .	

2) 减速机型号的选择

恒功率选型

电动机与减速机直联或通过联轴器联接
在恒功率选型参数表中找到相应的电动机功率、极数。
在此功率极数下，初步选择一个具有接近传动比的机型，
并记录下其使用系数 fb。
计算总工况系数 fa

fa = f1 x f2 x f3
f1:工作机械低工况使用系数（P005页，表1）
f2:启动系数（根据每小时启动次数参照P006页，表2）
f3:环境温度系数（P006页，表3)在选用MN系列需要考虑

比较 fb 与 fa，需满足条件：fb ≥ fa

恒扭矩选型

确定许用扭矩：
许用扭矩 ≥ 工作扭矩 x 总工况系数（fa）
在恒扭矩选型参数表查找相应的许用扭矩和传动比。

输入轴型选型

确定许用扭矩：
许用扭矩 ≥ 工作扭矩 x 总工况系数（fa）
在输入轴型选型参数表查找相应的许用扭矩和传动比。

3) 输出端所径向载荷及轴向载荷，请与我公司技术部联系。

4) 安装条件检验

1.把所选机型的结构尺寸和可利用空间的尺寸作比较，减速机必须留出足够的径向和轴向空间，防止空气进入和妨碍制动器的维护工作。

2) Model selection of speed reducer

Model selection of constant power

The motor and speed reducer can be directly coupled or connected by coupler.
Find the corresponding motor power and pole number in the model selection parameter form of constant power.
Under the power and pole number, first select a model with approximate transmission ratio and record the using coefficient fb.
Calculation of total working condition coefficient fa

fa = f1 x f2 x f3
f1: minimum working condition coefficient o f working machine (Table 1 on Page P006)
f2: starting coefficient (refer to Table 2 on Page P006 according to starting times per hour)
f3: Ambient temperature coefficient (Table 3 on Page P006) it should be taken into consideration when selecting Mn series
Compare fb and fa. Have to satisfy the condition fb ≥ fa

Model selection of constant torque

Confirming the permissible torque (Ma max):
Permissible torque > working torque x total working condition coefficient (fa)
Find the corresponding permissible torque (Ma max) and transmission ratio in the constant torque model selection parameter form.

Input shaft type

Confirming the permissible torque (Ma max):
Permissible torque ≥ working torque x total working condition coefficient (fa)
Find the corresponding permissible torque (Ma max) and transmission ratio in the constant torque model selection parameter form.

3) For the radial load and axial load at the output end, please contact the technology department of our company.

4) Test of installation conditions

1.Comparing the structural dimensions of the selected model with the dimensions of available space, enough radial and axial space must be set aside for the reducer to prevent air from entering and obstructing the maintenance of the brake.

2.扭机不提供固定安装用连接螺栓，为可靠固定安装减速机，须用8.8级以上强度的螺栓连接地脚或法兰。

3.有特殊需要时，可加文字说明。

1.4 出厂与贮存

1)除非特殊说明，部分减速机出厂时不带润滑油。在试车前确保按说明书加好润滑油。如果安装方式与订货时的安装方式不一致，请按新安装方式调整减速机的油量及通气塞的位置。

2)减速机的标准油漆为桉树灰灰色油漆，其他特殊油漆要求请在订货时说明。

3)减速机的贮存期限不超过6个月，对于需要长期贮存的请与我公司联系。

2.Connection bolts for fixed installation are not provided at random. For reliable installation of reducer, the grounding or flange must be fixed with bolts of grade 8.8 or above strength.

3.When there is special need, add text description.

1.4 Delivery and Storage

1) Unless otherwise specified, some reducers are not lubricated when they leave the factory. Make sure to add the lubricating oil according to the instruction before the test run. If the installation method is not consistent with the installation method at the time of ordering, please adjust the oil quantity of the reducer and the position of the air plug according to the new installation method.

2) The standard paint of the reducer is the eucalyptus grey paint. Please specify other special paint requirements when ordering.

3) The storage period of the reducer shall not exceed 6 months. For those who need long-term storage, please contact our company.

1.5 工况系数、启动系数、环境温度系数

表1 工况系数 f_1

工作机		日带载运行时间（小时）≤0.5	>0.5~10	>10	工作机		日带载运行时间（小时）≤0.5	>0.5~10	>10
污水处理	浓缩器	-	-	1.2	起重机械	回转机构*	1	1.4	1.8
污水处理	压滤器	1	1.3	1.5	起重机械	俯仰机构	1	1.4	1.8
污水处理	絮凝器	0.8	1	1.3	起重机械	行走机构	1.5	1.75	2
污水处理	曝气机	-	1.8	2	起重机械	提升机构	1	1.1	1.4
污水处理	搂集设备	1	1.2	1.3	起重机械	转臂式起重机	1	1.2	1.6
污水处理	纵向、回转组合搂集装置	1	1.3	1.5	化学工业	挤压机	-	-	1.6
污水处理	预浓缩器	-	1.1	1.3	化学工业	揉面机	-	1.8	1.8
污水处理	螺杆泵	-	1.3	1.5	化学工业	橡胶砑光机	-	1.5	1.5
污水处理	水轮机	-	-	2	化学工业	冷却圆筒	-	1.3	1.4
污水处理	离心泵	1	1.2	1.3	化学工业	混料机，用于均匀介质	1	1.3	1.4
污水处理	1个活塞容积式泵	1.3	1.4	1.8	化学工业	混料机，用于非均匀介质	1.4	1.6	1.7
污水处理	>1个活塞容积式泵	1.2	1.4	1.5	化学工业	搅拌机，用于密度均匀介质	1	1.3	1.5
挖泥机	斗式运输机	/	1.6	1.6	化学工业	搅拌机，用于非密度均匀介质	1.2	1.4	1.6
挖泥机	倾卸装置	/	1.3	1.5	化学工业	烘炉	1	1.3	1.5
挖泥机	行走机构*	1.2	1.6	1.8	化学工业	离心机	1	1.2	1.3
挖泥机	斗轮式挖掘机：用于拾取	/	1.7	1.7	风机类	冷却塔风扇	-	-	2
挖泥机	斗轮式挖掘机：用于粗料	/	2.2	2.2	风机类	风机（轴流和离心式）	-	1.4	1.5
挖泥机	切割机	/	2.2	2.2	蔗糖生产	甘蔗切碎机	-	-	1.7
钢铁工业	拉丝机	1.25	1.5	1.75	蔗糖生产	甘蔗碾磨机	-	-	1.7
钢铁工业	绕线机	1	1.25	1.5	甜菜糖生产	甜菜浸渍机	-	-	1.2
钢铁工业	集中驱动辊道（无反转）	1.25	1.5	1.75	甜菜糖生产	榨取机，机械制冷机，蒸煮机	-	-	1.4
钢铁工业	单独驱动辊道（无反转）	1.5	1.75	2	甜菜糖生产	甜菜清洗机	-	-	1.5
钢铁工业	集中驱动辊道（有反转）	1.75	2.25	2.5	甜菜糖生产	甜菜切碎机	-	-	1.5
钢铁工业	单独驱动辊道（有反转）	2	2.25	2.75	索道缆车	运货索道	-	1.3	1.4
纺织工业	织机	1.25	1.5	1.75	索道缆车	往返系统空中索道	-	1.6	1.8
纺织工业	纺纱机	1	1.25	1.5	索道缆车	T型杆升降机	-	1.3	1.4
纺织工业	洗涤机	1	1.25	1.5	索道缆车	连续索道	-	1.4	1.6
输送机械	斗式输送机	-	1.2	1.5	水泥工业	混凝土搅拌机	-	1.5	1.5
输送机械	绞车	1.4	1.6	1.6	水泥工业	破碎机*	-	1.2	1.4
输送机械	卷扬机	-	1.5	1.8	水泥工业	回转窑	-	-	2
输送机械	皮带输送机≤150KW	1	1.2	1.3	水泥工业	管式磨机	-	-	2
输送机械	皮带输送机>150KW	1.1	1.3	1.4	水泥工业	选粉机	-	1.6	1.6
输送机械	货用电梯*	-	1.2	1.5	水泥工业	辊压机	-	-	2
输送机械	客用电梯*	-	1.5	1.8	造纸机械	各种类型	-	1.8	2
输送机械	裙板输送机	-	1.2	1.5	造纸机械	碎浆机驱动装置	-	2	2.25
输送机械	自动扶梯	-	1.2	1.4	压缩机	往复式压缩机	-	1.8	1.9
输送机械	轨道行走机构	-	1.5	-	压缩机	离心式压缩机	-	1.4	1.5

工作机额定功率P2的确定： *)依据最大扭矩确定额定功率

表2 启动系数 f_2

启动次数/小时 \ 日带载运行时间	≤0.5h	0.5-10h	>10h
<10	1.00	1.00	1
<100	1.15	1.25	1.4
<500	1.25	1.40	1.7

表3 环境温度系数 f_3

环境温度	10℃	20℃	30℃	40℃	50℃
环境温度系数f_3	0.88	1.00	1.15	1.35	1.65

1.5 Working condition coefficient, starting coefficient, ambient temperature coefficient

Table 1 Service Factor f_1

Driven machines		Daily operating time (hour) ≤0.5	>0.5~10	>10	Driven machines		Daily operating time (hour) ≤0.5	>0.5~10	>10
Waste water-treatment	Thickeners	-	-	1.2	Cranes	Slewing gears	1	1.4	1.8
Waste water-treatment	Filter presses	1	1.3	1.5	Cranes	Luffing gears	1	1.4	1.8
Waste water-treatment	Flocculation apparata	0.8	1	1.3	Cranes	Travelling gears	1.5	1.75	2
Waste water-treatment	Aerators	-	1.8	2	Cranes	Hoisting gears	1	1.1	1.4
Waste water-treatment	Raking equipment	1	1.2	1.3	Cranes	Derricking jib-cranes	1	1.2	1.6
Waste water-treatment	Combined longitudinal and rotary rakes	1	1.3	1.5	Chemical industry	Extruders	-	-	1.6
Waste water-treatment	Pre-thickeners	-	1.1	1.3	Chemical industry	Dough mills	-	1.8	1.8
Waste water-treatment	Screw pumps	-	1.3	1.5	Chemical industry	Rubber calenders	-	1.5	1.5
Waste water-treatment	Water turbines	-	-	2	Chemical industry	Cooling drums	-	1.3	1.4
Waste water-treatment	Centrifugal pumps	1	1.2	1.3	Chemical industry	Mixers for uniform media	1	1.3	1.4
Waste water-treatment	1 piston volume type pump	1.3	1.4	1.8	Chemical industry	Mixers for non-uniform media	1.4	1.6	1.7
Waste water-treatment	If more than 1 piston volume type pump	1.2	1.4	1.5	Chemical industry	Blenders, for medium of homogeneous density	1	1.3	1.5
Dredgers	Bucket conveyors	/	1.6	1.6	Chemical industry	Blenders, for medium of inhomogeneous density	1.2	1.4	1.6
Dredgers	Dumping devices	/	1.3	1.5	Chemical industry	Baking oven	1	1.3	1.5
Dredgers	Caterpillar	1.2	1.6	1.8	Chemical industry	Centrifugal machine	1	1.2	1.3
Dredgers	Bucket wheel excavators as pick-up	/	1.7	1.7	Fan	Cooling tower fan	-	-	2
Dredgers	Bucket wheel excavators for primitive material	/	2.2	2.2	Fan	Fan (axial flow and centrifugal type)	-	1.4	1.5
Dredgers	Cutter heads	/	2.2	2.2	Cane sugar	Cane knives	-	-	1.7
Steel industry	Wire drawing machine	1.25	1.5	1.75	Cane sugar	Cane mills	-	-	1.7
Steel industry	Reeling machine	1	1.25	1.5	Beet sugar production	Beet cossettes macerators	-	-	1.2
Steel industry	Centralized driving channel (without reversal rotation)	1.25	1.5	1.75	Beet sugar production	Extraction plants, mechanical refrigerators, juice boilers	-	-	1.4
Steel industry	Individual driving channel (without reversal rotation)	1.5	1.75	2	Beet sugar production	Sugar beet washing machines	-	-	1.5
Steel industry	Centralized driving channel (with reversal rotation)	1.75	2.25	2.5	Beet sugar production	Sugar beet cutters	-	-	1.5
Steel industry	Individual driving channel (with reversal rotation)	2	2.25	2.75	Cableways	Material ropeways	-	1.3	1.4
Textile industry	Loom	1.25	1.5	1.75	Cableways	To-and-fro system aerial ropeways	-	1.6	1.8
Textile industry	Spinning machine	1	1.25	1.5	Cableways	T-bar lifts	-	1.3	1.4
Textile industry	Washing machine	1	1.25	1.5	Cableways	Continuous ropeways	-	1.4	1.6
Conveyors	Bucket conveyors	-	1.2	1.5	Cement industry	Concrete mixers	-	1.5	1.5
Conveyors	Hauling winches	1.4	1.6	1.6	Cement industry	Breakers*	-	1.2	1.4
Conveyors	Hoists	-	1.5	1.8	Cement industry	Rotary kilns	-	-	2
Conveyors	Belt conveyors≤150kw	1	1.2	1.3	Cement industry	Tube mills	-	-	2
Conveyors	Belt conveyors>151 kw	1.1	1.3	1.4	Cement industry	Separators	-	1.6	1.6
Conveyors	Goods lifts*	-	1.2	1.5	Cement industry	Roll crushers	-	-	2
Conveyors	Passenger lifts*	-	1.5	1.8	Paper machines	Of all kind	-	1.8	2
Conveyors	Apron conveyors	-	1.2	1.5	Paper machines	Pulper drives	-	2	2.25
Conveyors	Escalators	-	1.2	1.4	Compressor	Reciprocating compressor	-	1.8	1.9
Conveyors	Rail travelling gears	-	1.5	-	Compressor	Centrifugal compressor	-	1.4	1.5

Design for power rating of driven machine P2: *) Designed power corresponding to max. torque

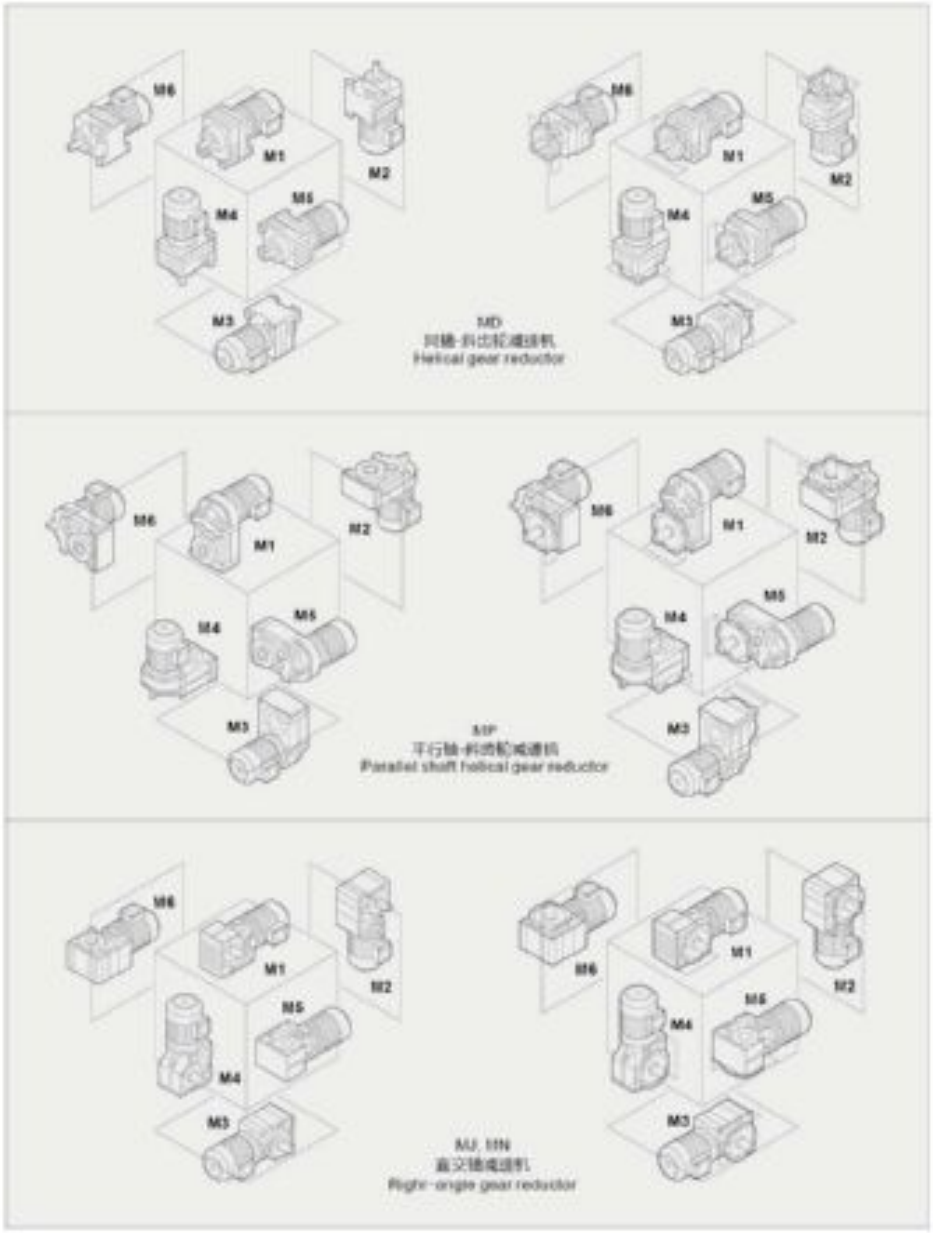
Table2 Starting coefficient f_2

Starting time/hour \ Daily operating time	≤0.5h	0.5-10h	>10h
<10	1.00	1.00	1
<100	1.15	1.25	1.4
<500	1.25	1.40	1.7

Table3 Thermal factor f_3

Ambient temperature	10℃	20℃	30℃	40℃	50℃
Thermal factor f_3	0.88	1.00	1.15	1.35	1.65

1.6 安装位置图 Installation position figure



1.7 MN、MJ系列减速机胀紧盘安装位置说明

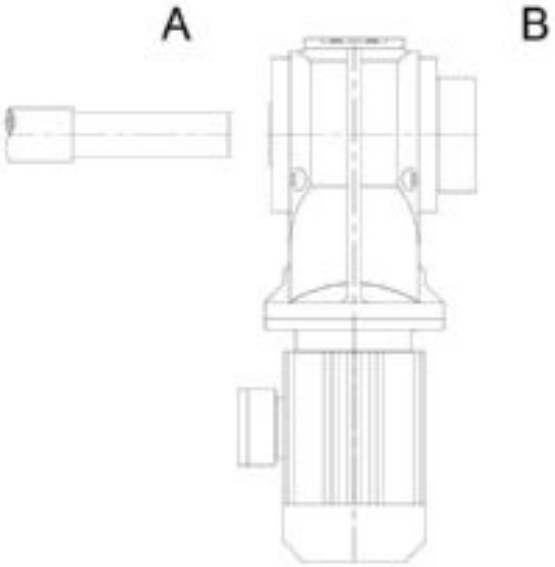
MJ、MN系列减速机的MJH.、MNH.结构形式必须标明胀紧盘输出端位置（即设备轴插入的方向）。

如下图：输出端位置在A面

1.7 Description to installation position of expansion plate of MN, MJ series speed reducer

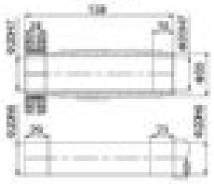
For structural forms MJH., MNH., of MJ, MN series speed reducers, the position of output end of expansion plate must be indicated (i.e., insertion direction of equipment shaft).

As shown in the following figure:
The output end is at Side A.

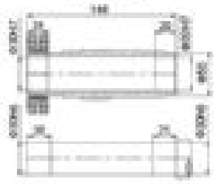


1.8 MN、MP、MJ系列胀紧盘尺寸图 Size figure of expansion plate of MN,MP,MJ series

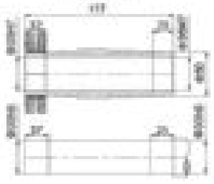
MNH..39



MNH..49

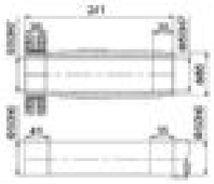


MNH..59

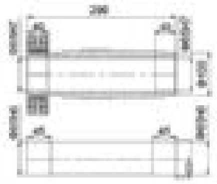


MNH..69

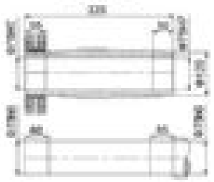
MNH..79



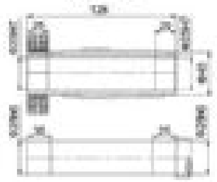
MNH..89



MNH..99

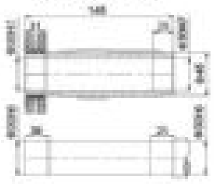


MPH..29



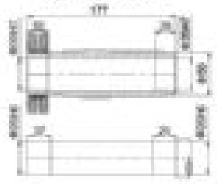
最大配置
电机机座号：71
Base No. of maximum motor allocated for :71

MJH..39/MPH..39



MP系列最大配置
电机机座号：80
Base No. of maximum motor allocated for MP series :80

MJH..49/MPH..49

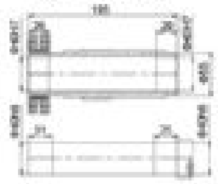


MP系列最大配置
电机机座号：90
Base No. of maximum motor allocated for MP series :90

注：1.MN、MP、MJ系列带胀紧盘型减速机除输出轴不同外，其余与带平键空心轴标准产品。

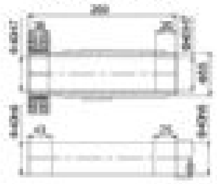
Note:1.Except the output shafts are different,MN,MP,MJ series speed reducers with expansion plate are same as flat key hollow shaft standard products.

MJH..59/MPH..59



MP系列最大配置
电机机座号：100
Base No. of maximum motor allocated for MP series :100

MJH..69/MPH..69

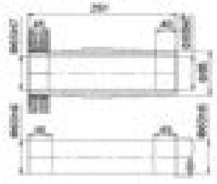


MP系列最大配置
电机机座号：112
Base No. of maximum motor allocated for MP series :112

MJH..79/MPH..79

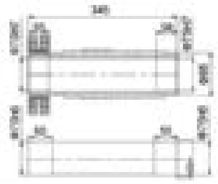
MP系列最大配置
电机机座号：132
Base No. of maximum motor allocated for MP series :132

MJH..89/MPH..89

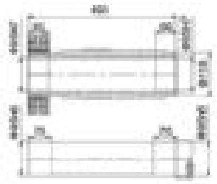


MP系列最大配置
电机机座号：160
Base No. of maximum motor allocated for MP series :160

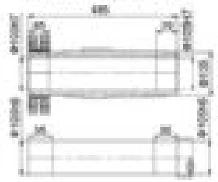
MJH..99/MPH..99



MJH..109/MPH..109

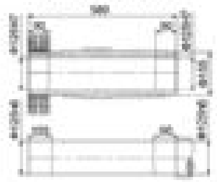


MJH..129/MPH..129



MP系列最大配置
电机机座号：280
Base No. of maximum motor allocated for MP series :280

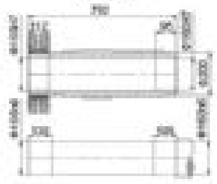
MJH..159/MPH..159



MP系列最大配置
电机机座号：280
Base No. of maximum motor allocated for MP series :280

MJH..169/MPH..169

MJH..189



注：1.MN、MP、MJ系列带胀紧盘型减速机除输出轴不同外，其余与带平键空心轴标准产品。

Note:1.Except the output shafts are different,MN,MP,MJ series speed reducers with expansion plate are same as flat key hollow shaft standard products.

1.9 MD、MJ、MP、MN系列减速机联接法兰重量表(kg)

Coupling flange weight form of MD, MJ, MP, MN series speed reducer

减速机型号 Reducer type					电机机座号 Motor frame size											
MDX	MN	MP	MJ	MD	63	71	80	90	100	112	132	160	180	200	225	250	280
				19													
		29		29													
	39	39	39	39	3	4	6	6	10								
	49	49															
	59																
			49	49													
59		59	59	59	3	3	5	5	10	10	17						
69	69	69	69	69													
79	79	79	79	79	5	5	7	7	12	12	19	37					
89	89	89	89	89			9	9	14	14	22	38	38				
99	99	99	99	99					17	17	22	42	42	58			
109		109	109	109					23	23	23	43	43	58	65		
				139							30	50	50	65	70		
		129	129	149							43	57	57	72	78	108	108
		159	159														
		169	169	169								63	63	83	93	113	113
			189	179													

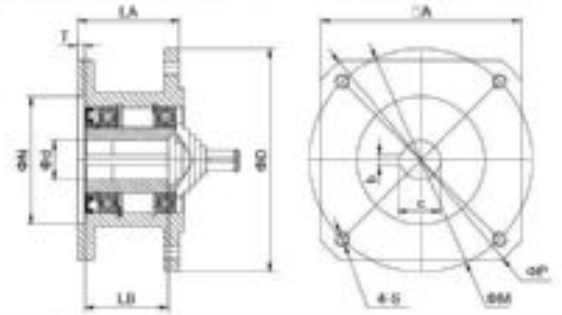
1.10 MD、MJ、MP、MN系列减速机输入轴型输入部分重量表(kg)

Weight form of input part of input shaft type of MD, MJ, MP, MN series speed reducer(kg)

减速机型号 Reducer type												
MDX	MN	MP	MJ	MD	AD1	AD2	AD3	AD4	AD5	AD6	AD7	AD8
				19								
		29		29	3	4						
	39	39	39	39								
	49	49										
	59											
			49	49								
59		59	59	59		4	7					
69	69	69	69	69								
79	79	79	79	79		6	8	14				
89	89	89	89	89		7	11	16	31			
99	99	99	99	99			12	17	32	47		
109		109	109	109			18	23	33	43		
				139				30	45	45	55	
		129	129	149				37	52	62	62	72
		159	159									
		169	169	169					62	82	72	92
			189	179								

1.11 常用伺服电机联接法兰尺寸

Flange dimension of common servo motor connection



机型号 Type				联接法兰尺寸（mm） Flange dimension (mm)											
MN	MP	MJ	MD	D	LA	A	P	M	N	T	S	d	b	c	LB
			19	Φ120	100	□130	Φ170	Φ145	Φ110H7	7	M8	Φ22E8	8	25.3	50
	29		29												
39	39	39	39		132	□180	Φ230	Φ200	Φ114.3H7	5	M12	Φ35E8	10	38.3	75
49	49														
59															
		49	49	Φ160	72	□130	Φ170	Φ145	Φ110H7	7	M8	Φ22E8	8	25.3	50
	59	59	59												
69	69	69	69		94	□180	Φ230	Φ200	Φ114.3H7	5	M12	Φ35E8	10	38.3	75
79	79	79	79	Φ200	75	□130	Φ170	Φ145	Φ110H7	7	M8	Φ22E8	8	25.3	50
					91.5	□180	Φ230	Φ200	Φ114.3H7	5	M12	Φ35E8	10	38.3	75
					129	□180	Φ230	Φ200	Φ114.3H7	5	M12	Φ42E8	12	45.3	110
89	89	89	89	Φ250	66	□130	Φ170	Φ145	Φ110H7	7	M8	Φ22E8	8	25.3	50
					84	□180	Φ230	Φ200	Φ114.3H7	5	M12	Φ35E8	10	38.3	75
					123	□180	Φ230	Φ200	Φ114.3H7	5	M12	Φ42E8	12	45.3	110

MD SERIES

HELICAL GEAR REDUCTOR

MD系列斜齿硬齿面减速机

2.1 MD系列结构型式说明 Description to structural form of MD series

1) MD 型
底脚安装三级或二级斜齿轮减速机

Model MD
Three-stage or two-stage foot-mounted helical gear reductor

2) MDF 型
法兰安装三级或二级斜齿轮减速机

Model MDF
Three-stage or two-stage flange-mounted helical gear reductor

3) MDM 型
法兰安装带加长轴承箱三级或二级斜齿轮减速机

Model MDM
Three-stage or two-stage flange-mounted helical gear reductor with extended bearing hub

4) MDX 型
底脚安装单级斜齿轮减速机

Model MDX
Single-stage foot-mounted helical gear reductor

5) MDXF 型
法兰安装单级斜齿轮减速机

Model MDXF
Single-stage flange-mounted helical gear reductor

组合型
MD..MD型（..代表以上所有结构形式）
MD系列与MD系列组合减速机

Combined type
MD..MD model (representing all the above structural forms)
MD series and MD series combined speed reducer

输入部分配置
Input allocation

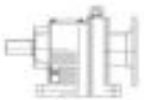
Y

电机直联型（标准配置）
Motor direct connecting type
（stand configuration）

AD

输入轴型
Input shaft type

AM1



联轴法兰型
Coupling flange type

2.2 MD系列型号表示方法 Model expression way of MD series

输入轴型 Input-shaft style	MD	F	79	MD	39		- AD1 -		276 - M1 - Φ300		
输入轴型号 Input shaft model											
普通机型 Ordinary machine model	MD	F	79	MD	39 - Y	0.55 - 4P - 180° - 1 - AM1 - 276 - M1 - Φ300					

减速机类型 Gear units type

结构型式 Structure

机型号 Type

组合减速机（单机型省略） Combined speed reducer (omitted for single machine)

组合减速机机型号（单机型省略） Model of combined speed reducer (omitted for single machine)

电机类型 Motor types

电机功率 Motor power

电机极数 Motor pole

接线盒角度 Angle of wiring box

进线口位置（默认位置X省略） Wire inlet position (default position X omitted)

联接法兰（标准配置省略） Coupling flange (Omitted if it is standard specification)

传动比 Ratio

安装形式 Mounting position

输出法兰外径（不带法兰时省略） Outputs shaft, expansion plate output end or flange direction

减速机类型：MD斜齿轮减速机	Gear unit type:MD Helical gear reducer
结构型式 （见P014页） 普通轴伸式 （省略） 轴伸法兰式 F 加长法兰式 M 未注明按普通轴伸式供货	Structure (See P014) Foot-mounter solid shaft output (Omitted) Flange-mounter solid shaft output F Extended flange type M If there is no indication,the product is supplied according to ordinary shaft extension foot installation
组合减速机及机型号：见P027-P066页选型参数表	Combined speed reducer and type: see model selection parameter form on P027-P066
机型号：见P027-P071页选型参数表	Type: see model selection parameter form on P027-P071
电机类型代号： 普通电机 Y 防爆电机 YB 直流电机 Z 制动电机 YEJ 多速电机 YD 变频电机 YVP 冶金起重电机 YZ 变频制动电机 YVPEJ 辊道电机 YG	Codes for Motor Types: Ordinary Motor Y Flameproof Motor YB Direct current motor Z Brake Motor YEJ Multi-speed Motor YD Variable Frequency Motor YVP Metallurgy hoisting Motor YZ Transduction braking Motor YVPEJ Rol Motor YG
电机功率、极数：见P027-P066页选型参数表	Motor power、pole: see model selection parameter form on P027-P066
接线盒角度、进线口位置：未注明的接线盒角度为0°，进线口位置X供货，见P023-P026页安装形式图	Angle of wiring box、wire inlet position: If there is no indication, the default angle of wiring box is 0°, and for thewire inlet position X, see installation form figure on Page P023-P026
输入轴型号：见P067-P071页选型参数表	Input shaft model： see model selection parameter form on P067-P071
联接法兰：AM1刚性联接 AM弹性联轴器联接（具体尺寸请与我公司技术部联系）	Coupling flange:AM1 rigid connection Connection of AM flexible coupler(Please contact the technical department of our company for size details)
传动比：见P027-P071页选型参数表	Ratio: see model selection parameter form on P027-P071
安装形式：M1、M2、M3、M4、M5、M6，未注明按M1供货，见P023-P026页安装形式图	Mounting position: M1、M2、M3、M4、M5、M6, If there is no indication, the product is supplied according to M1. see installation form figure on Page P023-P026
输出法兰外径： 未注明按最小法兰供货，见P072-P092页安装尺寸图	Outer diameter of output flange: If there is no indication,the product is supplied according to the minimum flange.See installation size figure on Page P072-P092

2.3 MD系列选型参数表释义 Model selection definition form of MD series

MD系列恒功率选型参数表 Constant power model selection parameter form of MD series

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P	输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.12KW						**0.12KW**					
0.06	13034	21342	1.00	MD 149 MD79	4P	0.79	1127	1737	1.35	MD 89 MD59	4P
0.08	11172	18210	1.15	MDF 149 MD79	4P	0.91	990	1524	1.55	MDF 89 MD59	4P
0.09	9731	15923	1.30			1.1	794	1303	1.90		
0.10	8604	14075	1.50			1.2	696	1143	2.2		

注：0.12KW表示电动机功率 Note: 0.12KW indicates motor power

MD系列恒扭矩选型参数表 Constant torque model selection parameter form of MD series

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P	输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
130N·m					**200N·m**				
0.16	8612	MD 29 MD19	0.12	4P	3.1	439	MD 39 MD19	0.12	4P
0.19	7425	MDF 29 MD19	0.12	4P	3.6	378	MDF 39 MD19	0.12	4P
0.20	6921				4.2	328			
0.23	6050								
0.26	5217				4.6	289	MD 39 MD19	0.18	4P
0.30	4661				5.0	265	MDF 39 MD19	0.18	4P

注：130N·m表示许用扭矩 Note: 130 N·m indicates permissible torque

MD系列输入轴型选型参数表 Model selection parameter form of input shaft type of MD series

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type	传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
RX59 AD..., n = 1400 1/min				**69 N·m**	**RX89 AD..., n = 1400 1/min**				**405 N·m**
5.50	255	37	1.0	MDX 59 AD2	3.48	403	405	17.6	MDX 89 AD5
5.07	276	34	1.0	MDXF 59 AD2	3.09	454	405	20	MDXF 89 AD5
					2.76	507	405	22	
4.35	322	61	2.1	MDX 59 AD2	2.48	564	405	25	
3.79	369	58	2.3	MDXF 59 AD2	2.15	650	385	27	
3.55	394	55	2.3		1.93	726	355	28	
3.14	446	65	3.1		1.60	875	315	29	
2.91	481	49	2.5		1.39	1005	290	31	

注：MDX 59 AD...表示输入轴型型号，n = 1400 r/min表示输入转速，69 N·m表示该型号不同速比中最大的许用扭矩。
Note: MDX 59 AD... means input shaft type, n = 1400 r/min means input speed, 69 N·m indicates the maximum permissible torque under different speed ratios in the model.

1) 选型参数表中的机型号可适配所有速比一栏由上选配。
2) 选型参数表中的机型号59~179参数也适用于MDM机型。
1) The machine types in the parameter selection list can match any transmission ratio in the column.
2) The parameters type 59 ~179 in this list also fit model MDM.

2.4 MD系列输入功率及最大扭矩 Input power and maximum torque of MD series

规格 Size	MD09	MD19	MD29	MD39	MD49	MD59	MD69	MD79	MD89	MD99	MD109	MD139	MD149	MD169	MD179
结构形式 Structure	MD MDF					MD MDF MDM									
输入功率(kw) Input power rating	0.12–0.37	0.12–0.75	0.12–3	0.12–3	0.12–5.5	0.12–7.5	0.12–7.5	0.18–11	0.55–22	0.55–30	2.2–45	5.5–55	11–90	11–160	11–160
传动比 Ratio	3.21–78.24	3.83–81.64	3.37–135.09	3.41–134.82	3.70–176.88	4.39–180.89	4.29–100.81	5.31–195.24	5.30–246.54	4.58–289.74	4.89–251.15	5.15–222.60	5.08–163.31	10.24–229.71	9.60–200.87
最大扭矩*(N·m) Maximum torque	50	85	130	200	300	450	600	820	1550	3000	4300	8000	13000	18000	35000

规格 Size	MDX59	MDX69	MDX79	MDX89	MDX99	MDX109
结构形式 Structure	MDX MDXF					
输入功率(kw) Input power rating	0.12–5.5	0.12–7.5	1.1–11	3–22	5.5–30	5.5–45
传动比 Ratio	1.26–5.50	1.40–6.07	1.42–5.63	1.39–6.45	1.42–5.79	1.41–6.63
最大扭矩*(N·m) Maximum torque	69	134	215	405	565	830

*) 最大扭矩指该规格不同传动比对应的最大扭矩的最大值

*) The maximum torque indicates the maximum value of maximum torque corresponding to different transmission ratios in this specification

2.5 MD系列主机重量表 Main machine weight form of MD series

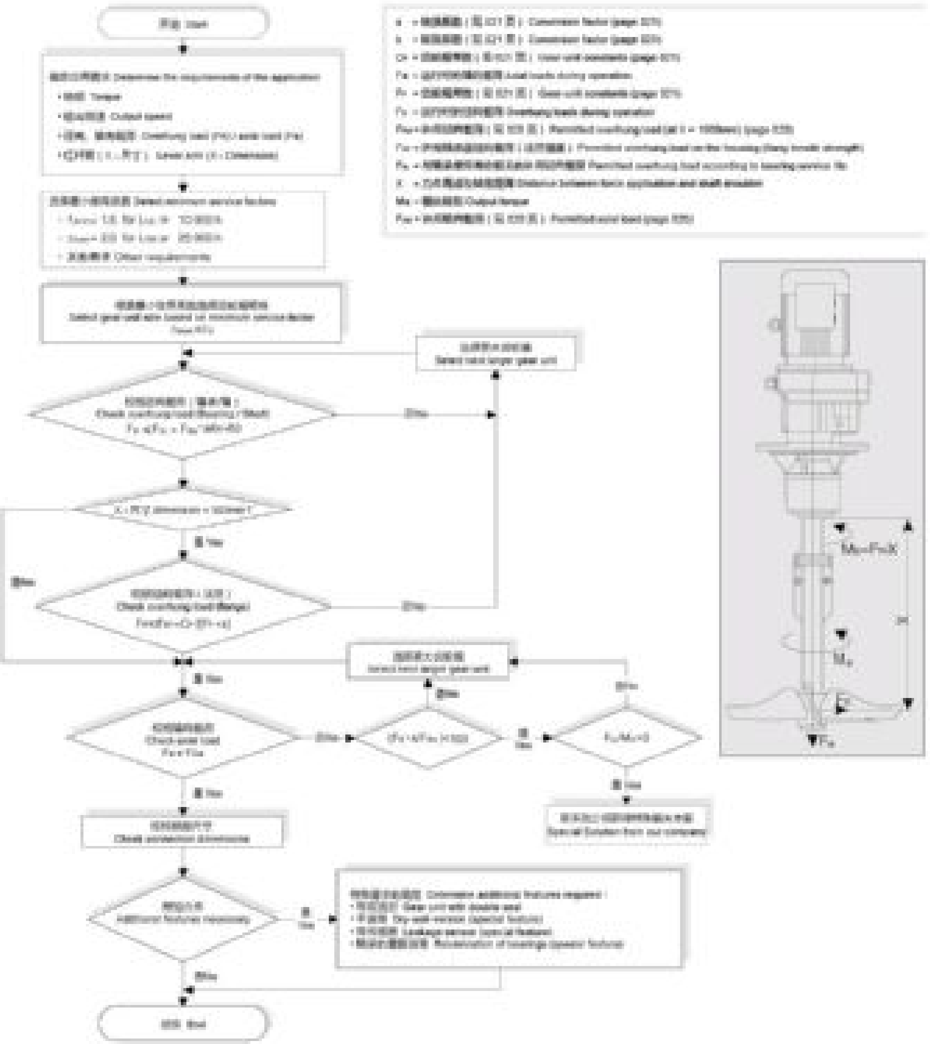
型号 Type	MD09	MD19	MD29	MD39	MD49	MD59	MD69	MD79	MD89	MD99	MD109	MD139	MD149	MD169	MD179
重量(kg) Weight(kg)	4.5	6.5	8	15	18	23	29	35	65	102	162	248	420	782	1250
型号 Type	MDF 09	MDF 19	MDF 29	MDF 39	MDF 49	MDF 59	MDF 69	MDF 79	MDF 89	MDF 99	MDF 109	MDF 139	MDF 149	MDF 169	MDF 179
重量(kg) Weight(kg)	4.5	6.5	8	16	18	26	32	41	72	118	168	272	430	770	1260
型号 Type						MDM 59	MDM 69	MDM 79	MDM 89	MDM 99	MDM 109	MDM 139	MDM 149	MDM 169	MDM 179
重量(kg) Weight(kg)						36	48	65	102	170	258	387	600	970	按需查询
型号 Type	MDX 59	MDX 69	MDX 79	MDX 89	MDX 99	MDX 109									
重量(kg) Weight(kg)	11	14	24	41	68	103									
型号 Type	MDXF 59	MDXF 69	MDXF 79	MDXF 89	MDXF 99	MDXF 109									
重量(kg) Weight(kg)	13	19	27	46	75	118									

2.6 MDM减速机 Model MDM Reductor

MDM [illegible]

The MDM helical gear reductor is the three-stage or two-stage flange-mounted helical gear reductor with the extended bearing hub and can be applied to circumstances with the higher overhung loads and axial forces.

1）MDM减速机选型 MDM Reductor Selection :



2）许用径向载荷和轴向载荷 Permitted overhung loads and axial forces :

[illegible]

The permitted overhung loads F_{RA} and axial forces F_{AA} are specified for various f_B and nominal bearing service life L_{10h}

F_{Amin}=1.5, L_{10h}=10 000h

	n [rpm]	<16	16–25	26–40	41–60	61–100	101–160	161–250	251–400
MDM59	F_{RA} [N]	400	400	400	400	400	405	410	415
	F_{AA} [N]	18800	15000	11500	9700	7100	5650	4450	3800
MDM69	F_{RA} [N]	575	575	575	580	575	585	590	600
	F_{AA} [N]	19000	18900	15300	11900	9210	7470	5870	5050
MDM79	F_{RA} [N]	1200	1200	1200	1200	1200	1200	1210	1200
	F_{AA} [N]	22000	22000	19400	15100	11400	9220	7200	6710
MDM89	F_{RA} [N]	1970	1970	1970	1970	1980	1990	2000	2010
	F_{AA} [N]	30000	30000	23600	18000	14300	11000	8940	8030
MDM99	F_{RA} [N]	2980	2980	2980	2990	3010	3050	3060	3080
	F_{AA} [N]	40000	38100	27300	20300	15900	12600	9840	7810
MDM109	F_{RA} [N]	4230	4230	4230	4230	4230	4230	3580	3830
	F_{AA} [N]	48000	41000	30000	23000	18000	13100	9550	9030
MDM139	F_{RA} [N]	8710	8710	8710	8710	7220	5060	3980	6750
	F_{AA} [N]	70000	70000	70000	57900	46900	44000	35600	32400
MDM149	F_{RA} [N]	11100	11100	11100	11100	11100	10600	8840	10600
	F_{AA} [N]	70000	70000	69700	58400	45600	38000	32800	30800
MDM169	F_{RA} [N]	14600	14600	14600	14600	14600	14700	—	—
	F_{AA} [N]	70000	70000	70000	60300	45300	36900	—	—

f_{Bmin}=2.0, L_{10h}=25 000h

	n [rpm]	<16	16–25	26–40	41–60	61–100	101–160	161–250	251–400
MDM59	F_{RA} [N]	410	410	410	410	410	415	415	420
	F_{AA} [N]	12100	9600	7350	6050	4300	3350	2600	2200
MDM69	F_{RA} [N]	590	590	590	595	590	595	600	605
	F_{AA} [N]	15800	12000	9580	7330	5580	4460	3460	2930
MDM79	F_{RA} [N]	1210	1210	1210	1210	1210	1220	1220	1220
	F_{AA} [N]	20000	15400	11900	9070	6670	5280	4010	3700
MDM89	F_{RA} [N]	2000	2000	2000	2000	2900	1720	1690	1710
	F_{AA} [N]	24600	19200	14300	10800	8190	6100	5490	4860
MDM99	F_{RA} [N]	3040	3040	3040	3050	3070	3080	2540	2430
	F_{AA} [N]	28400	22000	16200	11800	8850	6840	5830	4760
MDM109	F_{RA} [N]	4330	4330	4330	4330	4330	3350	2810	2990
	F_{AA} [N]	32300	24800	17800	13000	9780	8170	5950	5620
MDM139	F_{RA} [N]	8850	8850	8850	8830	5860	4020	3200	5240
	F_{AA} [N]	70000	59800	48000	37900	30800	31700	25600	23300
MDM149	F_{RA} [N]	11400	11400	11400	11400	11400	9320	6850	9440
	F_{AA} [N]	70000	59600	45900	35900	30500	27900	24100	22600
MDM169	F_{RA} [N]	15100	15100	15100	15100	15100	13100	—	—
	F_{AA} [N]	70000	63500	51600	37800	26800	23600	—	—

3）转换系数和齿轮箱常数 Conversion factors and gear unit constants :

计算MDM齿轮减速机输出轴允许径向力Fx.（X ≠ 1000mm）的转换系数

The following conversion factors and gear unit constants apply to calculating the permitted overhung load Fx. (X ≠ 1000mm) for MDM gear reductor

型号 Type	a	b	Cr(fa=1.5)	Cr(fa=2.0)	Fr
MDM59	1047	47	1020600	1269400	277
MDM69	1047	47	2047600	2100000	297.5
MDM79	1050	50	2512800	2574700	340.5
MDM89	1056.5	56.5	4917800	5029600	414
MDM99	1061	61	10911600	11124100	481
MDM109	1069	69	15367000	15652000	554.5
MDM139	1088	88	25291700	25993600	650
MDM149	1091	91	30038700	31173900	756
MDM169	1089.5	89.5	42096100	43654300	869

2.7 MD系列润滑油量表 Lubricating oil quantity form of MD series

机型号 Gear mit type	润滑油量（升）Fill quantity in liters (L)					
	M1[1]	M2[2]	M3	M4	M5	M6
MD09	0.12	0.2	0.2	0.2	0.2	0.2
MD19	0.25	0.6	0.35	0.6	0.35	0.35
MD29	0.25/0.4	0.7	0.4	0.7	0.4	0.4
MD39	0.3/1	0.9	1	1.1	0.8	1
MD49	0.7/1.5	1.6	1.5	1.7	1.5	1.5
MD59	0.8/1.7	1.9	1.7	2.1	1.7	1.7
MD69	1.1/2.3	2.6/3.5	2.8	3.2	1.8	2
MD79	1.2/3	3.8/4.3	3.6	4.3	2.5	3.4
MD89	2.3/6	6.7/8.4	7.2	7.7	6.3	6.5
MD99	4.6/9.8	11.7/14	11.7	13.4	11.3	11.7
MD109	6/13.7	16.3	16.9	19.2	13.2	15.9
MD139	10/25	28	29.5	31.5	25	25
MD149	15.4/40	46.5	48	52	39.5	41
MD169	27/70	82	78	88	66	69
MD179	80	160	190	210	160	160

机型号 Gear mit type	润滑油量（升）Fill quantity in liters (L)					
	M1[1]	M2[2]	M3	M4	M5	M6
MDF09	0.12	0.2	0.2	0.2	0.2	0.2
MDF19	0.25	0.6	0.35	0.6	0.35	0.35
MDF29	0.25/0.4	0.7	0.4	0.7	0.4	0.4
MDF39	0.4/1	0.9	1	1.1	0.8	1
MDF49	0.75/1.5	1.6	1.5	1.7	1.5	1.5
MDF59	0.8/1.7	1.8	1.7	2	1.7	1.7
MDF69	1.2/2.5	2.7/3.6	2.7	3.1	1.9	2.1
MDF79	1.2/2.6	3.8/4.1	3.3	4.1	2.4	3
MDF89	2.4/6	6.8/7.9	7.1	7.7	6.3	6.4
MDF99	5.1/10.2	11.9/14	11.2	14	11.2	11.8
MDF109	6.3/14.9	15.9	17	19.2	13.1	15.9
MDF139	9.5/25	27	29	32.5	25	25
MDF149	16.4/42	47	48	52	42	42
MDF169	26/70	82	78	88	65	71
MDF179	80	160	190	210	120	120

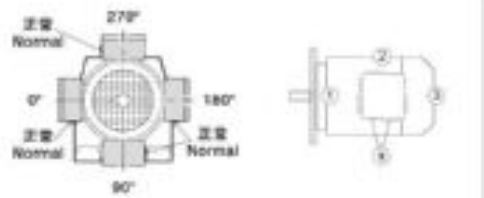
机型号 Gear mit type	润滑油量（升）Fill quantity in liters (L)					
	M1	M2	M3	M4	M5	M6
MDX59/MDXF59	0.6/0.5	0.8	1.3/1.1	1.3/1.1	0.9/0.7	0.9/0.7
MDX69/MDXF69	0.8/0.7	0.8	1.7/1.5	1.9/1.7	1.1/1	1.1/1
MDX79/MDXF79	1.1/0.9	1.5	2.6/2.4	2.7/2.5	1.6	1.6
MDX89/MDXF89	1.7/1.6	2.5	4.8/4.9	4.8/4.7	2.9	2.9
MDX99/MDXF99	2.1	3.4/3.6	7.4/7.1	7	4.8	4.8
MDX109/MDXF109	3.9/3.1	5.6/5.9	11.6/11.2	11.9/10.5	7.7/7.2	7.7/7.2

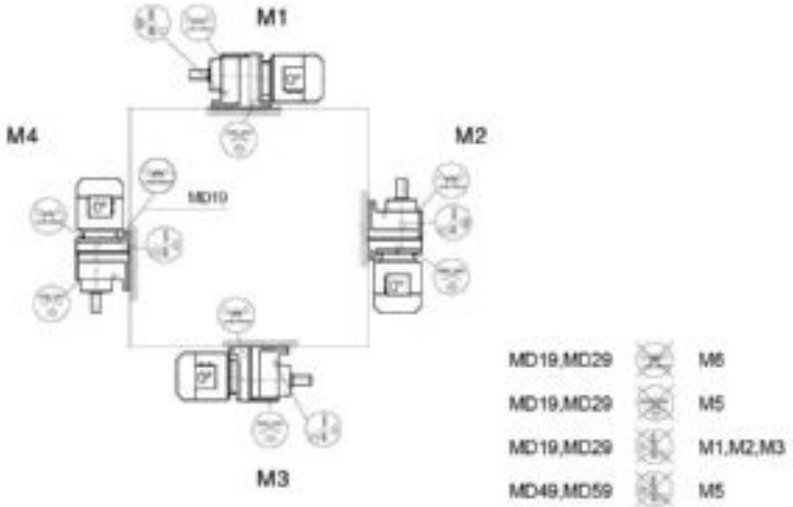
注：1) [illegible]

Notes: 1) The large gear unit of multi stage gear units must be filled with the larger oil volume.

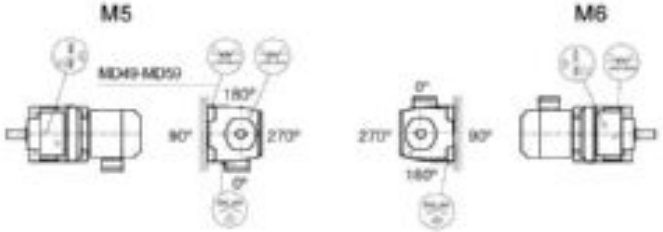
2.8 MD系列安装形式图 Installation form figure of MD series

MD09-MD179安装形式图 MD09-MD179 Mounting Position Example



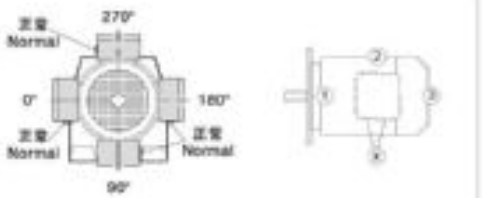


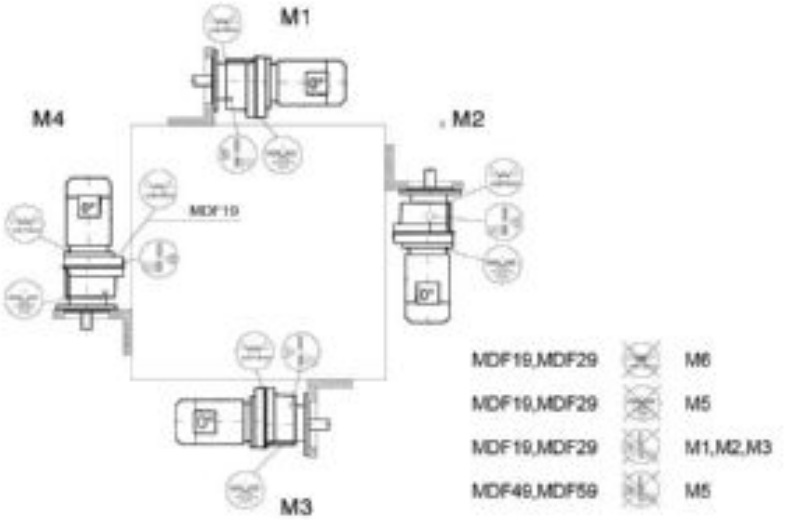
MD19,MD29	M6	
MD19,MD29	M5	
MD19,MD29	M1,M2,M3	
MD49,MD59	M5	



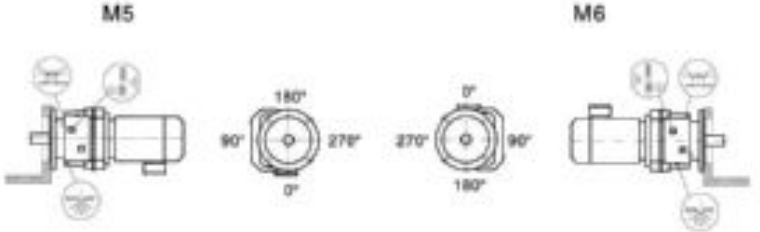
通气孔 Breather valve　油位孔 Oil level plug　放油孔 Oil drain plug

MDF09-MDF179 安装形式图 MDF09-MDF169 Mounting Position Example



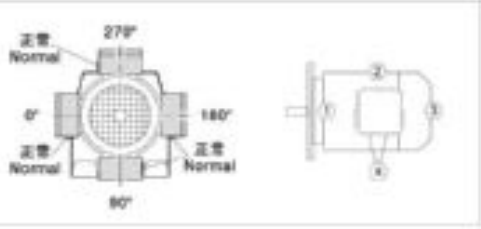


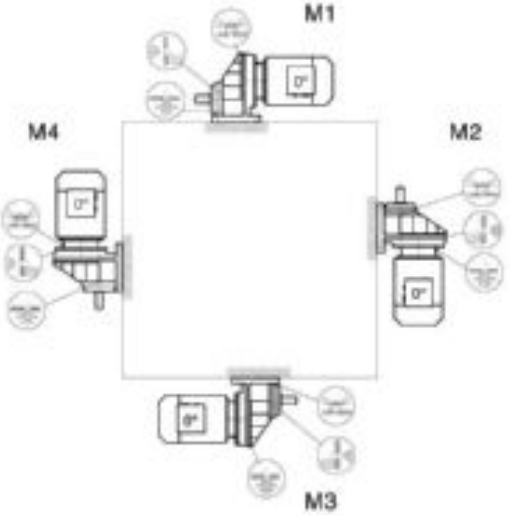
MDF19,MDF29	M6	
MDF19,MDF29	M5	
MDF19,MDF29	M1,M2,M3	
MDF49,MDF59	M5	

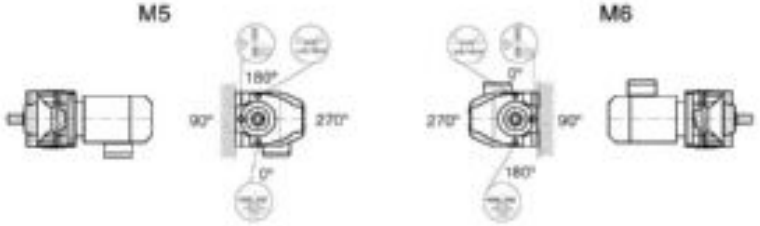


通气孔 Breather valve　油位孔 Oil level plug　放油孔 Oil drain plug

MDX59-MDX109 安装形式图 MDX59-MDX109 Mounting Position Example

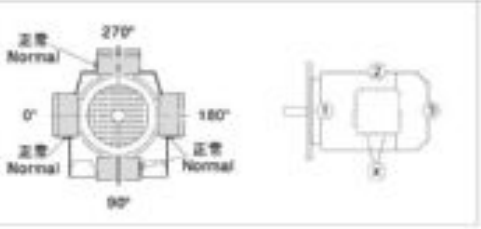


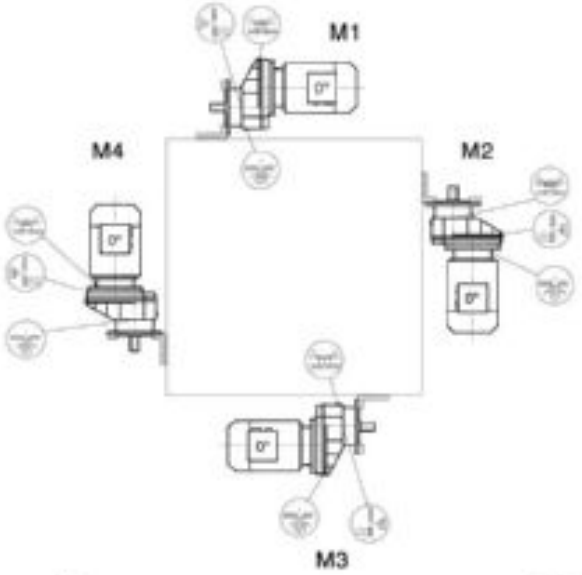


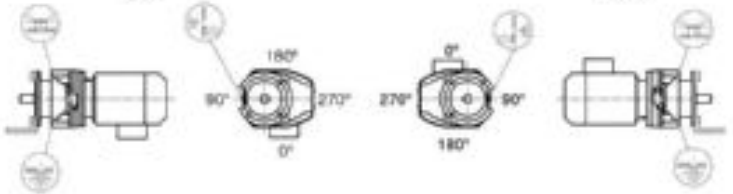


通气孔 Breather valve　油标孔 Oil level plug　放油孔 Oil drain plug

MDXF59-MDXF109 安装形式图 MDXF59-MDXF109 Mounting Position Example







通气孔 Breather valve　油标孔 Oil level plug　放油孔 Oil drain plug

2.9 MD系列恒功率选型参数表

Constant power model selection parameter form of MD series

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.12KW						
0.06	13334	21342	1.00	MD	140 MD70	4P
0.08	11172	16210	1.15	MDF	140 MD70	4P
0.09	9731	15923	1.30			
0.10	8604	14035	1.50			
0.11	7897	12344	1.70	MD	140 MD70	4P
0.12	6805	11143	1.95	MDF	140 MD70	4P
0.14	5919	9743	2.2			
0.16	4733	8443	2.7			
0.19	4036	7307	3.1			
0.21	3616	6447	3.5			
0.25	3126	5568	4.1			
0.19	7869	12921	1.00	MD	139 MD70	4P
0.12	7115	11712	1.10	MDF	139 MD70	4P
0.13	6202	10573	1.25			
0.16	4922	8784	1.60			
0.18	4008	7479	1.95			
0.21	3879	6559	1.95			
0.24	3126	5834	2.5			
0.27	3197	5116	2.5			
0.18	4322	7583	0.95	MD	109 MD70	4P
0.20	3816	6743	1.15	MDF	109 MD70	4P
0.23	3597	5914	1.15			
0.27	2773	5168	1.50			
0.31	2459	4435	1.70			
0.35	2225	3896	1.90			
0.45	1842	3039	2.3			
0.35	2421	3960	1.70	MD	109 MD70	4P
0.41	2068	3343	2.0	MDF	109 MD70	4P
0.45	1972	3234	2.3			
0.52	1697	2853	2.6			
0.61	1411	2280	3.0			
0.67	1239	2067	3.3			
0.30	2389	4569	1.00	MD	99 MD59	4P
0.34	2519	4064	1.15	MDF	99 MD59	4P
0.40	2225	3481	1.30			
0.29	3175	4878	0.95	MD	99 MD59	4P
0.32	2920	4389	1.00	MDF	99 MD59	4P
0.37	2539	3702	1.15			
0.46	2038	3019	1.45			
0.52	1774	2668	1.65			
0.61	1450	2345	2.0			
0.68	1284	2016	2.3			
0.80	1178	1733	2.5			
0.45	3078	3965	1.40	MD	99 MD59	4P
0.51	2642	2722	1.60	MDF	99 MD59	4P
0.61	1540	2284	1.92			
0.67	1365	2064	2.1			
0.76	1215	1825	2.4			
0.87	1049	1583	2.5			
0.99	892	1398	3.5			
1.1	760	1229	3.9			
0.48	1735	2873	0.90	MD	89 MD59	4P
0.70	1214	1961	1.20	MDF	89 MD59	4P
0.53	1754	2595	0.85	MD	89 MD59	4P
0.65	1401	2129	1.10	MDF	89 MD59	4P
0.72	1245	1930	1.20			
0.80	1098	1733	1.40			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.12KW						
0.79	1027	1737	1.35	MD	89 MD59	4P
0.91	990	1524	1.55	MDF	89 MD59	4P
1.1	794	1303	1.80			
1.2	696	1143	2.2			
1.4	573	885	2.7			
1.6	505	778	3.0			
2.0	441	685	3.4			
2.3	353	599	4.3			
1.1	921	1303	0.85	MD	79 MD39	4P
1.2	784	1124	1.05	MDF	79 MD39	4P
1.3	725	1047	1.10			
1.5	627	915	1.30			
1.1	804	1210	1.00	MD	79 MD39	4P
1.3	725	1084	1.10	MDF	79 MD39	4P
1.5	652	940	1.25			
1.7	585	821	1.55			
1.9	470	731	1.75			
2.1	451	640	1.80			
2.6	372	526	2.2	MD	79 MD39	4P
3.1	319	451	2.5	MDF	79 MD39	4P
3.3	294	422	2.7			
3.8	258	365	3.2			
1.6	617	891	0.95	MD	89 MD59	4P
1.9	495	730	1.20	MDF	89 MD59	4P
2.1	431	644	1.35			
2.4	377	571	1.55			
2.8	334	486	1.85			
1.7	578	836	1.00	MD	89 MD59	4P
1.8	485	756	1.20	MDF	89 MD59	4P
2.1	431	646	1.35			
2.4	392	574	1.50			
2.8	338	495	1.75			
3.1	279	436	2.1			
1.8	539	782	0.80	MD	39 MD39	4P
2.0	446	678	1.00	MDF	39 MD39	4P
2.3	407	604	1.10			
2.6	360	537	1.20			
2.9	323	471	1.35			
3.9	240	357	1.85			
4.3	211	319	2.1			
3.8	355	356	1.75	MD	39 MD39	4P
4.3	230	324	1.05	MDF	39 MD39	4P
4.8	201	290	2.2			
5.3	181	262	2.4			
5.6	168	246	2.6			
6.3	147	220	3.0			
2.7	338	510	0.65	MD	49 MD39	4P
3.2	279	436	1.05	MDF	49 MD39	4P
3.4	260	406	1.10			
4.0	210	344	1.35			
2.9	358	502	0.80	MD	49 MD39	4P
3.2	309	429	0.95	MDF	49 MD39	4P
3.7	265	372	1.10			
4.3	245	348	1.20			
4.6	206	301	1.40			
5.4	173	255	1.70			
6.9	153	226	1.95			
7.1	127	195	2.3			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.12KW						
4.1	221	338	0.80	MD	39 MD19	4P
4.7	206	296	0.95	MDF	39 MD19	4P
5.3	180	259	1.10			
6.0	160	226	1.25			
6.9	137	199	1.40			
8.0	121	172	1.65			
4.2	230	328	0.85	MD	39 MD19	4P
4.8	201	289	1.00	MDF	39 MD19	4P
5.2	188	265	1.05			
6.1	153	226	1.30			
6.8	141	202	1.40			
7.7	123	179	1.60			
6.0	155	229	0.80	MD	29 MD19	4P
6.9	135	200	0.95	MDF	29 MD19	4P
7.8	119	177	1.05			
8.3	114	166	1.10			
6.1	154	227	0.85	MD	29 MD19	4P
6.8	141	203	0.90	MDF	29 MD19	4P
7.7	121	176	1.05			
8.8	104	156	1.25			
4.8	238	195.24	3.3	MD	79	6P
5.4	200	166.10	3.9	MDF	79	6P
6.2	177	145.67	4.4			
4.5	242	196.81	2.4	MD	69	6P
4.9	223	184.67	2.6	MDF	69	6P
5.7	190	156.14	3.0			
6.5	166	137.67	3.4			
7.0	156	128.97	3.7			
7.9	139	113.94	4.1			
6.9	158	196.81	3.6	MD	69	4P
7.5	145	184.67	3.9	MDF	69	4P
4.6	228	186.89	1.60	MD	59	6P
5.2	209	172.17	2.1	MDF	59	6P
6.1	179	147.02	2.4			
7.0	156	128.77	2.7			
7.5	146	120.63	2.9			
8.4	129	106.50	3.3			
9.1	120	98.99	3.6			
7.4	147	186.89	2.9	MD	59	4P
8.9	136	172.17	3.2	MDF	59	4P
9.3	117	147.02	3.7			
11	102	126.77	4.2			
5.1	214	170.88	1.35	MD	49	6P
5.5	200	162.94	1.45	MDF	49	6P
6.4	169	139.99	1.70			
7.4	147	121.67	1.95			
7.8	140	176.88	2.0	MD	49	4P
8.5	128	162.94	2.2	MDF	49	4P
9.9	110	139.99	2.6			
11	96	121.67	3.0			
12	90	114.17	3.2			
14	80	106.86	3.6			
15	74	93.08	3.9			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.12KW						
6.7	165	134.62	1.15	MD	39	6P
7.3	149	123.66	1.25	MDF	39	6P
8.5	127	105.29	1.50			
9.9	110	90.77	1.70			
11	103	84.61	1.80			
12	89	73.66	2.1			
10	196	134.62	1.60	MD	39	4P
11	98	123.66	1.65	MDF	39	4P
13	83	105.29	2.3			
15	73	90.77	2.7			
16	67	84.61	2.8			
19	58	73.66	3.3			
7.3	150	123.91	0.89	MD	29	6P
8.5	127	105.49	0.95	MDF	29	6P
9.9	110	90.96	1.16			
11	103	84.76	1.25			
12	89	74.31	1.40			
10	186	135.09	1.15	MD	29	4P
11	98	123.91	1.25	MDF	29	4P
13	84	105.40	1.50			
15	72	90.96	1.70			
16	67	84.76	1.85			
19	58	74.31	2.1			
26	55	69.47	2.3			
23	48	61.30	2.6			
25	44	55.87	2.8			
29	38	48.17	3.3			
31	35	44.90	3.5			
11	99	81.64	0.86	MD	19	6P
12	86	70.39	0.96	MDF	19	6P
14	80	65.61	1.00			
16	69	57.35	1.15			
17	65	53.76	1.25			
19	57	47.44	1.40			
17	65	81.64	1.25	MD	19	4P
20	55	70.39	1.45	MDF	19	4P
21	52	65.61	1.55			
24	46	57.35	1.80			
26	43	53.76	1.90			
28	37	47.44	2.2			
31	35	44.18	2.3			
36	30	39.81	2.7			
38	29	36.20	2.8			
43	26	31.04	3.2			
49	23	28.32	3.6			
57	19	24.07	4.3			
22	50	60.32	0.95	MD	09	4P
25	43	51.02	1.16	MDF	09	4P
27	40	47.79	1.20			
29	37	44.16	1.30			
31	34	41.28	1.35			
32	34	40.34	1.40			
34	32	38.51	1.45			
36	29	34.65	1.65			
45	25	29.68	1.95			
48	23	26.97	2.1			
56	20	23.32	2.4			
66	18	21.73	2.6			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.12KW						
71	15	19.39	3.1	MD	09	4P
78	14	17.73	3.4	MDF	09	4P
92	11	14.12	4.0			
105	10	12.06	4.7			
116	9.4	11.18	5.1			
134	8.1	9.67	5.9			
144	7.5	9.01	6.3			
166	6.6	7.85	7.1			
174	6.3	7.45	6.5			
190	5.7	6.83	7.2			
226	4.8	5.76	7.8			
264	4.1	4.92	8.6			
285	3.8	4.57	9.0			
329	3.3	3.95	9.2			
353	3.0	3.68	10			
405	2.7	3.21	11			
227	4.8	6.07	8.6	MDK	69	4P
267	4.1	5.16	17	MDKF	69	4P
305	3.6	4.53	22			
325	3.4	4.25	22			
259	4.4	5.50	8.5	MDK	59	4P
272	4.0	5.07	8.6	MDKF	59	4P
317	3.4	4.35	19			
364	2.9	3.79	22			
389	2.8	3.55	24			
440	2.5	3.14	25			
474	2.3	2.91	28			
523	2.1	2.64	31			
582	1.8	2.37	35			
676	1.6	2.04	41			
719	1.5	1.92	43			
835	1.3	1.65	49			
0.18KW						
0.09	14766	14075	0.65	MD	149 MD75	4P
0.11	12656	12344	1.00	MDF	149 MD75	4P
0.12	11368	11143	1.30			
0.14	9304	9743	1.25			
0.16	8379	8443	1.50	MD	149 MD75	4P
0.18	7252	7387	1.75	MDF	149 MD75	4P
0.20	6339	6447	2.0			
0.24	5527	5569	2.3			
0.27	5047	4809	2.5			
0.31	4332	4325	2.9			
0.35	3842	3754	3.3			
0.40	3312	3362	3.9			
0.15	8722	8764	0.90	MD	139 MD75	4P
0.18	7242	7479	1.10	MDF	139 MD75	4P
0.20	6811	6559	1.15			
0.23	5855	5834	1.40			
0.26	5312	5116	1.55			
0.30	4430	4464	1.75			
0.34	3900	3805	2.0			
0.28	4959	4709	1.60	MD	139 MD75	4P
0.33	4234	4016	1.85	MDF	139 MD75	4P
0.38	3704	3514	2.1			
0.40	3477	3299	2.2			
0.45	3097	2829	2.5			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.18KW						
0.30	4400	4435	0.65	MD	109 MD79	4P
0.34	3960	3896	1.10	MDF	109 MD79	4P
0.43	3136	3609	1.35			
0.34	4126	3919	1.00	MD	109 MD79	4P
0.39	3518	3343	1.20	MDF	109 MD79	4P
0.44	3105	3034	1.30			
0.50	2793	2653	1.50			
0.58	2401	2280	1.75			
0.64	2176	2067	1.95			
0.67	2030	1986	2.1	MD	109 MD79	4P
0.72	1933	1927	2.3	MDF	109 MD79	4P
0.83	1668	1590	2.7			
0.94	1411	1400	3.0			
1.1	1235	1226	3.5			
0.49	2940	2869	1.00	MD	99 MD59	4P
0.59	2430	2245	1.20	MDF	99 MD59	4P
0.65	2160	2050	1.35			
0.70	1931	1733	1.50			
0.81	1603	1623	1.65			
0.92	1575	1434	1.85			
1.1	1303	1207	2.3			
1.2	1166	1084	2.5			
1.4	999	934	3.0			
1.5	921	876	3.2			
1.8	774	755	3.8			
0.49	3920	2722	0.95	MD	99 MD59	4P
0.58	2533	2284	1.95	MDF	99 MD59	4P
0.65	2260	2054	1.25			
0.89	1950	1489	0.90	MD	89 MD59	4P
0.95	1540	1395	1.00	MDF	89 MD59	4P
1.1	1352	1232	1.50			
1.2	1254	1145	1.20			
1.3	1137	1037	1.35			
1.4	1000	931	1.50			
1.7	843	862	1.80			
0.87	1940	1524	0.00	MD	89 MD59	4P
1.0	1302	1303	1.10	MDF	89 MD59	4P
1.2	1196	1143	1.25			
1.5	960	885	1.69			
1.7	843	776	1.00			
1.5	960	858	0.85	MD	79 MD39	4P
1.7	833	757	0.95	MDF	79 MD39	4P
2.0	735	671	1.10			
2.3	657	571	1.30			
1.6	872	821	0.00	MD	79 MD39	4P
1.8	784	731	1.00	MDF	79 MD39	4P
2.0	730	646	1.10			
2.4	632	566	1.25			
2.7	539	488	1.50			
3.0	480	436	1.70			
3.5	412	373	1.95			
4.0	363	327	2.2			
4.6	323	289	2.5			
2.3	627	571	0.95	MD	69 MD39	4P
2.7	524	486	1.10	MDF	69 MD39	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.18KW						
2.3	642	574	0.00	MD	69 MD39	4P
2.7	554	496	1.05	MDF	69 MD39	4P
3.0	470	438	1.25			
3.4	417	388	1.40			
3.8	387	344	1.55			
4.5	314	284	1.90			
5.1	284	261	2.1			
2.9	490	454	0.00	MD	59 MD39	4P
3.2	446	410	1.00	MDF	59 MD39	4P
2.8	529	471	0.05	MD	59 MD39	4P
3.7	397	357	1.10	MDF	59 MD39	4P
4.1	348	310	1.25			
4.8	294	270	1.50			
5.5	255	241	1.75			
6.1	230	215	1.95			
3.7	412	356	1.05	MD	59 MD39	4P
4.1	372	324	1.20	MDF	59 MD39	4P
4.5	328	296	1.35			
5.0	299	262	1.50			
5.4	271	246	1.65			
6.0	245	226	1.80			
7.0	206	188	2.1			
8.3	173	159	2.6			
4.4	343	301	0.65	MD	49 MD39	4P
5.2	284	255	1.05	MDF	49 MD39	4P
5.8	255	228	1.15			
6.8	216	195	1.40			
6.6	225	199	0.65	MD	39 MD19	4P
7.7	195	172	1.00	MDF	39 MD19	4P
8.8	170	150	1.15			
6.5	230	202	0.65	MD	39 MD19	4P
7.4	201	179	0.95	MDF	39 MD19	4P
8.5	172	156	1.15			
9.4	154	141	0.65	MD	29 MD19	4P
11	136	124	0.95	MDF	29 MD19	4P
12	123	110	1.05			
14	103	94	1.25			
9.6	140	135	0.65	MD	29 MD19	4P
11	136	116	0.95	MDF	29 MD19	4P
13	119	104	1.10			
15	103	90	1.25			
4.5	366	195.24	2.1	MD	79	6P
5.2	314	169.59	2.5	MDF	79	6P
6.0	276	145.67	2.9	MD	79	6P
6.4	258	136.78	3.0	MDF	79	6P
7.2	228	121.42	3.4			
6.8	242	105.24	3.2	MD	79	4P
7.9	204	169.59	3.8	MDF	79	4P
9.1	181	145.67	4.3			
9.6	169	136.78	4.7			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.18KW						
4.4	325	199.91	1.50	MD	69	6P
4.7	347	184.07	1.65	MDF	69	6P
5.5	295	158.14	1.90			
6.3	257	137.97	2.2			
6.6	242	128.97	2.4			
7.6	214	113.94	2.7			
8.2	200	105.83	2.9			
9.1	181	95.91	3.2			
10	162	86.18	3.5			
12	140	76.57	4.1			
12	131	69.75	4.4			
6.6	347	199.91	2.3	MD	69	4P
7.2	228	184.07	2.5	MDF	69	4P
8.3	195	158.14	2.9			
9.6	170	137.97	3.4			
10	160	128.97	3.6			
12	141	113.94	4.0			
12	131	105.83	4.4			
4.7	352	186.89	1.20	MD	59	6P
5.0	323	172.57	1.30	MDF	59	6P
5.9	276	147.92	1.55			
6.8	242	128.77	1.75			
7.2	228	120.63	1.90			
7.1	233	186.89	1.85	MD	59	4P
7.7	214	172.57	2.0	MDF	59	4P
8.9	183	147.92	2.3			
10	160	128.77	2.7			
11	149	120.63	2.9			
12	132	106.58	3.2			
13	123	98.99	3.5			
15	111	89.71	3.9			
7.5	219	176.88	1.30	MD	49	4P
8.1	200	162.94	1.40	MDF	49	4P
9.4	173	139.99	1.65			
11	151	121.87	1.90			
12	142	114.17	2.0			
13	124	100.88	2.3			
14	116	93.68	2.5			
16	105	84.90	2.7			
17	94	76.23	3.0			
7.6	233	123.60	0.88	MD	39	6P
8.3	200	105.28	0.96	MDF	39	6P
9.6	170	90.77	1.10			
10	159	84.61	1.20			
9.6	167	134.82	1.15	MD	39	4P
11	153	123.60	1.25	MDF	39	4P
13	130	105.28	1.45			
15	112	90.77	1.70			
16	105	84.61	1.80			
18	91	73.66	2.1			
19	86	69.33	2.2			
22	76	61.53	2.5			
24	69	55.76	2.8			
27	60	48.68	3.2			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.18KW					
11	153	123.91	0.60	MD 29	4P
13	130	105.49	0.95	MDF 29	4P
15	112	90.90	1.10		
16	101	84.78	1.20		
16	92	78.11	1.35		
19	86	69.47	1.45		
22	76	61.39	1.65		
24	69	55.87	1.80		
27	60	48.57	2.1		
29	56	44.90	2.2		
34	48	39.25	2.5		
38	46	36.79	2.7		
41	40	32.47	3.1		
46	38	28.78	3.5		
54	33	24.47	4.1		
47	35	28.37	3.5	MD 29	4P
51	32	26.09	3.6	MDF 29	4P
59	28	22.32	4.5		
69	24	19.35	5.2		
73	23	18.08	5.5		
84	20	15.63	6.4		
99	18	13.26	7.5		
96	101	83.64	0.60	MD 19	4P
89	87	70.39	0.95	MDF 19	4P
20	81	65.61	1.00		
23	71	57.35	1.15		
25	67	53.78	1.20		
28	59	47.44	1.40		
30	55	44.18	1.50		
34	48	38.61	1.70		
36	45	36.20	1.80		
41	40	31.94	2.0		
47	35	28.32	2.3		
55	29	24.07	2.7		
52	31	25.23	2.6	MD 10	4P
57	29	23.15	2.8	MDF 10	4P
67	25	19.71	3.3		
76	21	16.99	3.9		
28	59	47.78	0.80	MD 09	4P
30	55	44.16	0.85	MDF 09	4P
32	51	41.31	0.95		
33	50	40.34	0.95		
34	48	38.51	1.00		
39	42	34.05	1.15		
45	36	29.09	1.30		
49	33	26.97	1.40		
57	29	23.32	1.65		
61	27	21.73	1.75		
72	23	18.33	2.1	MD 09	4P
79	21	16.73	2.3	MDF 09	4P
84	17	14.12	2.7		
100	15	12.06	3.2		
119	14	11.18	3.4		
137	12	9.67	4.0		
146	11	9.01	4.3		
168	9.5	7.81	4.6		
177	9.2	7.45	4.4		
193	8.5	6.93	4.6		
229	7.1	5.76	5.3		
268	6.1	4.92	5.8		
289	5.6	4.57	6.1		
334	4.8	3.95	6.2		
359	4.6	3.68	6.9		
402	4.8	3.21	7.4		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.18KW					
143	11	6.07	3.6	MDX 69	6P
168	9.5	5.18	7.4	MDXF 69	6P
192	8.5	4.53	9.2		
204	8.0	4.25	9.5		
216	7.5	6.07	5.4	MDX 69	4P
255	6.4	5.18	11	MDXF 69	4P
292	5.6	4.53	14		
311	5.3	4.25	14		
350	4.7	3.77	18		
413	4.0	3.20	24		
467	3.6	2.89	28		
519	3.1	2.54	36		
550	2.9	2.40	40		
648	2.6	2.04	50		
159	99	5.50	3.6	MDX 59	6P
172	9.5	5.07	3.6	MDXF 59	6P
203	8.2	4.35	7.9		
230	7.1	3.79	9.2		
240	6.8	5.50	5.4	MDX 39	4P
261	6.3	5.07	5.5	MDXF 59	4P
303	5.4	4.35	12		
348	4.7	3.79	14		
372	4.4	3.55	15		
421	3.9	3.14	16		
453	3.6	2.91	18		
503	3.2	2.64	20		
557	2.9	2.37	22		
647	2.6	2.04	26		
688	2.4	1.92	28		
769	2.1	1.65	31		
0.25KW					
0.13	14890	8743	0.65	MD 149-MD79	4P
0.15	12544	6443	1.00	MDF 149-MD79	4P
0.18	10700	7307	1.20		
0.20	9545	6447	1.35		
0.23	8242	5048	1.55		
0.26	7448	4926	1.70		
0.30	6439	4325	2.0		
0.35	5674	3754	2.3		
0.39	4800	3302	2.6		
0.45	4262	2898	3.0		
0.22	8497	5814	0.00	MD 139-MD79	4P
0.25	7851	5116	1.00	MDF 139-MD79	4P
0.29	6605	4464	1.20		
0.33	5811	3928	1.35		
0.28	7281	4709	1.10	MD 139-MD79	4P
0.32	6213	4010	1.25	MDF 139-MD79	4P
0.37	5439	3518	1.40		
0.38	5104	3299	1.52		
0.44	4528	2929	1.75		
0.49	4105	2658	1.90	MD 139-MD79	4P
0.54	3724	2412	2.1	MDF 139-MD79	4P
0.63	3265	2073	2.5		
0.71	2754	1839	2.6		
0.84	2115	1383	3.7		
1.1	1652	1220	4.2		
0.43	4635	3039	0.00	MD 109-MD79	4P
				MDF 109-MD79	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.25KW					
0.43	4694	3034	0.00	MD 109-MD79	4P
				MDF 109-MD79	4P
0.46	3696	1946	1.41	MD 109-MD79	4P
0.71	2734	1827	1.55	MDF 109-MD79	4P
0.81	2362	1569	1.80		
0.93	2097	1400	2.0		
1.1	1803	1226	2.3		
1.4	1411	939	3.0		
1.6	1215	822	3.5		
0.75	2783	1733	1.05	MD 99-MD59	4P
0.80	2697	1623	1.15	MDF 99-MD59	4P
0.71	2991	1823	1.00	MD 99-MD59	4P
0.82	2519	1563	1.15	MDF 99-MD59	4P
0.93	2185	1396	1.35		
1.1	1901	1228	1.55		
1.2	1696	1057	1.72		
1.4	1409	938	1.95		
1.6	1274	824	2.3		
1.8	1107	737	2.6		
2.1	969	632	3.0		
1.1	1813	1145	0.85	MD 69-MD59	4P
1.2	1637	1037	0.95	MDF 89-MD59	4P
1.4	1469	931	1.05		
1.6	1240	802	1.20		
1.1	1764	1143	0.85	MD 69-MD59	4P
1.5	1392	885	1.10	MDF 89-MD59	4P
1.7	1225	776	1.25		
1.9	1071	695	1.40		
2.2	911	589	1.65		
2.5	804	525	1.90		
2.9	701	456	2.2		
4.9	407	266	3.7		
2.3	902	571	0.00	MD 79-MD39	4P
				MDF 79-MD39	4P
2.3	911	569	0.80	MD 79-MD39	4P
2.7	779	488	1.05	MDF 79-MD39	4P
3.0	691	436	1.15		
3.5	598	373	1.35		
4.0	524	327	1.55		
4.5	466	289	1.75		
5.0	417	269	1.95		
5.8	348	224	2.3		
3.4	606	356	0.95	MD 69-MD39	4P
3.8	554	344	1.05	MDF 69-MD39	4P
4.4	456	294	1.30		
5.0	417	261	1.40		
5.5	372	234	1.60		
6.5	314	200	1.85		
7.4	274	176	2.2		
8.2	245	158	2.4		
3.4	632	364	0.00	MD 69-MD39	4P
3.8	588	358	1.00	MDF 69-MD39	4P
4.2	505	310	1.15		
4.9	426	264	1.40		
5.5	377	235	1.55		
6.5	319	201	1.85		
7.2	289	181	2.0		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.25KW					
4.1	590	319	0.85	MD 59-MD39	4P
4.8	491	273	1.05	MDF 59-MD39	4P
5.4	372	241	1.20		
6.0	333	215	1.30		
7.0	294	187	1.50		
7.9	255	164	1.75		
9.2	221	142	2.0		
4.0	534	324	0.85	MD 59-MD39	4P
4.5	475	290	0.95	MDF 59-MD39	4P
5.0	426	262	1.05		
5.3	397	246	1.10		
5.9	353	220	1.25		
5.7	368	228	0.80	MD 49-MD39	4P
6.7	309	195	0.95	MDF 49-MD39	4P
7.1	289	182	1.00		
8.5	240	154	1.20		
6.7	245	150	0.88	MD 39-MD19	4P
10	206	130	0.95	MDF 39-MD19	4P
10	196	124	1.00		
12	176	110	1.10		
14	149	94	1.30		
9.7	216	135	0.90	MD 39-MD19	4P
10	219	127	0.95	MDF 39-MD19	4P
13	171	104	1.15		
14	147	90	1.35		
2.4	969	269.24	3.9	MD 99	8P
2.7	855	255.71	3.3	MDF 89	8P
2.9	806	341.25	3.5		
3.1	722	216.28	4.9		
2.8	827	240.54	1.80	MD 69	6P
3.1	722	216.54	2.0	MDF 80	8P
3.3	678	203.70	2.2		
3.7	609	181.77	2.4		
4.1	556	166.50	1.40	MD T9	8P
4.7	485	145.67	1.60	MDF T9	8P
5.0	455	136.28	1.72		
5.6	404	121.42	1.96		
4.5	504	195.24	1.55	MD T9	6P
5.3	428	166.50	1.80	MDF T9	6P
6.0	375	145.67	2.1		
6.7	342	195.24	2.3	MD T9	4P
7.8	290	166.50	2.7	MDF T9	4P
6.9	257	145.67	3.1		
9.5	210	136.78	3.2		
11	214	121.42	3.7		
4.3	527	156.14	1.16	MD 69	6P
4.9	461	137.07	1.25	MDF 80	8P
5.3	432	128.97	1.35		
6.0	380	113.94	1.50		
4.4	513	159.91	1.16	MD 80	6P
4.8	475	184.07	1.20	MDF 89	6P
5.6	400	158.14	1.40		
6.4	356	137.07	1.60		
6.6	333	128.97	1.70		
7.7	295	113.94	1.95		
8.3	271	105.83	2.1		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.25KW					
0.5	347	1091.81	1.65	MD 69	4P
0.6	323	1014.07	1.60	MDF 69	4P
0.7	270	956.14	2.1		
0.8	240	1137.67	2.4		
0.9	223	1128.97	2.5		
1.0	200	113.94	2.9		
1.2	184	935.83	3.1		
1.4	167	95.91	3.4		
1.5	150	88.31	3.8		
1.7	480	990.88	0.90	MD 59	6P
1.9	442	172.17	0.95	MDF 59	6P
2.0	380	140.92	1.10		
2.2	333	126.77	1.30		
2.5	309	120.63	1.35		
2.8	276	936.58	1.55		
2.9	257	98.89	1.70		
2.9	321	936.88	1.30	MD 59	4P
3.5	299	172.17	1.40	MDF 59	4P
3.8	257	147.92	1.65		
4.0	223	126.77	1.90		
4.1	209	120.63	2.0		
4.2	195	936.58	2.5		
4.3	173	98.89	2.5		
4.4	157	88.73	2.7		
4.6	141	80.55	3.0		
4.9	121	69.23	3.5		
7.4	309	176.98	0.90	MD 49	4P
8.0	265	952.94	1.00	MDF 49	4P
8.3	240	159.98	1.15		
8.5	214	121.67	1.35		
8.8	200	114.57	1.45		
9.0	176	100.66	1.65		
9.4	163	93.68	1.75		
9.5	148	84.90	1.90		
9.7	133	76.23	2.1		
9.9	120	68.54	2.4		
10.0	112	64.21	2.5		
10.3	99	56.73	2.9		
10.5	92	52.69	3.1		
10.7	84	47.75	3.4		
11.6	235	134.82	0.60	MD 39	4P
11.9	214	123.64	0.60	MDF 39	4P
12.2	193	105.28	1.05		
12.4	169	96.77	1.20		
12.5	147	84.61	1.30		
12.8	129	73.96	1.45		
12.9	121	69.33	1.55		
13.1	106	61.18	1.80		
13.3	97	55.76	1.95		
13.7	84	48.08	2.3		
13.9	78	44.81	2.4		
14.3	68	39.07	2.8		
14.5	64	36.72	3.0		
14.0	57	32.40	3.4		
15.5	148	84.78	0.65	MD 29	4P
15.8	129	78.11	0.95	MDF 29	4P
15.9	122	69.47	1.00		
16.1	107	61.30	1.15		
16.3	96	55.67	1.25		
16.7	85	48.57	1.45		
16.9	79	44.90	1.60		
17.3	68	39.25	1.85		
17.5	65	36.79	1.90		
18.0	57	32.47	2.2		
18.5	50	28.76	2.5		
18.9	43	24.47	2.9		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.25KW					
46	49	28.37	2.5	MD 29	4P
50	46	26.09	2.7	MDF 29	4P
58	39	22.32	3.2		
67	34	19.35	3.7		
72	33	18.68	3.9		
83	28	15.63	4.5		
96	23	13.28	5.3		
110	21	11.86	5.9		
128	18	10.13	6.6		
138	18	9.81	7.1		
159	14	8.16	7.7		
170	13	7.63	8.0		
197	11	6.59	8.8		
232	9.5	5.60	9.6		
260	8.7	5.00	10		
304	7.4	4.27	11		
321	6.9	4.00	12		
368	5.9	3.37	13		
23	100	57.35	0.80	MD 19	4P
24	94	53.76	0.85	MDF 19	4P
27	83	47.44	1.00		
29	77	44.18	1.05		
34	67	38.61	1.20		
36	64	36.20	1.30		
41	56	31.94	1.45		
46	49	28.32	1.65		
54	42	24.07	1.90		
52	44	25.23	1.85	MD 19	4P
56	41	23.15	2.0	MDF 19	4P
66	34	19.71	2.4		
77	29	16.89	2.7		
82	28	15.64	2.9		
94	24	13.64	3.4		
100	23	12.98	3.6		
114	20	11.45	3.9		
38	60	34.05	0.60	MD 09	4P
45	50	29.00	0.05	MDF 09	4P
49	48	26.97	1.00		
56	41	23.32	1.15		
60	38	21.73	1.25		
71	32	18.31	1.10	MD 09	4P
78	29	16.73	1.65	MDF 09	4P
92	25	14.12	1.95		
108	21	12.06	2.3		
116	20	11.16	2.4		
134	17	9.67	2.8		
148	16	9.01	3.0		
166	13	7.85	3.4		
174	13	7.48	3.1		
193	12	6.83	3.4		
229	09	5.76	3.8		
284	8.6	4.92	4.1		
285	8.0	4.57	4.3		
329	6.9	3.95	4.7		
353	6.5	3.68	4.9		
405	5.6	3.21	5.3		
145	16	6.07	2.6	MDK 69	6P
170	13	5.18	5.4	MDKF 69	6P
194	11	4.53	6.7		
207	11	4.25	6.9		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.25KW					
214	93	6.07	3.9	MDK 69	4P
251	9.0	5.18	7.9	MDKF 69	4P
297	7.9	4.53	9.9		
336	7.4	4.25	10		
345	6.6	3.77	13		
400	5.6	3.20	17		
450	5.0	2.89	20		
511	4.5	2.54	25		
542	4.2	2.40	26		
636	3.6	2.04	35		
160	14	5.50	2.6	MDK 59	6P
174	13	5.07	2.6	MDKF 59	6P
202	11	4.35	5.6		
232	9.5	3.79	6.7		
230	9.5	5.50	3.9	MDK 59	4P
257	8.9	5.07	3.9	MDKF 59	4P
269	7.6	4.35	8.5		
343	6.7	3.79	9.0		
398	6.2	3.55	11		
414	5.5	3.14	11		
446	5.0	2.01	13		
402	4.6	2.64	14		
548	4.2	2.37	16		
637	3.5	2.04	19		
677	3.3	1.92	20		
787	2.8	1.65	23		
0.37KW					
0.19	15582	7367	0.60	MD 149 MD79	4P
0.21	13818	6447	0.60	MDF 149 MD79	4P
0.25	11658	5566	1.05		
0.28	10002	4806	1.20		
0.32	9290	4325	1.35		
0.37	6914	3754	1.55		
0.42	7065	3362	1.69		
0.48	6104	2888	2.1		
0.31	9545	4464	0.60	MD 139 MD79	4P
0.35	8399	3928	0.05		
0.34	6888	4916	0.60	MD 139 MD79	6P
0.39	7781	3514	1.00	MDF 139 MD79	4P
0.41	7303	3299	1.06		
0.47	6468	2929	1.20		
0.56	5488	2484	1.45		
0.62	4929	2242	1.69		
0.52	5880	2658	1.35	MD 139 MD79	4P
0.57	5331	2412	1.45	MDF 139 MD79	4P
0.67	4586	2073	1.70		
0.75	3970	1839	1.95		
1.0	3807	1383	2.6		
1.1	2668	1220	2.9		
1.3	2367	1079	3.3		
1.4	2068	942	3.6		
0.67	4567	2067	0.00	MD 109 MD79	6P
0.82	3714	1693	1.10	MDF 109 MD79	4P
0.89	3352	1550	1.25		
0.98	3048	1457	1.40		
1.1	2617	1203	1.69		
1.3	2283	1055	1.85		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.37KW					
0.70	4315	1966	0.96	MD 109 MD79	4P
0.76	3949	1827	1.05	MDF 109 MD79	4P
0.86	3429	1599	1.25		
0.96	3028	1406	1.40		
1.1	2617	1226	1.60		
1.5	2029	939	2.1		
1.7	1754	822	2.4		
1.1	2705	1207	1.16	MD 99 MD59	4P
1.3	2423	1084	1.20	MDF 99 MD59	4P
0.99	3116	1396	0.96	MD 99 MD59	4P
1.1	2724	1226	1.16	MDF 99 MD59	4P
1.3	2403	1057	1.21		
1.5	2157	938	1.40		
1.7	1823	824	1.65		
1.9	1637	737	1.80		
2.2	1468	632	2.1		
3.2	960	431	3.1		
3.6	843	379	3.5		
4.1	750	336	3.9		
1.7	1774	802	0.85	MD 89 MD59	4P
1.8	1666	754	0.90	MDF 89 MD59	4P
2.1	1421	649	1.05		
1.8	1744	726	0.85	MD 89 MD59	4P
2.0	1539	695	1.00	MDF 89 MD59	4P
2.3	1313	599	1.15		
2.6	1147	525	1.30		
3.0	1009	456	1.50		
3.2	583	265	2.6		
5.9	515	235	2.9		
2.6	1219	531	1.27	MD 89 MD59	4P
2.9	1078	472	1.40	MDF 89 MD59	4P
3.5	911	403	1.65		
3.9	813	361	1.85		
3.7	841	373	0.95	MD 79 MD39	4P
4.2	749	327	1.16	MDF 79 MD39	4P
4.8	657	289	1.20		
5.3	588	260	1.35		
6.2	500	228	1.60		
7.0	436	197	1.85		
8.2	382	169	2.1		
9.5	333	148	2.4		
4.7	652	284	0.90	MD 69 MD39	4P
5.5	566	261	1.00	MDF 69 MD39	4P
5.9	520	234	1.16		
6.9	451	200	1.30		
2.7	1264	251.71	3.3	MD 69	6P
2.8	1189	341.25	2.4	MDF 69	6P
3.1	1064	216.28	2.7		
3.6	922	186.30	3.1		
3.1	1083	269.31	2.8	MD 99	6P
3.5	950	255.71	3.0	MDF 99	6P
3.7	903	241.25	3.2		
4.2	809	216.21	3.5		
3.1	1078	216.58	1.40	MD 89	8P
3.3	1007	203.70	1.46	MDF 89	8P
3.7	893	181.77	1.65		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_B	机型号 Type	极数 Pole P
0.37KW					
3.8	922	246.54	1.60	MD 69	6P
4.2	808	216.54	1.60	MDF 69	6P
4.4	762	203.79	1.92		
5.0	679	181.77	2.2		
5.6	580	155.34	2.5		
6.4	527	140.98	2.8		
4.7	717	145.67	1.10	MD 79	6P
5.0	676	136.78	1.16	MDF 79	6P
5.6	599	121.42	1.30		
5.4	632	166.58	1.25	MD 79	6P
6.2	542	145.67	1.45	MDF 79	6P
6.6	512	136.78	1.52		
7.8	475	185.24	1.65	MD 79	4P
8.5	408	166.58	1.90	MDF 79	4P
9.5	356	145.67	2.2		
10	333	136.78	2.3		
11	295	121.42	2.6		
13	252	102.99	3.1		
15	229	92.87	3.5		
5.7	580	158.14	0.95	MD 69	6P
6.5	513	137.67	1.10	MDF 69	6P
7.0	480	128.97	1.20		
7.9	423	113.04	1.35		
6.9	465	189.81	1.15	MD 69	4P
7.5	447	184.67	1.25	MDF 69	4P
8.7	385	158.14	1.50		
10	337	137.67	1.70		
11	314	128.97	1.80		
12	270	113.04	2.1		
13	257	105.83	2.2		
14	233	95.81	2.4		
16	209	86.11	2.7		
19	181	74.17	3.2		
20	170	69.75	3.4		
23	149	61.26	3.8		
24	139	56.89	4.1		
7.0	480	128.77	0.90	MD 59	6P
7.5	451	120.63	0.95	MDF 59	6P
8.4	398	106.58	1.10		
9.1	371	98.89	1.15		
7.4	450	186.88	0.95	MD 59	4P
8.0	418	172.17	1.00	MDF 59	4P
9.3	361	147.92	1.20		
11	314	128.77	1.35		
11	295	120.63	1.45		
13	261	106.58	1.65		
14	242	98.89	1.80		
15	219	89.71	1.95		
17	195	80.55	2.2		
20	169	69.23	2.5		
21	158	64.85	2.7		
24	140	57.20	3.1		
26	129	53.22	3.3		
29	118	48.23	3.6		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_B	机型号 Type	极数 Pole P
0.37KW					
9.9	342	139.99	0.85	MD 49	4P
11	295	121.07	0.95	MDF 49	4P
12	270	114.57	1.05		
14	247	100.98	1.15		
15	228	93.66	1.25		
16	204	84.90	1.40		
18	185	76.23	1.55		
20	167	68.54	1.70		
21	155	64.21	1.80		
24	136	56.73	2.1		
26	128	52.69	2.2		
29	116	47.75	2.5		
32	105	42.87	2.7		
37	90	36.93	3.2		
40	85	34.73	3.4		
41	83	33.79	2.8	MD 49	4P
44	76	31.12	2.9	MDF 49	4P
52	66	26.34	4.4		
59	57	23.28	5.0		
63	53	21.81	5.4		
15	219	90.77	0.85	MD 39	4P
16	204	84.61	0.90	MDF 39	4P
19	180	73.96	1.05		
20	169	69.33	1.15	MD 39	4P
23	149	61.16	1.30	MDF 39	4P
25	136	55.76	1.40		
29	117	48.08	1.60		
31	109	44.81	1.75		
35	95	39.12	2.0		
38	89	36.72	2.1		
43	79	32.48	2.4		
48	70	28.73	2.7		
57	60	24.42	3.2		
40	69	28.32	2.8	MD 39	4P
53	64	26.83	2.8	MDF 39	4P
62	54	22.27	3.5		
71	47	19.31	4.1		
76	44	18.05	4.3		
88	38	15.60	5.0	MD 39	4P
104	32	13.25	5.6	MDF 39	4P
117	29	11.03	6.0		
23	140	61.30	0.85	MD 29	4P
25	136	55.67	0.90	MDF 29	4P
29	117	48.37	1.05		
31	109	44.90	1.15		
35	96	39.25	1.30		
38	89	36.79	1.40		
43	79	32.47	1.55		
48	70	28.78	1.75		
56	60	24.47	2.1		
40	69	28.37	1.80	MD 29	4P
53	64	26.89	1.95	MDF 29	4P
62	54	22.32	2.3		
71	48	19.33	2.6		
76	44	18.88	2.8		
88	38	15.63	3.3		
104	32	13.28	3.8		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_B	机型号 Type	极数 Pole P
0.37KW					
38	94	38.01	0.85	MD 19	4P
39	88	36.20	0.90	MDF 19	4P
43	78	31.94	1.05		
49	69	28.32	1.15		
57	59	24.97	1.40		
55	62	25.23	1.30	MD 19	4P
60	56	23.15	1.45	MDF 19	4P
70	48	19.71	1.70		
81	42	16.99	1.95		
87	39	15.84	2.1		
100	33	13.84	2.4		
108	31	12.96	2.6		
121	28	11.45	2.8		
136	25	10.15	3.0		
160	21	8.63	3.3		
183	18	7.55	2.9		
190	17	7.04	3.1		
224	15	6.15	3.4		
239	14	5.76	3.6		
271	12	5.09	3.9		
308	11	4.51	4.2		
360	9.3	3.83	4.6		
75	45	18.31	1.05	MD 09	4P
83	41	16.73	1.15	MDF 09	4P
98	34	14.12	1.40		
114	29	12.06	1.60		
123	28	11.18	1.75		
143	24	9.67	2.0		
153	22	9.01	2.2		
176	19	7.85	2.4		
185	18	7.44	2.3		
202	17	6.83	2.5		
239	14	5.76	2.7		
280	12	4.92	2.9		
302	11	4.57	3.1		
350	9.5	3.95	3.4		
375	8.9	3.69	3.5		
430	7.8	3.21	3.8		
174	19	5.18	3.7	MDX 69	6P
189	17	4.53	4.6	MDXF 69	6P
211	16	4.25	4.8		
230	14	3.77	5.0		
227	15	6.07	2.8	MDX 69	4P
267	12	5.18	5.6	MDXF 69	4P
305	11	4.53	7.1		
325	10	4.25	7.4		
366	9.2	3.77	8.0		
431	7.8	3.20	12		
478	7.0	2.89	14		
543	6.2	2.54	18		
575	5.8	2.40	20		
675	4.9	2.04	26		
207	16	4.35	4.0	MDX 59	6P
238	14	3.79	4.6	MDXF 59	6P
254	13	3.55	5.0		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_B	机型号 Type	极数 Pole P
0.37KW					
251	13	5.58	2.8	MDX 59	4P
272	12	5.07	2.8	MDXF 59	4P
317	10	4.35	6.1		
364	9.2	3.70	7.1		
389	8.6	3.55	7.6		
449	7.6	3.14	8.1		
474	7.1	2.95	8.9		
523	6.5	2.64	10		
582	5.8	2.37	11		
676	4.9	2.04	13		
719	4.7	1.92	14		
835	4.0	1.65	16		
0.55KW					
0.12	39505	11816	0.89	MD 179MD39	4P
0.13	35603	10527	0.98	MDF 179MD39	4P
0.15	30157	8973	1.15		
0.25	19049	5559	1.84		
0.28	16998	4972	2.07		
0.22	19404	6077	0.98	MD 169MD39	4P
0.25	17248	5407	1.00	MDF 169MD39	4P
0.29	14700	4650	1.20		
0.33	12838	4129	1.35		
0.28	16562	4026	0.75	MD 149MD79	4P
0.31	14406	4325	0.98	MDF 149MD79	4P
0.36	12642	3754	1.00		
0.45	10979	3302	1.15		
0.47	9633	2898	1.30		
0.53	8712	2555	1.45	MD 149MD79	4P
0.62	7546	2211	1.70	MDF 149MD79	4P
0.70	6654	1958	1.90		
0.80	5604	1706	2.2		
0.89	5100	1536	2.5		
1.0	4429	1329	2.9		
1.2	3842	1166	3.3		
0.55	9477	3484	0.98	MD 139MD79	4P
				MDF 139MD79	4P
0.51	9065	2658	0.85	MD 139MD79	4P
0.56	8232	3412	0.95	MDF 139MD79	4P
0.66	7070	2073	1.10		
0.74	6194	1839	1.25		
0.85	5312	1568	1.50		
0.98	4656	1383	1.67		
1.1	4136	1226	1.90		
1.2	3657	1079	2.1		
1.4	3203	942	2.4		
1.6	2764	831	2.8		
0.97	4733	1407	0.98	MD 109MD79	4P
1.1	4067	1269	1.05	MDF 109MD79	4P
1.3	3548	1055	1.20		
1.5	3187	919	1.35		
1.7	2773	815	1.50		
1.9	2428	717	1.75		
2.2	2157	626	2.0		
0.97	4734	1409	0.98	MD 109MD79	4P
1.1	4066	1226	1.05	MDF 109MD79	4P
1.2	3665	1104	1.15		
1.4	3156	939	1.35		
1.7	2744	822	1.55		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.55KW						
1.7	2913	824	1.05	MD	99 MD59	4P
1.8	2559	737	1.15	MDF	99 MD59	4P
2.1	2196	632	1.35			
2.4	1882	560	1.55			
2.6	1657	494	1.60			
3.1	1486	431	2.0			
3.6	1294	379	2.3			
4.0	1150	336	2.6			
4.6	1009	296	2.9			
5.5	843	249	3.5			
2.6	1784	525	0.65	MD	69 MD59	4P
3.0	1548	456	1.60	MDF	99 MD59	4P
3.4	1343	398	1.15			
3.9	1188	352	1.30			
4.5	1019	305	1.50			
2.9	1656	472	0.60	MD	69 MD59	6P
3.4	1392	400	1.10	MDF	69 MD59	4P
3.8	1254	361	1.20			
4.9	979	276	0.65	MD	70 MD39	4P
5.8	823	236	1.60	MDF	70 MD39	4P
6.2	769	221	1.65			
7.3	647	186	1.25			
3.7	1681	255.71	1.50	MD	99	8P
3.8	1767	241.25	1.60	MDF	99	8P
3.1	1587	216.28	1.80			
3.1	1606	259.74	1.75	MD	99	6P
3.5	1410	255.71	2.0	MDF	99	6P
3.7	1340	241.25	2.1			
4.2	1197	216.28	2.4			
4.7	1054	259.74	2.7	MD	99	4P
5.3	941	255.71	3.0	MDF	99	4P
5.6	894	241.25	3.2			
6.3	798	216.28	3.6			
3.6	1368	246.54	1.10	MD	89	8P
4.2	1197	216.54	1.25	MDF	89	8P
4.6	1129	203.70	1.31			
5.0	1037	191.77	1.45			
5.6	933	155.34	1.70			
5.5	903	246.54	1.65	MD	89	4P
6.3	798	216.54	1.85	MDF	89	4P
6.7	746	203.70	1.97			
7.5	665	191.77	2.2			
8.8	579	155.34	2.6			
9.7	517	140.99	2.8			
11	461	124.97	3.2			
11	432	118.43	3.4			
13	380	103.65	3.9			
8.2	613	166.58	1.25	MD	79	4P
9.3	537	145.67	1.45	MDF	79	4P
9.9	502	136.70	1.57			
11	447	121.42	1.75			
13	380	102.99	2.1			
15	342	92.97	2.3			
17	299	81.80	2.6			
18	265	77.24	2.8			
21	242	65.77	3.2			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.55KW						
6.6	560	158.14	1.00	MD	69	4P
9.9	504	137.67	1.15	MDF	69	4P
11	475	129.97	1.20			
12	418	113.94	1.35			
13	388	105.83	1.45			
14	352	95.91	1.60			
16	318	86.51	1.80			
18	271	74.17	2.1			
20	257	69.75	2.2			
22	223	61.26	2.5			
24	209	56.89	2.7			
11	642	120.63	0.95	MD	59	4P
13	560	106.58	1.10	MDF	59	4P
14	381	98.99	1.20			
15	326	89.71	1.30			
17	295	80.55	1.45			
20	252	69.23	1.70			
21	238	64.85	1.80			
24	209	57.20	2.0			
26	195	53.22	2.2			
28	177	48.23	2.4			
31	159	43.39	2.7			
36	137	37.30	3.1			
39	129	35.67	3.3			
52	97	26.31	4.4	MD	39	4P
55	91	24.70	4.6	MDF	39	4P
62	81	21.03	5.3			
73	68	18.60	6.3			
15	342	83.68	0.85	MD	49	4P
16	314	84.90	0.90	MDF	49	4P
18	280	76.23	1.00			
20	252	68.54	1.15			
21	238	64.21	1.20			
24	209	56.73	1.35			
26	195	52.69	1.45			
28	175	47.75	1.65			
32	158	42.57	1.80			
37	136	36.93	2.1			
39	127	34.73	2.2			
46	109	29.66	2.6			
51	98	26.74	2.9	MD	49	4P
58	86	23.26	3.3	MDF	49	4P
62	80	21.81	3.6			
22	223	61.16	0.85	MD	39	4P
24	204	55.70	0.95	MDF	39	4P
28	177	48.98	1.10			
30	164	44.81	1.15			
35	140	39.57	1.36			
37	135	36.72	1.40			
42	119	32.49	1.60			
47	105	28.73	1.80			
56	89	24.42	2.1			
61	82	22.27	2.3	MD	39	4P
70	71	19.31	2.7	MDF	39	4P
75	67	18.65	2.9			
87	57	15.60	3.3			
103	49	13.25	3.7			
115	44	11.83	4.0			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.55KW						
35	144	39.25	0.65	MD	29	4P
37	135	36.79	0.60	MDF	29	4P
42	119	32.47	1.05			
47	105	28.78	1.15			
56	90	24.47	1.40			
61	82	22.32	1.55	MD	29	4P
70	71	19.35	1.75	MDF	29	4P
75	67	18.06	1.85			
87	57	15.63	2.2			
102	48	13.26	2.5			
115	44	11.86	2.8			
134	37	10.13	3.1			
145	34	9.41	3.4			
167	30	8.16	3.7			
179	28	7.63	3.8			
209	25	6.59	4.2			
243	21	5.63	4.6			
272	18	5.00	4.6			
318	16	4.27	5.3			
340	14	4.00	5.5			
404	12	3.37	6.1			
69	72	19.71	1.10	MD	19	4P
80	63	16.99	1.30	MDF	19	4P
90	56	15.84	1.40			
98	51	13.84	1.60			
105	48	12.96	1.79			
119	42	11.45	1.65			
134	37	10.15	1.85			
159	31	8.63	2.2			
180	28	7.55	1.90			
193	26	7.04	2.0			
221	23	6.15	2.3			
236	21	5.76	2.4			
267	19	5.09	2.6			
302	16	4.51	2.9			
355	14	3.83	3.0			
144	29	5.18	2.5	MDK	69	6P
169	25	4.55	3.1	MDKF	69	6P
211	23	4.25	3.2			
239	21	3.77	4.0			
263	19	5.18	3.6	MDK	69	4P
302	17	4.53	4.2	MDKF	69	4P
320	16	4.25	4.9			
360	14	3.77	6.0			
425	11	3.20	8.1			
471	10	2.89	9.5			
535	9.3	2.54	12			
567	8.8	2.40	13			
699	7.5	2.04	17			
732	6.8	1.66	18			
845	5.0	1.01	18			
207	24	4.35	2.7	MDK	59	6P
238	21	3.79	3.1	MDKF	59	6P
254	20	3.55	3.3			
287	17	3.14	3.6			
309	16	2.91	3.9			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.55KW						
312	16	4.35	4.1	MDK	59	4P
359	14	3.79	4.7	MDKF	59	4P
383	13	3.55	5.0			
434	11	3.14	5.4			
487	10	2.91	6.0			
565	8.5	2.64	6.6			
624	8.7	2.37	7.5			
666	7.5	2.04	8.7			
769	7.0	1.92	9.3			
823	6.1	1.65	11			
921	5.4	1.48	12			
1079	4.6	1.29	13			
0.75KW						
0.15	41614	8973	0.84	MD	179 MD59	4P
0.25	25964	5599	1.35	MDF	179 MD59	4P
0.28	23557	4972	1.52			
0.44	14535	3134	2.41			
0.50	12771	2754	2.74			
0.55	11758	2535	2.98			
0.30	20286	4650	0.83	MD	169 MD39	4P
0.33	17838	4129	1.00	MDF	169 MD39	4P
0.52	10558	2657	1.50	MD	169 MD39	4P
0.59	10260	2333	1.70	MDF	169 MD39	4P
0.66	9114	2085	1.85			
0.96	6413	1438	2.8			
0.42	14994	3332	0.85	MD	149 MD79	4P
0.48	13132	2668	0.95	MDF	149 MD79	4P
0.54	11556	2555	1.16	MD	149 MD79	4P
0.62	10290	2211	1.25	MDF	149 MD79	4P
0.71	8945	1959	1.40			
0.81	7789	1765	1.65			
0.90	6997	1536	1.80			
1.5	6047	1329	2.1			
1.2	5272	1168	2.4			
0.74	8555	1863	0.98	MD	139 MD79	4P
0.87	7242	1586	1.15	MDF	139 MD79	4P
0.99	6448	1391	1.20			
1.1	5602	1256	1.35			
0.87	9014	2073	0.80	MD	139 MD79	4P
0.75	8436	1839	0.95	MDF	139 MD79	4P
0.86	7282	1598	1.10			
1.0	6303	1383	1.21			
1.1	5635	1226	1.40			
1.3	4986	1079	1.57			
1.4	4358	942	1.82			
1.7	3783	831	2.1			
1.9	3293	730	2.4			
1.3	4848	1055	0.85	MD	109 MD79	4P
1.5	4224	919	1.00	MDF	109 MD79	4P
1.7	3763	815	1.16			
1.5	6312	939	1.00	MD	109 MD79	4P
1.7	3753	822	1.10	MDF	109 MD79	4P
3.7	1670	369	2.5			
4.3	1469	323	2.9			
2.2	2938	632	1.00	MD	99 MD59	4P
2.5	2568	560	1.15	MDF	99 MD59	4P
2.9	2225	484	1.30			
3.2	2009	431	1.45			
3.6	1784	379	1.65			
4.1	1568	336	1.90			
4.7	1372	296	2.1			
5.5	1147	249	2.6			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.75KW						
3.5	9533	396	0.65	MD	69/MD69	4P
3.9	9017	352	0.95	MDF	69/MD69	4P
4.5	8401	305	1.10			
5.2	7230	268	1.25			
5.9	6369	236	1.40			
3.8	8795	361	0.80	MD	69/MD69	4P
4.6	8401	309	1.10	MDF	69/MD69	4P
5.4	7196	256	1.25			
2.9	2460	251.15	1.65	MD	100	6P
3.0	2271	229.95	1.80	MDF	100	6P
3.4	2005	203.16	2.0			
3.2	2128	216.28	1.35	MD	89	6P
3.7	1934	196.36	1.55	MDF	89	6P
4.1	1672	170.02	1.70			
3.5	5029	255.71	1.45	MD	99	6P
3.7	5024	241.25	1.55	MDF	99	6P
4.2	4034	216.28	1.75			
4.0	5425	289.74	2.0	MD	99	4P
4.4	5264	255.71	2.3	MDF	99	4P
5.7	4188	241.25	2.4			
6.4	5004	216.28	2.7			
7.4	922	196.36	3.1			
8.1	630	170.02	3.4			
4.2	9054	216.54	0.80	MD	89	6P
4.8	8543	203.76	0.95	MDF	89	6P
5.0	8378	181.77	1.05			
5.8	8176	155.34	1.25	MD	89	6P
6.4	8003	140.99	1.35	MDF	89	6P
5.6	5218	248.54	1.30	MD	89	4P
6.4	5004	216.54	1.40	MDF	89	4P
6.8	5007	203.76	1.45			
7.6	893	181.77	1.65			
8.9	770	155.34	1.99			
9.8	690	140.99	2.1			
11	618	124.97	2.4			
12	584	118.43	2.5			
13	513	103.65	2.9			
15	461	93.38	3.2			
8.3	817	106.59	0.65	MD	79	4P
9.5	717	145.67	1.10	MDF	79	4P
10	676	136.76	1.16			
11	599	121.42	1.30	MD	79	4P
13	508	102.99	1.55	MDF	79	4P
15	461	92.97	1.70			
17	404	81.80	1.95			
18	360	77.24	2.1			
21	323	65.77	2.4			
24	280	57.09	2.7			
27	257	52.07	3.0			
30	228	45.81	3.5			
32	214	43.26	3.7			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.75KW						
11	637	128.97	0.80	MD	89	4P
12	561	113.94	1.00	MDF	89	4P
13	523	106.03	1.10			
14	475	95.91	1.20			
16	423	86.11	1.35			
18	368	74.57	1.55			
20	342	69.75	1.65			
23	304	61.26	1.90			
24	280	56.80	2.0			
27	257	51.56	2.2			
30	228	46.20	2.5			
13	527	106.56	0.80	MD	89	4P
14	489	98.99	0.90	MDF	89	4P
15	442	89.71	0.95			
17	399	80.55	1.10			
20	342	69.23	1.25			
21	318	64.85	1.35			
24	280	57.29	1.50			
26	261	53.22	1.65	MD	89	4P
29	236	48.23	1.80	MDF	89	4P
32	214	43.30	2.0			
37	184	37.30	2.3			
39	173	35.07	2.5			
46	149	30.18	2.9			
51	133	26.97	3.2			
52	130	26.31	3.3	MD	89	4P
56	122	24.79	3.5	MDF	89	4P
63	106	21.93	4.0			
74	92	18.60	4.7			
26	337	68.54	0.85	MD	89	4P
29	305	64.21	0.90	MDF	89	4P
34	260	56.73	1.00			
28	261	52.60	1.10	MD	89	4P
29	236	47.75	1.20	MDF	89	4P
32	214	42.67	1.35			
37	182	36.93	1.55			
40	171	34.73	1.65			
46	147	29.88	1.85			
52	132	26.78	2.2			
60	112	22.81	2.6			
52	132	26.74	2.2	MD	89	4P
56	115	23.26	2.5	MDF	89	4P
63	107	21.68	2.7			
72	95	19.27	3.0			
77	88	17.89	3.1			
85	80	16.22	3.3			
28	238	48.08	0.80	MD	99	4P
31	223	44.81	0.85	MDF	99	4P
35	195	39.17	1.00			
38	181	36.72	1.05	MD	89	4P
43	160	32.40	1.20	MDF	89	4P
48	142	28.73	1.35			
57	121	24.42	1.60			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.75KW						
62	110	22.27	1.75	MD	39	4P
71	95	19.31	2.0	MDF	39	4P
76	89	18.05	2.1			
89	77	15.60	2.5			
104	66	13.25	2.8			
117	58	11.83	3.0			
137	50	10.11	3.2			
146	47	9.47	3.4			
49	142	28.78	0.65	MD	29	4P
56	121	24.47	1.00	MDF	29	4P
62	119	22.32	1.10	MD	29	4P
71	95	19.35	1.30	MDF	29	4P
76	89	18.08	1.40			
89	77	15.63	1.60			
104	66	13.28	1.90			
116	59	11.86	2.1			
136	50	10.13	2.3			
147	47	9.41	2.5			
169	40	8.16	2.7			
181	38	7.63	2.8			
209	32	6.59	3.1			
246	28	5.60	3.4			
276	25	5.00	3.7			
70	97	19.73	0.85	MD	19	4P
81	84	16.99	0.95	MDF	19	4P
87	78	15.84	1.05			
100	68	13.84	1.20			
109	64	12.96	1.25			
121	56	11.45	1.35			
136	50	10.15	1.40			
160	43	8.63	1.60			
193	37	7.55	1.45			
190	35	7.04	1.50			
224	30	6.15	1.70			
239	29	5.76	1.75			
271	25	5.09	1.95			
308	22	4.51	2.1			
360	19	3.83	2.3			
199	54	4.53	2.0	MDK	69	6P
211	32	4.25	2.3	MDKF	69	6P
239	29	3.77	2.9			
291	25	3.20	3.9			
257	26	5.18	2.0	MDK	69	4P
305	23	4.53	3.5	MDKF	69	4P
325	21	4.25	3.6			
368	19	3.77	4.4			
431	16	3.20	6.0			
478	14	2.89	7.9			
543	12	2.54	8.9			
575	12	2.40	9.6			
675	10	2.04	13			
743	9.1	1.86	13			
858	7.9	1.61	14			
238	29	3.79	2.3	MDK	59	6P
254	27	3.55	2.4	MDKF	59	6P
287	24	3.14	2.6			
309	22	2.91	2.9			
341	20	2.64	3.3			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.75KW						
397	22	4.35	3.0	MDK	59	4P
364	19	3.70	3.5	MDKF	59	4P
389	17	3.55	3.8			
449	15	3.14	4.0			
474	14	2.96	4.4			
523	13	2.64	5.0			
582	11	2.37	5.6			
676	10	2.04	6.5			
759	9.5	1.92	6.9			
835	8.2	1.65	8.0			
925	7.3	1.46	8.8			
1094	6.3	1.26	9.6			
1.1KW						
0.25	37809	5569	0.90	MD	179/MD99	4P
0.28	33575	4972	1.04	MDF	179/MD99	4P
0.31	30019	4445	1.17			
0.35	26996	3997	1.30			
0.40	23426	3469	1.49			
0.45	21166	3134	1.65			
0.51	18597	2754	1.88			
0.56	17124	2536	2.04			
0.62	15279	2262	2.29			
0.69	13779	2040	2.54			
0.77	12294	1820	2.85			
0.53	17542	2597	1.00	MD	169/MD99	4P
0.60	15291	2333	1.15	MDF	169/MD99	4P
0.67	13524	2085	1.30			
0.75	12054	1877	1.45			
0.84	10700	1670	1.65			
0.97	9456	1438	1.85			
1.1	8448	1279	2.1			
1.2	7366	1123	2.4			
0.53	14894	2211	0.85	MD	149/MD79	4P
0.72	13230	1951	0.95	MDF	149/MD79	4P
0.82	11460	1705	1.10			
0.91	10290	1536	1.25			
1.1	8679	1329	1.45			
1.2	7762	1906	1.65			
1.4	6821	1029	1.65			
1.6	5609	850	2.2			
1.8	5104	784	2.5			
2.0	4586	695	2.8			
1.0	9419	1386	0.85	MD	139/MD79	4P
1.1	8457	1256	0.99	MDF	139/MD79	4P
1.3	7430	1105	1.05			
1.3	7017	1043	1.10			
1.6	5949	888	1.30			
1.0	9343	1383	0.86	MD	139/MD79	4P
1.1	8252	1226	0.95	MDF	139/MD79	4P
1.3	7286	1079	1.06			
1.5	6368	942	1.21			
1.7	5557	831	1.40			
1.9	4858	730	1.60			
2.2	4145	629	1.90			
2.5	3753	560	2.1			
2.9	3234	480	2.4			
1.9	4838	717	0.85	MD	109/MD79	4P
				MDF	109/MD79	4P
2.3	4097	614	1.05	MD	109/MD79	4P
2.6	3597	544	1.15	MDF	109/MD79	4P
2.8	3284	492	1.30			
3.4	2754	417	1.55			
3.9	2460	369	1.70			
4.3	2150	323	1.95			
4.9	1891	285	2.2			
5.5	1666	253	2.5			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
1.1KW						
3.2	2930	431	1.60	MD	99MD59	4P
3.7	2568	379	1.15	MDF	99MD59	4P
4.2	2283	336	1.30			
4.7	2039	296	1.45			
5.6	1678	249	1.75			
6.0	1556	234	1.90			
6.7	1401	209	2.1			
5.2	1603	269	0.65	MD	99MD59	4P
5.9	1397	236	0.95	MDF	99MD59	4P
6.7	1401	209	1.60			
5.5	1364	256	0.65	MD	89MD59	4P
6.0	1578	232	0.95	MDF	89MD59	4P
7.2	1343	195	1.15			
2.7	3743	251.15	1.10	MD	109	6P
2.9	3430	229.95	1.20	MDF	109	6P
3.3	3031	203.16	1.35			
3.9	2565	172.34	1.60			
3.8	2774	255.71	1.05	MD	99	6P
3.6	2613	241.25	1.10	MDF	99	6P
4.2	2347	216.28	1.20			
4.9	2024	936.36	1.40			
5.5	1924	255.71	1.55	MD	99	4P
5.8	1726	241.25	1.65	MDF	99	4P
6.5	1539	216.28	1.85			
7.5	1330	936.36	2.2			
8.2	1216	179.02	2.4			
9.3	1074	150.76	2.7			
11	903	126.75	3.2			
12	827	116.49	3.4			
6.5	1539	216.54	0.95	MD	89	4P
6.9	1449	203.79	1.01	MDF	89	4P
7.7	1292	931.77	1.15			
8.0	1112	155.34	1.35	MD	89	4P
8.9	1006	140.99	1.46	MDF	89	4P
11	893	124.97	1.65			
12	640	118.43	1.75			
14	748	103.68	2.0			
15	665	93.38	2.2			
17	594	83.92	2.5			
19	513	71.84	2.9			
22	458	63.68	3.2			
23	432	60.35	3.4			
27	375	52.82	3.9			
12	885	121.42	0.90	MD	79	4P
14	736	102.99	1.05	MDF	79	4P
15	665	92.87	1.20			
17	594	83.60	1.35	MD	79	4P
18	551	77.24	1.40	MDF	79	4P
21	476	65.77	1.65			
24	413	57.68	1.90			
27	371	52.07	2.1			
31	328	45.81	2.4			
32	309	43.26	2.5			
38	261	36.83	3.0			
42	236	33.47	3.3			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
1.5KW						
10	613	86.11	0.85	MD	89	4P
10	527	74.57	1.10	MDF	89	4P
20	499	69.75	1.15			
23	437	61.26	1.30			
25	404	56.89	1.40			
27	366	51.56	1.55			
30	326	46.29	1.75			
35	285	39.87	1.95			
37	266	37.50	2.0			
43	228	32.27	2.2			
49	204	28.63	2.4			
50	200	28.13	2.6	MD	89	4P
53	188	26.41	2.7	MDF	89	4P
60	167	23.44	3.2			
70	142	19.89	4.0			
20	494	69.23	0.85	MD	89	4P
22	461	64.85	0.90	MDF	89	4P
24	409	57.29	1.05			
26	380	53.22	1.15	MD	89	4P
29	342	48.23	1.25	MDF	89	4P
32	309	43.30	1.40			
36	266	37.30	1.60			
40	252	35.07	1.79			
46	214	30.15	2.0			
52	190	26.97	2.2			
53	187	26.31	2.3	MD	89	4P
57	177	24.79	2.4	MDF	89	4P
64	157	21.93	2.7			
75	133	18.60	3.2			
83	120	16.79	3.6			
29	342	47.75	0.85	MD	89	4P
33	304	42.67	0.95	MDF	89	4P
38	261	36.93	1.10			
40	247	34.73	1.15			
47	214	29.68	1.35			
52	196	26.79	1.50			
61	163	22.81	1.76			
66	186	23.28	1.79	MD	89	4P
64	156	21.85	1.65	MDF	89	4P
75	136	19.27	2.0			
78	127	17.80	2.2			
86	116	16.22	2.3			
96	104	14.56	2.4			
112	89	12.54	2.7			
119	85	11.79	2.8			
139	72	10.15	3.0			
158	65	9.07	3.2			
43	233	32.40	0.80	MD	89	4P
48	204	28.73	0.95	MDF	89	4P
57	174	24.42	1.10			
71	138	19.31	1.40	MD	89	4P
78	126	18.05	1.50	MDF	89	4P
86	111	15.60	1.79			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
1.1KW						
100	94	13.25	1.00	MD	39	4P
118	85	11.63	2.1	MDF	39	4P
139	72	10.11	2.2			
148	67	9.47	2.4			
176	57	7.97	2.6			
210	48	6.67	3.0			
247	41	5.67	3.3			
277	36	5.00	3.6			
72	136	19.35	0.50	MD	29	4P
77	120	16.96	0.55	MDF	29	4P
90	111	15.63	1.10			
105	95	13.28	1.30			
118	85	11.96	1.45			
139	72	10.13	1.60			
172	56	8.16	1.90			
194	54	7.63	1.65			
212	48	6.79	2.1			
250	40	5.60	2.4			
280	36	5.00	2.5			
328	30	4.27	2.7			
350	29	4.00	2.8			
415	24	3.37	3.1			
249	40	5.63	2.6	MDK	79	4P
284	38	5.30	2.6	MDKF	79	4P
298	34	4.73	3.5			
203	49	4.53	1.60	MDK	69	6P
217	46	4.25	1.67	MDKF	69	6P
244	41	3.77	2.0			
339	32	4.53	2.4	MDK	69	4P
330	30	4.25	2.5	MDKF	69	4P
371	27	3.77	3.1			
438	23	3.20	4.2			
485	21	2.89	4.9			
551	18	2.54	6.2			
583	17	2.40	6.8			
665	14	2.04	6.6			
754	13	1.86	9.1			
870	11	1.61	9.4			
1000	10	1.40	9.8			
243	41	3.79	1.60	MDK	59	6P
256	39	3.55	1.79	MDKF	59	6P
293	34	3.14	1.80			
316	31	2.91	2.0			
383	29	2.64	2.3			
359	27	3.79	2.4	MDK	59	4P
304	26	3.55	2.6	MDKF	59	4P
440	23	3.14	2.8			
491	21	2.91	3.1			
530	19	2.64	3.5			
501	17	2.37	3.9			
660	14	2.04	4.5			
720	13	1.92	4.8			
847	11	1.65	5.6			
948	10	1.48	6.1			
1109	9.0	1.26	6.6			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
1.5KW						
0.31	41330	4445	0.85	MD	179MD99	4P
0.35	37253	3997	0.94	MDF	179MD99	4P
0.40	32306	3469	1.08			
0.45	29193	3134	1.20			
0.51	25642	2754	1.36			
0.55	23659	2536	1.48			
0.62	21006	2202	1.68			
0.69	18898	2043	1.84			
0.77	16859	1829	2.06			
0.99	13144	1410	2.66			
1.2	11203	1203	3.12			
0.60	20972	2133	0.85	MD	169MD99	4P
0.68	18620	2085	0.95	MDF	169MD99	4P
0.75	16669	1677	1.05			
0.84	14799	1439	1.20			
0.98	13034	1428	1.35			
1.1	11554	1279	1.50			
1.3	10094	1123	1.75			
1.4	8996	990	1.95			
3.3	3942	426	3.3	MD	149MD99	4P
3.8	3312	368	3.8	MDF	149MD99	4P
0.93	15582	1795	0.80	MD	149MD79	4P
0.92	14854	1536	0.90	MDF	149MD79	4P
1.1	12152	1329	1.05			
1.2	10584	1166	1.20			
1.4	9339	1029	1.35			
1.6	8265	899	1.60			
1.8	7115	784	1.80			
2.0	6292	695	2.0			
2.3	5604	619	2.3			
2.5	5066	558	2.5			
1.4	9575	1043	0.99	MD	139MD79	4P
1.6	8124	886	0.95	MDF	139MD79	4P
2.0	6320	689	1.25			
2.3	5527	603	1.40			
1.3	9855	1079	0.81	MD	139MD79	4P
1.5	8678	942	0.91	MDF	139MD79	4P
1.7	7565	831	1.05			
1.9	6675	730	1.20			
2.2	5694	629	1.40			
2.5	5121	560	1.55			
2.9	4439	492	1.75			
3.3	3871	428	2.0			
3.7	3469	381	2.3			
4.4	2900	323	2.7			
2.7	4802	528	0.99	MD	109MD79	4P
				MDF	109MD79	4P
3.0	4029	544	0.85	MD	109MD79	4P
2.9	4459	492	0.96	MDF	109MD79	4P
3.4	3773	417	1.16			
3.5	3301	369	1.25			
4.4	2940	323	1.45			
3.0	4381	482	0.95	MD	109MD79	4P
				MDF	109MD79	4P
4.2	3107	336	0.95	MD	99MD59	4P
4.0	2734	300	1.16	MDF	99MD59	4P
5.7	2283	249	1.30			
6.0	2136	234	1.40			
6.6	1911	209	1.55			
3.0	4475	220.95	0.96	MD	109	6P
3.5	3952	203.16	1.05	MDF	109	6P
4.1	3354	172.34	1.30			
4.4	3068	158.66	1.30			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
1.5KW					
3.7	3715	251.85	1.10	MD 109	6P
4.0	3401	229.95	1.20	MDF 109	6P
4.5	3002	203.16	1.35		
5.3	2549	172.34	1.60		
5.8	2347	158.66	1.75		
6.5	2109	141.83	1.95		
5.5	2409	255.71	1.15	MD 99	4P
5.8	2328	241.25	1.20	MDF 99	4P
6.5	2090	216.20	1.35		
7.6	1796	186.30	1.60		
8.3	1644	170.02	1.75		
9.3	1454	150.76	1.95		
11	1228	126.75	2.3		
12	1121	116.48	2.5		
14	998	103.44	2.9		
15	893	92.48	3.2		
7.8	1738	181.77	0.65	MD 89	4P
8.1	1661	155.34	1.60	MDF 89	4P
10	1364	140.99	1.66		
11	1287	124.97	1.25		
12	1140	118.43	1.30		
14	998	103.65	1.45		
15	903	93.38	1.65	MD 89	4P
17	789	81.92	1.85	MDF 89	4P
19	691	71.84	2.1		
22	613	63.68	2.4		
23	584	60.35	2.5		
27	508	52.82	2.9		
30	461	47.56	3.2		
34	404	41.74	3.7		
38	350	36.84	4.1		
15	893	92.97	0.65	MD 79	4P
17	789	81.92	1.69	MDF 79	4P
19	746	77.24	1.65		
21	637	65.77	1.25		
24	556	57.69	1.40	MD 79	4P
27	504	52.07	1.55	MDF 79	4P
31	442	45.81	1.75		
33	418	43.26	1.85		
38	356	36.83	2.2		
42	323	33.47	2.4		
49	280	29.09	2.8		
58	242	25.23	3.0		
68	228	23.37	3.5	MD 79	4P
67	207	21.21	3.8	MDF 79	4P
75	191	19.83	4.1		
23	569	61.26	0.85	MD 69	4P
25	551	56.89	1.65	MDF 69	4P
27	466	51.56	1.15		
30	447	46.29	1.30		
35	393	39.87	1.45		
38	361	37.50	1.50		
44	314	32.27	1.65		
49	280	28.83	1.80		
50	271	28.13	1.90	MD 69	4P
54	254	26.41	2.0	MDF 69	4P
60	229	23.44	2.4		
71	195	19.89	3.0		
79	173	17.95	3.2		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
1.5KW					
27	515	53.22	0.65	MD 59	4P
29	466	48.23	0.80	MDF 59	4P
33	419	43.30	1.00		
38	361	37.30	1.20	MD 59	4P
40	337	35.07	1.25	MDF 59	4P
47	290	30.16	1.45		
52	261	26.97	1.65		
54	252	26.31	1.75	MD 59	4P
57	239	24.79	1.77	MDF 59	4P
64	214	21.83	2.0		
76	180	18.60	2.4		
84	162	16.79	2.6		
96	143	14.77	2.9		
101	135	13.95	3.0		
119	115	11.88	3.4		
38	356	36.93	0.60	MD 49	4P
41	337	34.73	0.65	MDF 49	4P
47	290	29.88	1.00		
53	257	26.70	1.10		
62	220	22.81	1.29		
61	223	23.28	1.25	MD 49	4P
65	209	21.61	1.35	MDF 49	4P
73	186	19.27	1.50		
79	173	17.89	1.60		
87	157	16.22	1.65		
97	141	14.56	1.80		
112	121	12.54	1.85		
120	114	11.79	2.1		
139	98	10.15	2.2		
155	87	9.07	2.4		
162	74	7.75	2.6		
192	75	7.76	2.1		
203	67	6.96	2.3		
225	58	6.00	2.6		
250	54	5.64	2.7		
291	47	4.85	3.0		
325	42	4.34	3.3		
381	36	3.79	3.6		
73	186	19.31	1.00	MD 39	4P
78	174	18.05	1.10	MDF 39	4P
96	151	15.60	1.25		
109	128	13.25	1.40	MD 39	4P
119	114	11.83	1.50	MDF 39	4P
140	98	10.11	1.65		
149	91	9.47	1.75		
177	77	7.97	1.05		
211	65	6.67	2.1		
249	55	5.67	2.5		
279	48	5.08	2.6		
326	42	4.32	2.9		
348	39	4.05	3.0		
419	33	3.41	3.2		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
1.5KW					
90	151	15.63	0.60	MD 29	4P
106	128	13.26	0.65	MDF 29	4P
119	115	11.88	1.05		
139	98	10.13	1.20		
173	79	8.16	1.40		
185	74	7.63	1.45		
214	64	6.59	1.65		
252	54	5.60	1.75		
282	48	5.00	1.85		
330	41	4.27	2.0		
353	39	4.00	2.1		
418	32	3.37	2.3		
250	54	5.65	1.00	MDK 79	4P
266	51	5.30	1.02	MDKF 79	4P
295	46	4.73	2.0		
349	39	4.04	3.5		
398	36	3.67	4.1		
454	31	3.25	5.5		
495	29	3.09	6.2		
529	26	2.78	7.9		
581	24	2.43	8.7		
312	44	4.53	1.88	MDK 69	4P
332	41	4.25	1.87	MDKF 69	4P
374	36	3.77	2.3		
441	31	3.20	3.1		
488	28	2.89	3.0		
555	25	2.54	4.6		
589	23	2.40	5.0		
690	20	2.04	6.4		
759	18	1.86	6.7		
876	15	1.61	7.9		
1065	13	1.49	7.5		
372	37	3.79	1.60	MDK 59	4P
397	34	3.55	1.66	MDKF 59	4P
450	30	3.14	2.0		
498	29	2.91	2.3		
534	26	2.64	2.6		
595	23	2.37	2.9		
691	20	2.04	3.3		
734	19	1.92	3.5		
853	16	1.65	4.1		
955	14	1.44	4.5		
1114	12	1.26	4.9		
2.2KW					
0.45	41651	392	0.64	MD 176MD109	4P
0.54	34870	2583	1.08	MDF 176MD109	4P
0.62	30612	2267	1.14		
0.69	29000	2144	1.21		
0.73	26137	1940	1.34		
0.82	23236	1725	1.51		
0.90	21044	1562	1.66		
1.0	19001	1395	1.88		
1.1	16872	1253	2.07		
1.3	14060	1044	2.69		
1.4	13263	985	2.64		
1.6	11949	886	2.03		
0.45	42469	3134	0.62	MD 179 MD99	4P
0.51	37581	2758	0.94	MDF 179 MD99	4P
0.58	34393	2539	1.02		
0.62	30677	2262	1.14		
0.69	27600	2040	1.27		
0.77	24694	1820	1.42		
1.0	19141	1412	1.83		
1.2	16315	1203	2.15		
1.2	15401	1136	2.27		
1.5	13127	968	2.67		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
2.2KW					
0.94	22148	1679	0.89	MD 169 MD99	4P
0.98	19306	1436	0.96	MDF 169 MD99	4P
1.1	17150	1279	1.05		
1.3	14964	1123	1.15		
1.4	13328	999	1.30		
1.6	11554	861	1.55		
1.9	10142	760	1.75		
2.1	8555	656	2.1		
2.0	7656	533	1.80	MD 149 MD99	4P
3.1	6000	462	2.1	MDF 149 MD99	4P
3.3	5701	426	2.2		
3.9	4929	369	2.6		
4.3	4363	326	2.9		
1.2	15689	1166	0.86	MD 149 MD79	4P
1.4	13818	1029	0.96	MDF 149 MD79	4P
1.6	11050	809	1.05		
1.8	10564	784	1.20		
2.0	9330	695	1.35		
2.5	8379	619	1.50		
2.5	7536	558	1.70		
2.9	6565	489	1.95		
2.0	3428	650	0.85	MD 139 MD79	4P
2.3	8183	609	0.95	MDF 139 MD79	4P
1.9	9500	730	0.89	MD 139 MD79	4P
2.2	8436	629	0.96	MDF 139 MD79	4P
2.5	7525	560	1.05		
2.9	6586	490	1.20		
3.3	5743	429	1.33		
3.7	5155	381	1.50		
4.4	4321	323	1.80		
4.8	3940	291	2.0		
5.5	3440	255	2.3		
6.3	3009	223	2.6		
4.4	4361	323	0.95	MD 109 MD79	4P
4.9	3942	285	1.16	MDF 109 MD79	4P
5.6	3401	253	1.25		
6.6	2881	214	1.45		
4.4	4469	325	0.95	MD 109 MD79	4P
				MDF 109 MD79	4P
6.8	2822	209	1.00	MD 99 MD59	4P
				MDF 99 MD59	4P
3.1	6348	222.60	1.20	MD 139	6P
3.7	5377	188.45	1.40	MDF 139	6P
4.0	4909	124.49	1.55		
4.5	4456	156.31	1.70		
5.0	4028	141.12	1.90		
5.5	3658	128.18	2.1	MD 139	6P
6.2	3240	113.72	2.3	MDF 139	6P
6.8	2945	103.20	2.6		
4.6	4313	233.16	0.95	MD 109	6P
5.5	3658	172.34	1.16	MDF 109	6P
5.9	3373	159.69	1.20		
6.6	3012	141.83	1.35		
5.8	3533	251.15	1.16	MD 109	4P
6.1	3259	229.95	1.25	MDF 109	4P
6.8	2929	203.16	1.40		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
2.2KW					
6.2	2462	672.34	1.65	MD 109	4P
6.9	2242	604.69	1.80	MDF 109	4P
9.9	2005	541.83	2.6		
11	1696	127.66	3.3		
12	1634	115.63	2.5		
14	1454	102.53	2.8		
15	1311	92.70	3.1		
6.5	3059	216.20	0.95	MD 99	4P
7.6	2641	186.36	1.10	MDF 99	4P
8.3	2404	170.02	1.20		
9.3	2138	150.70	1.35	MD 99	4P
11	1796	126.75	1.60	MDF 99	4P
12	1653	116.46	1.75		
14	1463	103.44	1.95		
15	1311	92.48	2.2		
17	1176	83.15	2.4		
20	1026	72.17	2.8		
22	922	65.21	3.1		
24	840	59.92	3.4		
27	755	53.21	3.8		
30	675	47.56	4.2		
11	1787	124.97	0.85	MD 89	4P
12	1672	118.43	0.90	MDF 89	4P
14	1463	103.65	1.00		
15	1321	93.38	1.10		
17	1159	81.92	1.25		
19	1016	71.84	1.40	MD 89	4P
22	903	63.68	1.45	MDF 89	4P
23	810	60.35	1.70		
27	746	52.82	1.85		
30	675	47.58	2.2		
34	589	41.74	2.5		
38	523	36.84	2.8		
43	461	32.66	3.2		
46	469	34.49	2.9	MD 89	4P
45	447	31.40	3.3	MDF 89	4P
51	394	27.84	3.7		
60	333	23.49	4.5		
66	304	21.51	4.7		
21	931	65.77	0.65	MD 79	4P
24	817	57.68	0.95	MDF 79	4P
27	736	52.07	1.65		
31	651	45.81	1.20		
33	613	43.26	1.25	MD 79	4P
38	525	36.83	1.50	MDF 79	4P
42	475	33.47	1.65		
49	409	29.00	1.80		
56	358	25.23	2.1		
60	333	23.37	2.4	MD 79	4P
67	301	21.21	2.6	MDF 79	4P
75	265	18.62	2.8		
79	252	17.82	2.9		
91	219	15.60	3.2		
100	200	14.05	3.4		
35	565	39.87	1.60	MD 69	4P
38	532	37.50	1.60	MDF 69	4P
44	456	32.27	1.10		
49	409	28.83	1.20		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
2.2KW					
60	333	23.48	1.60	MD 89	4P
71	280	19.89	2.0	MDF 89	4P
79	257	17.95	2.3		
88	223	15.79	2.4		
95	209	14.95	2.5		
111	180	12.70	2.8		
122	163	11.54	2.9		
146	142	10.0	3.2		
162	124	8.79	3.4		
181	110	7.79	3.3		
38	527	37.30	0.80	MD 59	4P
40	499	35.07	0.85	MDF 59	4P
47	428	30.16	1.00		
52	380	26.97	1.50		
64	309	21.83	1.40	MD 59	4P
76	261	18.60	1.60	MDF 59	4P
84	236	16.79	1.80		
95	209	14.77	2.0		
101	196	13.95	2.1		
119	166	11.86	2.3		
133	153	10.79	2.4		
151	132	9.35	2.7		
166	120	8.06	2.6		
187	113	7.97	3.0		
73	271	19.27	1.05	MD 49	4P
87	228	16.22	1.35	MDF 49	4P
97	204	14.56	1.20		
112	178	12.54	1.35		
126	157	11.19	1.40		
139	143	10.15	1.50		
155	129	9.07	1.65		
182	109	7.75	1.76		
182	110	7.76	1.49		
203	98	6.96	1.55		
235	85	6.00	1.75		
250	80	5.64	1.85		
291	68	4.85	2.1		
325	62	4.34	2.3		
391	52	3.70	2.6		
96	210	15.68	0.65	MD 39	4P
108	186	13.25	0.95	MDF 39	4P
119	167	11.83	1.05		
140	143	10.11	1.15	MD 39	4P
169	134	9.47	1.20	MDF 39	4P
177	113	7.97	1.39		
215	94	6.67	1.45		
249	80	5.67	1.70		
279	71	5.06	1.80		
326	61	4.32	1.05		
348	57	4.05	2.0		
414	48	3.41	2.2		
139	143	10.13	0.60	MD 29	4P
214	93	6.59	1.10	MDF 29	4P
252	79	5.60	1.20		
292	71	5.00	1.30		
330	63	4.27	1.35		
353	57	4.00	1.45		
418	48	3.37	1.55		
288	67	4.73	1.75	MDX 79	4P
349	57	4.04	2.4	MDXF 79	4P
384	52	3.67	2.6		
434	46	3.25	3.0		
458	44	3.08	4.2		
525	38	2.76	5.4		
581	34	2.43	5.9		
662	30	2.11	6.3		
750	27	1.88	6.7		
840	24	1.67	7.0		
991	20	1.42	7.3		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
2.2KW					
374	53	3.77	1.55	MDX 69	4P
441	46	3.20	2.1	MDXF 69	4P
488	41	2.89	2.5		
555	36	2.54	3.1		
588	34	2.40	3.8		
693	29	2.04	4.4		
759	27	1.88	4.6		
876	23	1.61	4.8		
1005	20	1.49	5.0		
450	45	3.14	1.40	MDX 59	4P
534	37	2.64	1.75	MDXF 59	4P
595	33	2.37	1.65		
691	29	2.04	2.3		
734	26	1.92	2.4		
853	24	1.65	2.6		
955	21	1.48	3.1		
1114	17	1.28	3.4		
3KW					
0.66	36982	2148	0.69	MD 179 MD89	4P
0.73	35642	1940	0.58	MDF 179 MD89	4P
0.82	33668	1725	1.10		
0.90	29696	1562	1.22		
1.02	25447	1385	1.38		
1.1	23807	1253	1.52		
1.3	19173	1044	1.63		
1.4	18086	885	1.04		
1.6	16201	898	2.15		
1.9	13588	739	2.59		
2.2	11621	644	2.90		
0.62	41833	2262	0.64	MD 179 MD99	4P
0.69	37726	2049	0.53	MDF 179 MD99	4P
0.77	33660	1820	1.04		
1.0	26101	1412	1.34		
1.2	22247	1203	1.57		
1.3	21001	1136	1.67		
1.5	17901	968	1.96		
1.8	14485	783	2.42		
2.0	12924	699	2.71		
1.2	26776	1523	0.85	MD 169 MD99	4P
1.4	22522	999	0.95	MDF 169 MD99	4P
1.6	19974	861	1.10		
1.8	14112	766	1.25		
2.1	11956	656	1.50		
2.6	9743	503	1.05		
2.6	9761	533	1.30	MD 149 MD89	4P
3.0	8438	462	1.50	MDF 149 MD89	4P
3.3	7899	426	1.60		
3.8	6821	368	1.85		
4.3	6027	324	2.1		
5.0	5125	286	2.5		
1.6	18592	889	0.75	MD 149 MD79	4P
1.8	14802	784	0.65	MDF 149 MD79	4P
2.0	12936	695	1.00		
2.3	11564	615	1.10		
2.5	10388	558	1.20		
2.9	9094	490	0.85	MD 139 MD79	4P
3.3	7908	426	1.00	MDF 139 MD79	4P
3.7	7115	381	1.10		
4.3	6037	323	1.30		
4.8	5429	291	1.45		
5.5	4743	256	1.65		
6.3	4155	223	1.90		
2.7	9696	542	0.01	MD 129 MD79	4P
3.1	8585	453	0.00	MDF 129 MD79	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
3KW					
5.5	4604	253	0.96	MD 109 MD79	4P
6.5	3879	214	1.05	MDF 109 MD79	4P
7.5	3479	187	1.20		
5.5	4831	250	0.85	MD 109 MD79	4P
				MDF 109 MD79	4P
3.2	8417	222.60	0.96	MD 139	6P
3.6	7125	188.45	1.05	MDF 139	6P
4.1	6503	174.46	1.15		
4.8	5939	156.31	1.30		
5.1	5339	141.12	1.40		
5.6	4845	128.18	1.55	MD 139	6P
6.3	4294	113.72	1.75	MDF 139	6P
7.6	3805	103.20	1.95		
8.1	3354	88.70	2.3		
4.2	8481	222.60	1.20	MD 139	6P
5.0	5403	188.45	1.40	MDF 139	6P
5.4	5054	174.46	1.50		
6.0	4522	156.31	1.70		
6.7	4065	141.12	1.85		
7.3	3715	128.18	2.1	MD 139	6P
8.3	3297	113.72	2.3	MDF 139	6P
9.1	2993	103.20	2.5		
5.9	4508	158.68	0.96	MD 109	6P
6.6	4104	141.83	1.00	MDF 109	6P
7.4	3696	127.68	1.16		
8.1	6475	229.95	0.96	MD 109	4P
8.9	3652	203.16	1.05	MDF 109	4P
8.1	3354	172.34	1.20		
8.5	3098	158.68	1.30		
9.9	2755	141.83	1.50		
11	2480	127.68	1.65		
12	2252	115.63	1.85		
14	1995	102.53	2.1		
15	1805	92.70	2.3		
16	1539	78.57	2.7		
18	1416	72.85	2.9		
9.3	2936	150.78	0.95	MD 89	4P
11	2463	126.75	1.15	MDF 89	4P
12	2291	116.48	1.25		
14	2014	103.44	1.40		
15	1790	92.48	1.60		
17	1615	83.15	1.75		
19	1408	72.17	2.0		
21	1264	65.21	2.3		
23	1163	59.92	2.5		
26	1036	53.21	2.8		
29	922	47.58	3.1		
33	836	42.76	3.4		
36	722	37.53	4.0		
42	646	33.25	4.3		
15	1815	93.38	0.86	MD 89	4P
17	1586	81.92	0.96	MDF 89	4P
19	1401	71.84	1.06		
22	1236	63.68	1.20		
23	1169	60.35	1.25	MD 89	4P
27	1026	52.82	1.45	MDF 89	4P
29	922	47.58	1.60		
34	809	41.74	1.80		
38	717	36.84	2.1		
43	637	32.66	2.3		
50	542	27.88	2.6		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
3KW						
45	670	34.40	2.1	MD	89	4P
46	655	33.60	2.4	MDF	89	4P
50	542	27.54	2.7			
60	450	23.40	3.2			
65	419	21.51	3.4			
73	371	19.16	3.7			
82	333	17.08	4.0			
91	299	15.35	4.3			
31	693	46.81	0.65	MD	79	4P
32	640	43.26	0.95	MDF	79	4P
36	717	36.83	1.10			
42	651	33.47	1.20			
46	565	29.09	1.40	MD	79	4P
55	489	25.23	1.50	MDF	79	4P
60	490	23.37	1.70	MD	79	4P
66	414	21.21	1.87	MDF	79	4P
74	390	19.80	2.0			
78	347	17.82	2.1			
90	304	15.60	2.3			
100	276	14.05	2.5			
114	239	12.33	2.7			
129	214	10.88	3.0			
145	187	9.64	3.2			
163	167	8.59	3.6			
181	150	7.74	3.9			
200	132	6.79	4.2			
60	450	23.44	1.15	MD	89	4P
70	391	19.89	1.45	MDF	89	4P
78	347	17.95	1.60			
89	309	15.79	1.75			
94	293	14.91	1.80			
110	247	12.70	2.0			
121	223	11.54	2.1			
148	185	10.0	2.5			
92	523	26.97	0.80	MD	59	4P
				MDF	59	4P
64	428	21.93	1.60	MD	59	4P
75	361	18.69	1.20	MDF	59	4P
83	328	16.79	1.30			
55	265	14.77	1.45	MD	59	4P
100	271	13.95	1.50	MDF	59	4P
110	233	11.55	1.65			
130	204	10.79	1.75			
156	191	9.35	1.85			
155	178	9.08	2.0			
170	155	7.97	2.2			
186	146	7.53	2.3			
218	124	6.41	2.6			
240	113	5.82	2.7			
277	98	5.05	3.0			
319	86	4.39	3.1			
89	314	16.22	0.65	MD	49	4P
96	305	14.56	0.80	MDF	49	4P
152	240	12.54	0.95			
151	228	11.79	1.60	MD	49	4P
138	200	10.15	1.10	MDF	49	4P
154	177	9.07	1.20			
181	151	7.75	1.29			
181	151	7.76	1.65			
201	136	6.96	1.10			
233	117	6.00	1.25			
248	109	5.64	1.35			
288	94	4.85	1.50			
329	85	4.34	1.65			
378	72	3.70	1.92			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
3KW						
133	195	10.71	0.80	MD	39	4P
148	154	9.47	0.65	MDF	39	4P
176	155	7.97	0.95			
210	130	6.67	1.05	MD	39	4P
247	110	5.67	1.25	MDF	39	4P
277	99	5.06	1.30			
324	84	4.32	1.45			
348	79	4.05	1.45			
411	67	3.41	1.60			
250	109	5.60	0.95	MD	29	4P
260	97	5.00	0.95	MDF	29	4P
328	83	4.27	1.00			
350	78	4.00	1.05			
415	66	3.37	1.15			
237	125	6.45	1.45	MDX	89	4P
252	108	5.56	2.0	MDXF	89	4P
270	99	5.07	2.4			
311	87	4.50	3.2			
370	73	3.78	3.9			
295	82	4.75	1.25	MDX	79	4P
347	79	4.04	1.75	MDXF	79	4P
361	72	3.67	2.0			
431	64	3.25	2.7			
455	60	3.08	3.1			
371	73	3.77	1.15	MDX	89	4P
439	63	3.20	1.55	MDXF	89	4P
485	56	2.89	1.80			
551	49	2.54	2.3			
583	47	2.40	2.5			
685	40	2.04	3.2			
754	36	1.86	3.3			
870	31	1.61	3.5			
1030	26	1.40	3.6			
446	61	3.14	1.00	MDX	59	4P
530	51	2.64	1.30	MDXF	59	4P
591	47	2.37	1.40			
699	40	2.04	1.65			
729	37	1.92	1.75			
847	32	1.65	2.0			
948	29	1.48	2.3			
1109	25	1.26	2.5			
4KW						
0.92	37713	1562	0.93	MD	179MD100	4P
1.0	33443	1385	1.05	MDF	179MD100	4P
1.1	30237	1253	1.16			
1.4	25197	1044	1.39			
1.5	23709	982	1.47			
1.6	21337	886	1.64			
1.9	17831	739	1.96			
2.2	15538	644	2.25			
2.6	13168	545	2.66			
3.2	10973	455	3.19			
1.0	34078	1412	1.03	MD	179MD99	4P
1.2	28045	1293	1.21	MDF	179MD99	4P
1.3	27499	1139	1.28			
1.5	23370	968	1.50			
1.8	19911	783	1.85			
2.1	16873	699	2.07			
2.7	13809	531	2.73			
3.6	11428	473	3.00			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
4KW						
1.7	21079	861	0.65	MD	109 MD99	4P
1.9	18820	769	0.95	MDF	109 MD99	4P
2.2	15778	656	1.10			
2.9	12152	563	1.45			
3.6	9675	376	1.55			
4.2	8071	335	2.2			
2.7	12936	533	1.00	MD	149 MD89	4P
3.1	11372	462	1.55	MDF	149 MD89	4P
3.3	10389	426	1.29			
3.9	9066	364	1.46			
4.4	7967	326	1.66			
5.1	6752	286	1.96			
5.7	5965	247	2.1			
6.7	5124	214	2.5			
7.5	4577	189	2.6			
9.0	3842	159	3.3			
2.3	15196	610	0.65	MD	149 MD79	4P
2.5	13726	556	0.95	MDF	149 MD79	4P
2.9	12054	489	1.05			
3.4	10182	415	1.25			
3.7	9370	381	0.65	MD	139 MD79	4P
4.4	7958	323	1.00	MDF	139 MD79	4P
4.9	7164	291	1.10			
5.6	6262	255	1.25			
6.4	5488	223	1.45			
3.8	9369	376	0.65	MD	139 MD79	4P
4.2	8426	339	0.95	MDF	139 MD79	4P
4.8	7389	297	1.05			
7.6	4589	187	0.60	MD	109 MD79	4P
				MDF	109 MD79	4P
7.3	4702	193	0.00	MD	109 MD79	4P
8.2	4292	172	1.00	MDF	109 MD79	4P
4.4	8227	983.31	1.58	MD	149	6P
4.9	7401	146.91	1.65	MDF	149	6P
6.0	6042	119.80	2.0			
6.6	5519	109.31	2.2			
4.1	8755	174.40	0.65	MD	139	6P
4.6	7876	156.31	0.65	MDF	139	6P
5.1	7110	141.52	1.05			
5.6	6460	128.18	1.20			
6.3	5729	113.72	1.35			
7.9	5197	103.29	1.45			
4.3	8417	222.60	0.00	MD	139	6P
5.1	7125	188.45	1.05	MDF	139	6P
5.5	6583	174.40	1.15			
6.1	5969	156.31	1.30			
6.8	5339	141.52	1.48			
7.5	4845	128.18	1.55			
6.4	4284	113.72	1.75	MD	139	6P
9.3	3905	103.29	1.95	MDF	139	6P
11	3354	88.70	2.3			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
4KW						
8.2	4408	172.34	0.95	MD	109	4P
9.0	4057	158.69	1.00	MDF	109	4P
10	3629	141.93	1.15			
11	3259	127.68	1.25			
12	2955	115.63	1.40			
14	2622	102.03	1.55			
15	2396	92.70	1.70			
18	2005	78.57	2.0			
19	1882	72.89	2.2			
22	1672	65.60	2.4			
24	1529	59.41	2.7			
27	1349	52.69	3.0			
12	2674	116.48	0.95	MD	89	4P
14	2648	103.64	1.10	MDF	89	4P
15	2306	92.48	1.20			
17	2126	83.15	1.35			
20	1843	72.17	1.55			
22	1663	65.21	1.70			
24	1539	59.82	1.85			
27	1359	53.21	2.1			
30	1210	47.58	2.3			
33	1093	42.78	2.6			
38	950	37.63	3.0			
43	846	33.25	3.2			
44	817	32.65	1.6	MD	89	4P
52	694	27.59	3.5	MDF	89	4P
57	641	25.03	4.2			
63	576	22.37	4.5			
71	513	20.14	4.8			
22	1625	63.68	0.90	MD	89	4P
24	1539	60.35	0.95	MDF	89	4P
27	1349	52.82	1.18			
30	1216	47.58	1.20	MD	89	4P
34	1064	41.74	1.40	MDF	89	4P
39	941	36.84	1.50			
43	836	32.69	1.75			
51	713	27.86	2.0			
41	859	34.40	1.60	MD	89	4P
45	796	31.40	1.85	MDF	89	4P
56	713	27.84	2.1			
61	589	23.40	2.5			
66	551	21.51	2.8			
74	485	19.10	2.8			
83	437	17.08	3.0			
92	394	15.35	3.2			
107	342	13.33	3.6			
119	304	11.93	3.8			
39	941	36.83	0.85	MD	79	4P
42	855	33.47	0.90	MDF	79	4P
49	741	29.00	1.05			
56	640	25.23	1.15			
61	599	23.37	1.30	MD	79	4P
67	541	21.21	1.41	MDF	79	4P
76	480	18.80	1.55			
88	456	17.82	1.65			
91	399	15.60	1.75			
101	361	14.05	1.90			
115	314	12.33	2.1			
131	280	10.88	2.3			
147	247	9.64	2.4			
165	219	8.59	2.7			
183	200	7.74	2.9			
269	174	6.79	3.2			
237	153	5.99	3.4			
267	136	5.31	3.8			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
4KW						
71	591	19.69	1.16	MD	69	4P
79	481	17.95	1.20	MDF	69	4P
90	404	15.70	1.30			
95	380	14.91	1.35			
112	323	12.70	1.50			
123	291	11.54	1.60			
142	252	10.0	1.75			
163	223	8.70	1.90			
182	200	7.79	1.60			
193	188	7.36	1.85			
227	161	6.27	1.95			
249	145	5.70	2.0			
288	126	4.93	2.2			
331	110	4.29	2.3			
76	475	69.69	0.90	MD	59	4P
85	428	16.79	1.00	MDF	59	4P
96	375	14.77	1.10			
102	356	13.95	1.15	MD	59	4P
120	304	11.88	1.25	MDF	59	4P
132	276	10.79	1.35			
152	239	9.35	1.45			
157	233	9.08	1.55			
178	204	7.97	1.40			
189	193	7.53	1.75			
222	163	6.41	1.85			
244	149	5.82	2.0			
281	129	5.06	2.3			
323	112	4.39	2.4			
149	261	10.15	0.85	MD	49	4P
157	219	8.67	0.90	MDF	49	4P
183	198	7.75	0.98			
204	175	6.96	0.85			
237	153	6.09	0.95			
252	144	5.64	1.00			
293	124	4.85	1.15			
327	111	4.34	1.25			
384	95	3.70	1.45			
255	143	5.56	1.50	MDX	69	4P
280	130	5.07	1.65	MDXF	69	4P
316	115	4.50	2.4			
375	97	3.78	3.0			
351	104	4.04	1.30	MDX	70	4P
386	94	3.67	1.56	MDXF	70	4P
437	83	3.25	2.1			
461	79	3.08	2.3			
527	69	2.70	3.0			
585	62	2.43	3.3			
667	54	2.15	3.5			
755	48	1.88	3.7			
852	43	1.67	3.9			
986	38	1.42	4.1			
444	82	3.29	1.15	MDX	69	4P
492	74	2.99	1.25	MDXF	69	4P
559	65	2.54	1.75			
592	62	2.40	1.90			
695	52	2.04	2.4			
765	48	1.86	2.5			
883	41	1.61	2.6			
1015	36	1.40	2.8			
536	67	2.64	0.85	MDX	59	4P
589	61	2.37	1.10	MDXF	59	4P
696	52	2.04	1.25			
783	49	1.92	1.35			
859	42	1.65	1.55			
962	39	1.49	1.70			
1125	32	1.26	1.86			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
5.5KW						
1.4	34646	1044	1.01	MD	178(MD100)	4P
1.5	32682	985	1.07	MDF	178(MD100)	4P
1.8	26421	886	1.19			
1.9	24518	739	1.43			
2.2	21302	644	1.64			
2.6	18105	545	1.05			
3.2	15088	455	2.32			
3.5	13803	416	2.54	MD	178(MD100)	4P
3.9	12369	373	2.83	MDF	178(MD100)	4P
4.3	11167	336	3.13			
1.2	39037	1203	0.85	MD	179(MD90)	4P
1.3	37703	1135	0.93	MDF	179(MD90)	4P
1.5	32134	966	1.09			
1.8	26883	783	1.35			
2.1	23206	699	1.51			
2.7	17912	531	1.99			
3.0	15714	473	2.23			
3.2	14927	450	2.34			
3.6	13318	401	2.63			
4.1	11633	350	3.01			
2.2	21756	656	0.80	MD	169(MD90)	4P
2.5	19810	579	0.91	MDF	169(MD90)	4P
2.8	16669	503	1.05			
3.3	14219	432	1.25			
3.8	12446	376	1.40			
4.3	11074	335	1.60			
4.7	9906	303	1.75			
5.1	9173	279	1.90			
3.1	15386	462	0.85	MD	149(MD85)	4P
3.4	14309	426	0.90	MDF	149(MD85)	4P
3.9	12348	368	1.05			
4.4	10870	326	1.15			
5.1	9339	280	1.35			
5.8	8232	247	1.55			
6.7	7107	214	1.80			
7.6	6282	189	2.0			
3.6	14909	200.67	2.40	MD	179	6P
3.9	13971	183.79	2.72	MDF	179	6P
4.4	11446	163.43	3.00			
3.1	16956	229.21	1.05	MD	169	6P
3.6	13110	196.03	1.30	MDF	169	6P
4.6	10735	153.07	1.65			
5.1	9699	139.96	1.75			
5.8	8549	121.91	2.0			
4.4	11495	163.31	1.10	MD	149	6P
4.8	10355	146.91	1.25	MDF	149	6P
5.9	8427	119.80	1.45			
6.5	7686	109.31	1.60			
5.9	8484	163.31	1.45	MD	149	6P
6.5	7636	146.91	1.60	MDF	149	6P
6.9	6232	110.00	2.0			
6.8	5681	109.31	2.2	MD	149	6P
10	4821	84.60	2.5	MDF	149	6P
12	4342	83.47	2.9			
5.5	9008	128.16	0.65	MD	139	6P
6.2	7966	113.72	0.95	MDF	139	6P
6.9	7249	103.20	1.05			
8.9	6232	88.76	1.20			
5.3	9063	174.40	0.80	MD	139	6P
6.1	8125	156.31	0.95	MDF	139	6P
6.8	7334	141.12	1.05			
7.5	6660	128.16	1.15			
8.4	5909	113.72	1.30			
9.3	5368	103.20	1.40			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
5.5KW						
0.4	7771	222.00	1.00	MD	139	4P
7.6	6574	188.45	1.15	MDF	139	4P
8.2	6096	174.40	1.25			
9.2	5453	156.31	1.40			
10	4921	141.12	1.55			
11	4475	128.16	1.70	MD	139	4P
13	3971	113.72	1.90	MDF	139	4P
14	3691	103.20	2.1			
16	3097	88.76	2.5			
18	2822	80.91	2.7			
19	2565	73.49	3.0			
22	2271	65.20	3.3			
24	2062	59.57	3.7			
28	1777	50.86	4.3			
11	4436	127.68	0.90	MD	139	4P
12	4008	115.63	1.00	MDF	139	4P
14	3540	102.53	1.15			
15	3230	92.79	1.25			
18	2746	78.57	1.50			
20	2548	72.68	1.60			
22	2290	65.60	1.80			
24	2071	59.41	1.95			
27	1834	52.68	2.2			
30	1663	47.63	2.5			
35	1408	40.37	2.9			
17	2898	83.15	1.00	MD	99	4P
20	2518	72.57	1.15	MDF	99	4P
22	2271	65.21	1.25			
24	2080	59.82	1.35			
27	1853	53.21	1.55			
30	1663	47.58	1.70			
33	1492	42.78	1.90			
39	1202	37.13	2.2			
43	1159	33.25	2.4			
52	960	27.58	2.6			
45	1121	32.35	2.2	MD	99	4P
53	958	27.19	2.6	MDF	99	4P
57	874	25.03	3.1			
68	779	22.37	3.3			
71	703	20.34	3.5			
79	637	18.24	3.7			
89	565	16.17	4.0			
30	1663	47.58	0.90	MD	89	4P
34	1454	41.74	1.00	MDF	89	4P
39	1283	36.84	1.10			
46	1140	32.66	1.30			
51	969	27.68	1.45			
51	969	27.84	1.50	MD	89	4P
61	857	23.40	1.60	MDF	89	4P
69	751	21.31	1.90			
75	665	19.10	2.1			
84	594	17.08	2.2			
93	537	15.35	2.4			
107	466	13.33	2.6			
120	418	11.93	2.8			
144	347	9.90	3.3			
156	316	9.14	3.6			
174	285	8.22	3.8			
200	247	7.13	4.1			
70	696	15.80	1.35	MD	79	4P
80	622	17.82	1.20	MDF	79	4P
92	548	15.80	1.30			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
5.5KW						
102	466	14.05	1.40	MD	79	4P
116	432	12.33	1.50	MDF	79	4P
131	360	10.69	1.65			
148	337	9.64	1.80			
166	299	8.59	2.0			
185	271	7.74	2.2			
211	238	6.79	2.3			
239	200	5.98	2.5			
269	186	5.31	2.8			
91	551	15.79	0.95	MD	69	4P
96	525	14.91	1.00	MDF	69	4P
113	442	12.39	1.16			
124	404	11.54	1.20			
143	342	10.0	1.30			
164	304	8.70	1.40			
183	271	7.79	1.35			
194	257	7.36	1.35			
228	219	6.27	1.45			
251	200	5.70	1.50			
299	172	4.92	1.60			
333	156	4.29	1.70			
97	518	14.77	0.89	MD	59	4P
103	485	13.95	0.85	MDF	59	4P
120	413	11.88	0.95			
132	375	10.79	1.00			
153	326	9.35	1.16	MD	59	4P
170	293	7.97	1.20	MDF	59	4P
190	261	7.53	1.25			
223	223	6.41	1.40			
249	204	5.82	1.50			
283	176	5.05	1.65			
326	153	4.39	1.75			
295	189	4.85	0.85	MD	49	4P
339	159	4.34	0.96	MDF	49	4P
386	129	3.70	1.04			
315	233	0.60	1.00	MDX	109	4P
255	195	5.69	2.2	MDXF	109	4P
276	181	5.16	3.7			
367	162	4.65	4.1			
247	204	5.79	1.95	MDX	99	4P
291	171	4.91	2.2	MDXF	99	4P
316	158	4.52	3.8			
354	142	4.04	4.0			
393	127	3.64	4.5			
434	115	3.36	4.9			
489	102	2.92	5.5			
541	92	2.64	6.1			
638	78	2.24	7.2			
731	68	1.96	7.9			
874	57	1.64	9.4			
1016	49	1.42	8.8			
315	157	4.56	1.75	MDX	89	4P
370	132	3.79	2.2	MDXF	89	4P
411	123	3.48	3.3			
463	107	3.09	3.6			
598	86	2.76	4.9			
576	86	2.48	4.5			
664	75	2.15	4.9			
440	110	3.25	1.55	MDX	79	4P
464	107	3.08	1.70	MDXF	79	4P
539	94	2.70	2.2			
589	85	2.43	2.4			
671	74	2.13	2.6			
761	66	1.86	2.7			
898	56	1.67	2.8			
1005	49	1.42	3.0			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
5.5KW					
563	88	2.54	1.25	MDK 69	4P
596	84	2.40	1.40	MDKF 69	4P
760	71	2.04	1.60		
770	65	1.86	1.85		
859	58	1.61	1.95		
1026	46	1.40	2.9		
760	71	2.04	0.90	MDK 59	4P
745	67	1.92	1.00	MDKF 59	4P
866	58	1.65	1.15		
960	51	1.48	1.25		
1030	44	1.26	1.34		
7.5KW					
1.8	40561	886	0.66	MD 179MD109	4P
1.9	33931	739	1.04	MDF 179MD109	4P
2.2	29470	644	1.19		
2.6	24900	545	1.40		
3.2	20600	455	1.68		
3.5	19026	416	1.64	MD 179MD109	4P
3.9	17052	373	2.05	MDF 179MD109	4P
4.3	15395	336	2.27		
4.7	13983	306	2.50		
5.3	12486	271	2.82		
5.9	11258	246	3.11		
1.8	35948	783	0.98	MD 179MD99	4P
2.1	31964	699	1.09	MDF 179MD99	4P
2.7	24280	531	1.44		
3.0	21663	473	1.62		
3.2	20579	450	1.70		
3.6	18361	401	1.91		
4.1	16037	350	2.18		
4.8	13670	299	2.56		
2.8	22002	583	0.75	MD 109MD99	4P
3.3	19502	432	0.90	MDF 109MD99	4P
3.8	17150	376	1.05		
4.3	15268	335	1.15		
4.7	13720	300	1.33		
5.1	12642	279	1.40		
4.4	14886	326	0.65	MD 149MD89	4P
5.1	12740	280	1.00	MDF 140MD89	4P
5.8	11270	247	1.15		
6.7	9761	214	1.30		
7.6	8614	189	1.50		
9.0	7242	159	1.75		
3.6	19183	268.87	1.82	MD 179	6P
3.9	17562	953.70	1.89	MDF 179	6P
4.4	15508	803.43	2.34		
4.8	14090	749.63	2.45		
5.5	12480	130.74	2.80		
3.1	21755	229.71	0.80	MD 169	6P
3.9	17670	956.90	0.95	MDF 169	6P
4.7	14640	153.07	1.20		
5.1	13265	139.98	1.39		
5.9	11495	121.81	1.59		
4.2	18345	229.71	1.65	MD 169	6P
5.1	13265	986.80	1.39	MDF 169	6P
6.3	10830	953.07	1.69	MD 169	6P
6.9	9890	139.98	1.70	MDF 169	6P
7.9	8636	121.81	2.0		
8.9	7619	937.49	2.2		
10	6823	93.19	2.6		
12	5951	82.91	2.9		
13	5225	73.70	3.3		
14	4779	67.80	3.6		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
7.5KW					
4.4	15393	163.31	0.80	MD 149	6P
4.9	13870	146.91	0.90	MDF 149	6P
5.9	11595	159.66	1.10		
6.6	10355	109.31	1.20		
5.9	11590	163.31	1.05	MD 149	6P
6.5	10450	146.91	1.20	MDF 149	6P
8.9	8493	159.66	1.45		
8.8	7703	109.31	1.60	MD 149	6P
10	6757	94.60	1.85	MDF 149	6P
12	5819	83.47	2.1		
7.6	8968	166.45	0.85	MD 139	4P
8.2	8264	174.40	0.90	MDF 139	4P
9.2	7439	156.31	1.00		
10	6757	141.12	1.15		
11	6099	128.16	1.25	MD 139	4P
13	5415	113.72	1.40	MDF 139	4P
14	4912	103.20	1.55		
16	4218	88.70	1.80		
18	3848	80.91	1.95		
19	3496	73.49	2.2		
22	3107	65.20	2.5		
24	2812	59.17	2.7		
28	2423	50.80	3.1		
15	4408	92.70	0.55	MD 109	4P
16	3743	78.57	1.10	MDF 109	4P
20	3468	72.89	1.20		
22	3120	65.60	1.30		
24	2831	59.41	1.45		
27	2508	52.68	1.65		
30	2271	47.63	1.80		
35	1919	40.37	2.1		
41	1682	35.26	2.4		
48	1490	29.48	2.9		
46	1483	30.77	2.6	MD 109	4P
52	1311	27.58	3.1	MDF 109	4P
57	1158	24.90	3.5		
63	1074	22.62	3.8		
24	2858	59.92	1.05	MD 99	4P
27	2537	53.21	1.15	MDF 99	4P
30	2268	47.59	1.25		
33	2033	42.78	1.40		
39	1707	37.13	1.69		
43	1587	33.25	1.75	MD 99	4P
52	1311	27.58	1.95	MDF 99	4P
45	1530	32.05	1.60	MD 89	4P
53	1292	27.19	1.90	MDF 89	4P
57	1188	25.03	2.3		
64	1064	22.37	2.4		
71	960	20.14	2.6		
78	865	18.24	2.7		
39	1748	36.64	0.85	MD 89	4P
44	1556	32.66	0.95	MDF 89	4P
51	1330	27.88	1.05		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
7.5KW					
51	1321	27.64	1.10	MD 89	4P
61	1112	23.40	1.30	MDF 89	4P
69	1020	21.31	1.49		
75	912	19.10	1.59		
84	817	17.08	1.65		
93	732	15.30	1.75		
107	637	13.33	1.95		
120	570	11.93	2.1		
144	470	9.90	2.4		
156	437	9.14	2.6		
174	398	8.22	2.6		
200	337	7.13	3.0		
224	304	6.39	3.2		
270	252	5.30	3.4		
76	693	15.80	0.65	MD 79	4P
80	848	17.62	0.65	MDF 79	4P
92	741	15.66	0.65		
102	670	14.85	1.00		
116	584	12.33	1.10		
131	516	10.89	1.26		
148	461	9.64	1.30		
166	409	8.50	1.45		
185	371	7.74	1.55		
211	323	6.79	1.70		
230	285	5.99	1.80		
269	252	5.31	1.96		
113	693	12.70	0.60	MD 69	4P
124	551	11.54	0.65	MDF 69	4P
143	475	10.0	0.55		
164	410	8.79	1.00		
183	371	7.76	0.95		
194	352	7.36	1.00		
226	299	6.27	1.05		
251	271	5.79	1.10		
290	233	4.93	1.15		
333	204	4.29	1.25		
179	386	7.97	0.00	MD 59	4P
190	358	7.53	0.05	MDF 59	4P
223	304	6.41	1.05		
246	276	5.62	1.10		
283	242	5.05	1.20		
326	209	4.39	1.25		
216	334	6.63	1.48	MDK 109	6P
270	266	5.61	1.69	MDKF 109	4P
276	247	5.19	2.7		
307	223	4.65	3.0		
340	208	4.20	3.9		
247	276	5.79	1.45	MDK 99	4P
291	233	4.91	1.69	MDKF 99	4P
316	214	4.52	2.6		
354	195	4.04	2.9		
393	173	3.64	3.3		
454	157	3.30	3.6		
499	139	2.92	4.1		
318	214	4.50	1.38	MDK 69	4P
378	180	3.78	1.69	MDKF 69	4P
411	165	3.48	2.3		
463	147	3.09	2.6		
518	131	2.76	2.9		
576	118	2.48	3.3		
664	103	2.15	3.6		
741	92	1.93	3.7		
834	78	1.69	3.9		
1030	67	1.39	4.2		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
7.5KW					
440	155	3.25	1.16	MDK 79	4P
464	148	3.08	1.25	MDKF 79	4P
530	128	2.70	1.60		
589	116	2.43	1.75		
671	102	2.13	1.85		
761	89	1.89	2.0		
858	80	1.67	2.1		
1035	67	1.42	2.2		
563	121	2.54	0.95	MDK 69	4P
596	114	2.40	1.00	MDKF 69	4P
760	97	2.04	1.30		
770	66	1.86	1.35		
859	77	1.61	1.40		
1020	67	1.40	1.50		
11KW					
2.7	36107	545	0.97	MD 179MD109	4P
3.2	30089	455	1.16	MDF 179MD109	4P
3.5	27522	416	1.27	MD 179MD109	4P
3.9	24668	373	1.42	MDF 179MD109	4P
4.5	22279	336	1.57		
4.8	20228	306	1.73		
5.4	17947	271	1.95		
5.9	16299	246	2.15		
6.9	13866	211	2.50		
7.9	12210	185	2.86		
2.8	35123	531	1.00	MD 179MD99	4P
3.1	31337	473	1.12	MDF 179MD99	4P
3.2	29799	450	1.18		
3.5	26561	401	1.32		
4.2	23199	350	1.51		
4.9	19774	299	1.77		
5.0	18887	287	0.93	MD 169MD109	4P
5.3	17839	270	1.00	MDF 169MD109	4P
6.3	15692	229	1.15		
7.2	13432	200	1.35		
8.7	11810	165	1.64		
5.0	19809	291	0.99	MD 169MD109	4P
				MD 169MD109	4P
4.3	22544	335	0.89	MD 169MD99	4P
4.8	20000	303	0.99	MDF 169MD99	4P
5.2	18522	279	0.95		
5.5	16464	247	0.75	MD 149MD89	4P
6.7	14210	214	0.98	MDF 149MD89	4P
7.6	12642	189	1.00		
9.1	10584	159	1.20		
3.6	27172	200.87	1.29	MD 179	6P
4.0	24861	183.79	1.41	MDF 179	6P
4.5	22107	163.43	1.58		
4.9	20249	149.63	1.73		
5.6	17885	130.74	1.98		
4.8	20449	200.87	1.71	MD 179	6P
5.3	18710	183.79	1.87	MDF 179	6P
5.9	16837	163.43	2.10		
6.5	15232	149.63	2.30		
7.4	13339	130.74	2.63		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
11KW					
7.3	13586	200.87	2.58	MD 179	4P
7.9	12431	183.79	2.82	MDF 179	4P
8.9	11054	163.43	3.17		
9.8	10128	149.63	3.46		
11.2	8843	130.74	3.96		
5.1	19425	956.80	0.90	MD 169	6P
5.3	18965	953.07	1.65	MDF 169	6P
6.8	14535	139.98	1.20		
7.9	12535	121.81	1.35		
6.3	15960	229.71	1.65	MD 169	4P
7.7	12920	956.80	1.30	MDF 169	4P
8.4	10940	153.07	1.60	MD 169	4P
10	9800	139.98	1.75	MDF 169	4P
12	8480	121.81	2.0		
13	7448	107.49	2.3		
15	6400	93.19	2.7		
17	5748	82.91	3.0		
6.5	15295	146.91	0.90	MD 149	6P
8.0	12445	119.66	1.60	MDF 149	6P
8.8	11400	109.31	1.10		
10	9910	94.60	1.25		
12	8571	83.47	1.40		
8.8	11305	163.31	1.15	MD 149	4P
9.8	10165	146.91	1.25	MDF 149	4P
12	8303	119.66	1.50		
13	7572	109.31	1.65	MD 149	4P
15	6555	94.60	1.80	MDF 149	4P
17	5750	83.47	2.1		
20	4937	72.09	2.5		
22	4646	66.99	2.7		
24	4237	61.09	2.9		
27	3697	52.87	3.4		
10	9795	141.32	0.80	MD 139	4P
11	8893	128.18	0.85	MDF 139	4P
13	7895	113.72	0.95		
14	7154	103.26	1.05		
16	6147	88.70	1.25		
18	5605	80.91	1.35		
20	5092	73.49	1.50		
22	4522	65.29	1.70		
24	4184	59.17	1.85		
28	3525	50.86	2.2		
32	3078	44.39	2.5		
36	2613	37.65	2.9		
44	2260	32.91	3.3		
20	4551	65.69	0.90	MD 109	4P
24	4114	59.41	1.65	MDF 109	4P
27	3648	52.68	1.10		
30	3297	47.63	1.25		
36	2703	40.37	1.45		
40	2442	35.26	1.65		
49	2043	29.49	2.0		
47	2128	30.77	1.60	MD 109	4P
52	1910	27.58	2.1	MDF 109	4P
58	1729	24.96	2.4		
64	1568	22.62	2.6		
72	1367	20.07	2.9		
78	1264	18.21	3.2		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
11KW					
34	2964	42.78	0.95	MD 99	4P
38	2575	37.13	1.10	MDF 99	4P
43	2369	33.25	1.20		
52	1910	27.58	1.35		
58	1739	25.03	1.55	MD 99	4P
64	1549	22.37	1.65	MDF 99	4P
71	1397	20.14	1.80		
79	1264	18.24	1.90	MD 99	4P
88	1121	16.17	2.0	MDF 99	4P
98	1007	14.62	2.2		
116	855	12.39	2.4		
133	751	10.83	2.7		
155	641	9.29	3.0		
172	580	8.39	3.3		
202	494	7.12	3.9		
232	432	6.21	4.2		
67	1492	21.58	0.95	MD 89	4P
75	1321	19.10	1.05	MDF 89	4P
84	1188	17.08	1.10		
94	1064	15.35	1.20	MD 89	4P
108	922	13.33	1.30	MDF 89	4P
121	827	11.93	1.40		
145	684	9.80	1.65		
168	632	9.14	1.69		
175	576	8.22	1.95		
202	494	7.13	2.1		
225	442	6.39	2.2		
272	366	5.30	2.4		
132	755	10.88	0.85	MD 79	4P
149	670	9.64	0.90	MDF 79	4P
195	537	7.74	1.10	MD 79	4P
212	470	6.79	1.15	MDF 79	4P
240	413	5.99	1.25		
271	371	5.31	1.30		
277	361	5.19	1.65	MDX 109	4P
318	323	4.65	2.1	MDXF 109	4P
343	290	4.20	2.7		
377	266	3.81	3.0		
425	233	3.38	3.4		
469	214	3.07	3.7		
545	183	2.64	4.3		
388	314	4.52	1.60	MDX 99	4P
356	280	4.04	2.0	MDXF 99	4P
396	252	3.64	2.2		
437	228	3.30	2.5		
483	204	2.92	2.8		
545	183	2.64	3.1		
643	155	2.24	3.6		
736	136	1.96	4.0		
883	113	1.64	4.3		
1015	98	1.42	4.4		
414	242	3.48	1.60	MDX 89	4P
466	214	3.09	1.80	MDXF 89	4P
522	190	2.76	2.0		
560	172	2.48	2.2		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
11KW					
603	149	2.15	2.5	MDX 89	4P
747	134	1.93	2.5	MDXF 89	4P
900	111	1.69	2.7		
1035	97	1.39	2.9		
503	168	2.43	1.20	MDX 79	4P
670	147	2.13	1.30	MDXF 79	4P
768	130	1.89	1.35		
864	116	1.67	1.40		
1010	99	1.42	1.50		
15KW					
3.5	37530	416	0.03	MD 179(MD169)	4P
3.9	33638	373	1.04	MDF 179(MD169)	4P
4.3	30168	336	1.15		
4.8	27553	306	1.27		
5.4	24473	271	1.43		
5.9	22208	246	1.58		
6.9	19093	211	1.83		
7.9	16662	185	2.10		
9.3	14132	157	2.48		
3.1	42733	473	0.82	MD 179(MD89)	4P
3.2	40594	450	0.90	MDF 179(MD89)	4P
3.6	36210	401	0.07		
4.2	31635	356	1.11		
4.9	26965	299	1.30		
6.4	20384	229	0.65	MD 169(MD103)	4P
7.3	17836	200	1.00	MDF 169(MD103)	4P
8.8	14839	165	1.23		
6.4	20482	227	0.65	MD 169(MD103)	4P
7.4	17930	198	1.00	MDF 169(MD103)	4P
4.5	30788	163.43	1.14	MD 179	6P
4.9	28168	149.63	1.24	MDF 179	6P
5.6	24629	130.74	1.42		
4.8	28478	269.87	1.23	MD 179	6P
5.3	26856	183.79	1.34	MDF 179	6P
5.9	23179	163.43	1.51		
6.5	21214	149.63	1.65		
7.4	18535	130.74	1.89		
7.3	18820	269.87	1.85	MD 179	4P
7.9	17312	183.79	2.02	MDF 179	4P
8.9	15394	163.43	2.27		
9.8	14034	149.63	2.48		
11	12315	130.74	2.84		
6.3	21479	153.07	0.82	MD 169	6P
6.9	19665	139.98	0.85	MDF 169	6P
8.0	17100	121.81	1.00		
9.0	15105	107.49	1.10		
8.4	21375	229.71	0.60	MD 169	4P
7.8	17585	188.93	1.00	MDF 169	4P
9.5	14250	153.07	1.20	MD 169	4P
10	13015	139.98	1.30	MDF 169	4P
12	11490	121.81	1.50		
14	9975	107.49	1.70		
16	8843	93.19	1.05		
19	7724	82.91	2.2		
20	6888	73.79	2.5		
22	6293	67.40	2.7		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
15KW					
6.9	15295	109.31	0.88	MD 149	6P
10	13300	94.60	0.95	MDF 149	6P
12	11905	83.47	1.05		
13	10670	72.09	1.20		
14	9306	66.99	1.30		
6.9	15295	163.31	0.88	MD 149	4P
8.9	13489	146.91	0.96	MDF 149	4P
12	11210	119.66	1.16		
13	10105	109.31	1.20		
15	8810	94.60	1.40	MD 149	4P
17	7781	83.47	1.60	MDF 149	4P
20	6717	72.09	1.85		
22	6242	66.99	2.0		
24	5691	61.09	2.2		
28	4909	52.87	2.5		
31	4358	46.85	2.8		
14	9565	103.20	0.86	MD 139	4P
16	8265	88.70	0.96	MDF 139	4P
18	7543	80.91	1.00		
20	6850	73.49	1.16		
22	6060	65.20	1.25	MD 139	4P
25	5510	59.17	1.40	MDF 139	4P
29	4761	50.86	1.60		
33	4142	44.39	1.85		
39	3506	37.65	2.2		
44	3069	32.91	2.5		
53	2526	27.31	2.9		
31	4437	47.63	0.96	MD 109	4P
36	3762	40.37	1.16	MDF 109	4P
41	3267	35.26	1.25		
56	2390	29.49	1.50		
47	2859	30.77	1.40	MD 109	4P
53	2575	27.58	1.60	MDF 109	4P
59	2318	24.90	1.75		
65	2109	22.62	1.95		
73	1872	20.07	2.2		
86	1701	18.21	2.4		
80	1443	15.65	2.8		
103	1273	13.66	3.2		
53	2575	27.58	1.00	MD 89	4P
				MDF 90	4P
56	2337	25.03	1.15	MD 99	4P
65	2050	22.37	1.25	MDF 99	4P
72	1888	20.14	1.35		
86	1701	18.24	1.40		
96	1581	16.17	1.50		
100	1359	14.62	1.60		
118	1159	12.39	1.60		
135	1007	10.83	1.95		
157	865	9.29	2.2		
174	779	8.39	2.5		
205	665	7.12	2.9		
235	580	6.21	3.1		
85	1596	17.08	0.85	MD 89	4P
95	1435	15.35	0.96	MDF 89	4P
110	1245	13.33	1.00		
122	1112	11.93	1.05		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
15KW					
147	922	9.99	1.29	MD 89	4P
166	855	9.14	1.35	MDF 89	4P
176	770	8.22	1.45		
205	665	7.13	1.55		
229	594	6.39	1.65		
275	494	5.30	1.75		
281	485	5.19	1.35	MDK 109	4P
314	432	4.65	1.50	MDKF 109	4P
348	390	4.20	2.0		
383	356	3.81	2.2		
431	314	3.38	2.5	MDK 109	4P
475	285	3.07	2.8	MDKF 109	4P
553	247	2.64	3.2		
634	214	2.30	3.7		
747	183	1.95	4.8		
855	160	1.71	4.2		
1031	139	1.41	4.7		
323	423	4.52	1.35	MDK 99	4P
361	375	4.04	1.50	MDKF 99	4P
401	337	3.64	1.65		
443	304	3.39	1.85		
489	271	2.92	2.1		
552	247	2.64	2.3		
652	209	2.24	2.7		
746	182	1.99	3.0		
852	153	1.64	3.2		
1038	137	1.42	3.3		
406	321	3.48	1.35	MDK 89	4P
473	293	3.09	1.35	MDKF 89	4P
529	257	2.76	1.50		
566	233	2.49	1.65		
678	200	2.15	1.80		
757	180	1.93	1.90	MDK 89	4P
913	149	1.60	2.0	MDKF 89	4P
1056	130	1.39	2.1		
18.5KW					
4.4	37199	336	0.64	MD 176MD109	4P
4.9	33788	306	1.64	MDF 176MD109	4P
5.4	29978	271	1.17		
6.0	27204	246	1.29		
7.0	23302	211	1.50		
8.0	20410	185	1.71		
9.4	17391	157	2.02		
3.7	44356	401	0.79	MD 179 MD99	4P
4.2	38752	350	0.90	MDF 179 MD99	4P
4.9	33030	299	1.06		
5.9	26576	183.43	1.22	MD 179	6P
6.5	24163	149.63	1.14	MDF 179	6P
7.4	22800	130.74	1.53		
7.3	23176	209.87	1.01	MD 179	4P
8.0	21096	183.79	1.65	MDF 179	4P
9.0	18556	163.43	1.86		
9.8	17264	149.63	2.03		
11	15085	130.74	2.32		
7.8	21375	196.93	0.60	MD 169	4P
9.6	17575	153.07	1.60	MDF 169	4P
10	16055	139.98	1.65		
12	13965	121.81	1.25		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
18.5KW					
14	12350	107.49	1.40	MD 169	4P
16	10840	93.19	1.60	MDF 169	4P
18	9500	82.91	1.80		
20	8446	73.79	2.0		
22	7724	67.40	2.2		
25	6757	58.65	2.6		
12	13775	119.88	0.90	MD 149	4P
13	12540	109.31	1.00	MDF 149	4P
15	10830	94.60	1.15		
16	9595	83.47	1.30	MD 149	4P
20	8256	72.09	1.50	MDF 149	4P
22	7670	66.99	1.60		
24	7062	61.89	1.75		
28	6061	52.87	2.0		
31	5349	46.65	2.3		
36	4617	40.29	2.7		
16	9272	80.91	0.80	MD 139	4P
20	8417	73.49	0.90	MDF 139	4P
22	7467	65.20	1.00		
25	6761	59.17	1.10		
28	5824	50.80	1.30	MD 139	4P
33	5093	44.39	1.50	MDF 139	4P
39	4313	37.65	1.75		
45	3772	32.91	2.0		
54	3109	27.11	2.4		
56	3362	29.57	2.2	MD 139	4P
64	2765	24.12	2.8	MDF 139	4P
67	2519	22.00	3.0		
77	2180	19.04	3.5		
87	1929	16.82	4.0		
36	4627	40.37	0.80	MD 109	4P
42	4038	35.26	1.00	MDF 109	4P
56	3382	29.49	1.20		
59	3850	34.90	1.45	MD 109	4P
65	2584	22.62	1.60	MDF 109	4P
73	2299	20.07	1.80		
80	2068	18.21	1.95		
94	1796	15.65	2.3		
107	1568	13.66	2.6		
109	1330	11.59	3.1		
145	1178	10.13	3.5		
166	903	7.86	3.1		
220	788	6.66	3.7		
73	2309	20.14	1.05	MD 99	4P
80	2068	18.24	1.15	MDF 99	4P
91	1853	16.17	1.25		
103	1672	14.82	1.30		
116	1416	12.39	1.45		
135	1241	10.83	1.65		
158	1064	9.29	1.80		
175	960	8.39	2.0		
205	817	7.12	2.3		
235	710	6.21	2.5		
262	594	5.20	2.8		
320	588	4.50	3.0		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
18.5KW					
119	9530	13.33	0.60	MD 89	4P
123	1368	11.93	0.65	MDF 89	4P
148	1131	9.90	1.00		
160	1045	9.14	1.10		
178	941	8.22	1.15		
205	817	7.13	1.25		
229	732	6.39	1.35		
276	608	5.30	1.40		
349	488	4.20	1.65	MDK 109	4P
384	437	3.81	1.80	MDKF 109	4P
433	386	3.36	2.0		
477	352	3.07	2.2		
555	364	2.64	2.6	MDK 109	4P
638	266	2.30	3.0	MDKF 109	4P
750	223	1.95	3.3		
859	196	1.71	3.4		
1037	162	1.46	3.8		
402	416	3.64	1.35	MDK 99	4P
444	380	3.30	1.50	MDKF 99	4P
501	337	2.92	1.70		
554	304	2.64	1.85		
654	257	2.24	2.2		
749	225	1.95	2.4		
835	187	1.64	2.6		
1035	162	1.42	2.7		
531	316	2.76	1.20	MDK 89	4P
592	285	2.49	1.35	MDKF 89	4P
680	247	2.15	1.50		
793	221	1.93	1.50		
916	193	1.60	1.65		
1055	168	1.39	1.75		
22KW					
4.5	48660	306	0.67	MD 176MD109	4P
5.4	39649	271	0.98	MDF 176MD109	4P
6.0	32350	246	1.08		
7.0	27938	211	1.26		
8.0	24271	185	1.44		
9.4	20587	157	1.70		
4.9	39276	299	0.69	MD 179 MD99	4P
				MDF 179 MD99	4P
5.9	33983	183.43	1.03	MD 179	6P
6.5	31115	149.63	1.12	MDF 179	6P
7.4	27185	130.74	1.29		
7.3	27501	209.87	1.27	MD 179	4P
8.0	25217	183.79	1.39	MDF 179	4P
9.0	22424	163.43	1.56		
9.8	20530	149.63	1.79		
11.2	17909	130.74	1.95		
9.6	26900	153.07	0.60	MD 169	4P
10	19695	139.98	0.90	MDF 169	4P
12	16625	121.81	1.05		
14	14530	107.40	1.15	MD 169	4P
15	12730	93.19	1.35	MDF 169	4P
18	11095	82.91	1.50		
20	10070	73.79	1.70		
22	9187	67.40	1.85		
25	7980	58.65	2.1		
28	7049	51.70	2.4		
33	6109	44.57	2.8		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
22KW					
13	14915	109.31	0.85	MD 149	4P
15	12820	94.60	0.95	MDF 149	4P
18	11490	83.47	1.10		
20	9785	73.09	1.25		
22	9133	66.99	1.35	MD 149	4P
24	8322	61.09	1.50	MDF 149	4P
28	7269	52.87	1.70		
31	6356	46.65	1.95		
36	5491	40.29	2.3		
41	4655	35.64	2.5		
49	4065	29.95	3.0		
22	8883	65.20	0.85	MD 139	4P
25	8056	59.17	0.95	MDF 139	4P
29	6926	50.80	1.10		
33	6052	44.39	1.25		
39	5130	37.65	1.00	MD 139	4P
45	4484	32.91	1.70	MDF 139	4P
54	3692	27.11	1.95		
56	4825	29.57	1.65	MD 139	4P
65	3957	24.12	2.3	MDF 139	4P
67	3993	22.00	2.5		
77	3584	19.04	2.9		
87	2298	16.82	3.3	MD 139	4P
101	1970	14.53	3.9	MDF 139	4P
114	1748	12.83	4.4		
42	4807	35.26	0.85	MD 109	4P
50	4013	29.49	1.00		
55	3382	24.90	1.20	MD 109	4P
65	3070	22.62	1.35	MDF 109	4P
73	2730	20.07	1.50		
86	3480	18.21	1.65	MD 109	4P
94	2126	15.65	1.90	MDF 109	4P
107	1862	13.66	2.2		
126	1577	11.59	2.6		
145	1375	10.13	3.0		
126	1539	8.34	3.6		
166	1074	7.86	2.6		
220	912	6.66	3.1		
252	796	5.62	3.6		
73	2745	20.14	0.90	MD 99	4P
80	2459	18.24	0.95	MDF 99	4P
91	2204	16.17	1.05		
103	1985	14.82	1.10		
118	1691	12.39	1.25	MD 89	4P
135	1473	10.83	1.35	MDF 89	4P
158	1264	9.29	1.50		
175	1143	8.39	1.70		
205	969	7.12	1.95		
235	846	6.21	2.1		
262	706	5.20	2.4		
320	613	4.50	2.5		
148	1349	9.90	0.85	MD 89	4P
163	1240	9.14	0.90	MDF 89	4P
178	1121	8.22	1.00		
205	969	7.13	1.05		
229	874	6.39	1.10		
276	722	5.30	1.20		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
22KW						
349	570	4.29	1.83	MDX	109	4P
384	518	3.81	1.50	MDXF	109	4P
433	461	3.38	1.70			
477	418	3.07	1.90			
555	361	2.64	2.2			
636	314	2.39	2.5	MDX	109	4P
750	266	1.96	2.7	MDXF	109	4P
858	233	1.71	2.9			
1037	191	1.41	3.2			
402	494	3.64	1.15	MDX	99	4P
444	451	3.39	1.25	MDXF	99	4P
501	399	2.92	1.43			
554	361	2.64	1.55			
654	304	2.24	1.85			
748	266	1.96	2.0			
895	223	1.64	2.2			
1030	193	1.42	2.2			
531	375	2.76	1.60	MDX	89	4P
590	337	2.48	1.15	MDXF	89	4P
689	290	2.13	1.25			
766	261	1.93	1.30			
918	219	1.60	1.35			
1055	190	1.39	1.45			
30KW						
76	37918	231	0.82	MD	179/MD109	4P
80	33397	185	1.06	MDF	179/MD109	4P
84	29373	157	1.25			
90	30576	163.43	1.14	MD	179	4P
98	27006	149.63	1.25	MDF	179	4P
11	24462	130.74	1.43			
13	21754	116.27	1.61			
15	18955	101.30	1.85			
16	16516	88.38	2.07			
19	14494	77.04	2.43			
23	11825	63.20	2.96			
26	10301	56.39	3.32			
14	16955	107.49	0.85	MD	109	4P
16	15290	93.19	1.00	MDF	109	4P
18	13260	82.91	1.10			
20	13680	73.70	1.25	MD	109	4P
22	12445	67.40	1.35	MDF	109	4P
25	10830	58.65	1.55			
28	9505	51.76	1.80			
33	8303	44.87	2.1			
37	7331	39.92	2.3			
43	6375	34.41	2.7			
53	5179	27.96	3.3			
62	4369	23.71	3.9			
18	10485	83.47	0.80	MD	149	4P
20	13300	72.09	0.95	MDF	149	4P
22	12445	66.99	1.00			
24	11305	61.09	1.10			
28	9765	52.87	1.25	MD	149	4P
32	8636	46.65	1.45	MDF	149	4P
36	7458	40.29	1.65			
41	6603	35.64	1.85			
49	5546	29.95	2.2			
61	4475	24.19	2.5			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
30KW						
72	3761	20.44	3.0	MD	149	4P
82	3335	18.04	3.0	MDF	149	4P
94	2898	15.64	4.3			
99	9415	98.86	0.85	MD	139	4P
33	8218	44.39	0.00	MDF	139	4P
39	6973	37.65	1.10			
45	6080	32.91	1.25			
54	5016	27.11	1.44			
61	4485	24.12	1.70	MD	139	4P
67	4070	22.00	1.85	MDF	139	4P
77	3523	19.04	2.2			
88	3107	16.80	2.4			
101	3689	14.51	2.6	MD	139	4P
115	2371	12.83	3.2	MDF	139	4P
136	1990	10.79	3.8			
158	1800	7.56	3.5			
210	1178	6.38	4.1			
73	3715	20.87	1.10	MD	109	4P
81	3373	18.21	1.20	MDF	109	4P
94	2898	15.65	1.40			
108	2527	13.66	1.69			
127	2167	11.59	1.99			
145	1873	10.13	2.2			
177	1540	8.34	2.7			
197	1454	7.86	1.65			
221	1233	6.66	2.3			
252	1083	5.62	2.6			
306	890	4.80	3.1			
101	2709	14.62	0.60	MD	99	4P
119	2299	12.39	0.70	MDF	99	4P
136	2065	10.83	1.09			
158	1720	9.29	1.10			
175	1558	8.39	1.25			
207	1321	7.12	1.45	MD	99	4P
237	1159	6.21	1.55	MDF	99	4P
283	966	5.20	1.75			
327	836	4.50	1.65			
434	627	3.38	1.25	MDX	109	4P
479	570	3.07	1.40	MDXF	109	4P
557	489	2.64	1.65			
638	426	2.30	1.85			
752	361	1.95	2.0			
860	316	1.71	2.1			
1042	260	1.41	2.3			
503	542	3.02	1.05	MDX	99	4P
556	489	2.64	1.15	MDXF	99	4P
656	413	2.24	1.35			
758	365	1.96	1.50			
868	304	1.64	1.69			
1040	261	1.42	1.65			
37KW						
0.8	40543	195	0.66	MD	179/MD109	4P
0.5	34359	157	1.02	MDF	179/MD109	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
37KW						
0.1	37458	163.43	0.03	MD	179	4P
0.9	34295	149.63	1.02	MDF	179	4P
11	29999	130.74	1.17			
13	26649	116.27	1.31			
15	23216	101.30	1.51			
16	20715	90.38	1.69			
19	17658	77.04	1.98			
23	14485	63.20	2.42			
26	12925	56.39	2.71			
31	11019	48.07	3.18			
37	9129	39.83	3.83			
44	7791	33.99	4.49			
16	21269	93.19	0.60	MD	109	4P
18	19005	82.91	0.00	MDF	109	4P
20	16915	73.70	1.09			
22	15390	67.40	1.10			
25	13395	58.65	1.30			
28	11760	51.76	1.45			
33	10260	44.87	1.65			
37	9130	39.92	1.99			
43	7857	34.41	2.2			
53	6384	27.96	2.7			
48	7011	30.71	1.35	MD	109	4P
60	5605	24.57	2.4	MDF	109	4P
67	4985	21.85	2.5			
77	4351	19.03	3.5			
87	3876	16.98	3.7			
27	15295	66.99	0.60	MD	149	4P
24	13965	61.09	0.00	MDF	149	4P
28	12005	52.87	1.09			
32	10640	46.65	1.15	MD	149	4P
36	9194	40.29	1.35	MDF	149	4P
41	8042	35.64	1.50			
49	6840	29.95	1.89			
61	5520	24.19	2.1			
72	6985	30.44	2.4	MD	149	4P
82	4123	18.04	2.4	MDF	149	4P
94	3572	15.64	3.5			
106	3173	13.91	3.6	MD	149	4P
				MDF	149	4P
39	8598	37.65	0.00	MD	139	4P
45	7515	32.91	1.09	MDF	139	4P
54	6191	27.11	1.68			
61	5510	24.12	1.49	MD	139	4P
67	5020	22.00	1.58	MDF	139	4P
77	4351	19.04	1.75			
89	3838	16.80	2.0			
101	3316	14.51	2.5	MD	139	4P
115	2928	12.83	2.0	MDF	139	4P
136	2461	10.79	3.1			
159	1999	8.71	3.7			
194	1729	7.56	2.9			
230	1454	6.38	3.3			
280	1178	5.15	3.7			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
37KW						
73	4579	20.07	0.96	MD	109	4P
83	4091	18.21	1.00	MDF	109	4P
94	3572	15.65	1.15			
105	3116	13.66	1.30			
127	2653	11.59	1.55			
145	2309	10.13	1.75			
177	1907	8.34	2.2			
187	1790	7.86	1.55			
221	1520	6.66	1.85			
252	1330	5.82	2.1			
306	1094	4.80	2.6			
434	770	3.38	1.00	MDX	109	4P
479	703	3.07	1.10	MDXF	109	4P
557	603	2.64	1.30			
638	527	2.30	1.50			
752	447	1.95	1.65			
860	390	1.71	1.70			
1042	321	1.41	1.89			
45KW						
10	45710	149.63	0.84	MD	179	4P
11	36445	130.74	0.96	MDF	179	4P
13	32411	116.27	1.08			
15	28238	101.30	1.24			
16	25194	90.39	1.39			
19	21475	77.04	1.63			
23	17617	63.20	1.99			
26	15719	56.39	2.23			
31	13409	48.07	2.61			
37	11334	39.83	3.09			
44	9672	33.99	3.62			
49	8692	30.51	2.45	MD	179	4P
54	7766	27.36	2.73	MDF	179	4P
62	6761	23.76	3.15			
69	6135	21.56	3.48			
26	26425	73.70	0.85	MD	169	4P
22	18715	67.40	0.96	MDF	169	4P
25	16245	58.65	1.05			
28	14345	51.76	1.20			
33	12445	44.87	1.35	MD	169	4P
37	11115	39.92	1.55	MDF	169	4P
42	9595	34.41	1.80			
53	7762	27.96	2.2			
62	6564	23.71	2.6			
48	8531	30.71	1.10	MD	169	4P
56	6821	24.57	1.05	MDF	169	4P
67	6071	21.85	2.0			
77	5262	19.03	2.9			
87	4712	16.98	3.0			
28	14725	52.87	0.85	MD	149	4P
32	12920	46.65	0.95	MDF	149	4P
36	11210	40.29	1.10			
41	9690	35.64	1.25			
49	8322	29.95	1.50			
61	6717	24.19	1.70			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
45KW					
72	5672	20.44	2.0	MD 149	4P
82	5007	18.04	2.0	MDF 149	4P
94	4342	15.64	2.6		
106	3857	13.91	3.1		
123	3335	11.99	3.7		
203	2014	7.25	4.1		
45	9109	32.91	0.85	MD 139	4P
54	7524	27.11	0.96	MDF 139	4P
61	6808	24.12	1.15	MD 139	4P
67	6109	22.00	1.25	MDF 139	4P
77	5202	19.04	1.45		
88	4605	16.80	1.65		
101	4026	14.51	1.90	MD 139	4P
115	3503	12.63	2.1	MDF 139	4P
138	2883	10.79	2.5		
169	2423	8.71	3.1		
194	2109	7.59	2.3		
230	1767	6.36	2.7		
265	1405	5.15	3.1		
84	4351	15.65	0.65	MD 139	4P
106	3791	13.66	1.10	MDF 139	4P
127	3221	11.59	1.25		
145	2812	10.13	1.45		
177	2314	8.34	1.74		
187	2185	7.86	1.30		
221	1653	6.66	1.50		
252	1515	5.82	1.75		
306	1335	4.80	2.1		
434	841	3.56	0.65	MDH 139	4P
459	855	3.07	0.80	MDHF 139	4P
557	732	2.64	1.10		
638	641	2.30	1.25		
732	540	1.95	1.35		
850	475	1.71	1.40		
1042	391	1.41	1.58		
55KW					
11	44543	160.74	0.79	MD 179	4P
13	39014	116.27	0.88	MDF 179	4P
15	34513	101.30	1.01		
16	33793	99.36	1.14		
19	26246	77.04	1.33		
21	21532	63.20	1.63		
26	19212	56.39	1.82		
31	16378	48.07	2.14		
37	13579	39.83	2.58		
44	11580	33.99	3.02		
49	10395	30.51	1.57	MD 179	4P
54	9322	27.35	2.19	MDF 179	4P
62	8005	23.76	2.52		
69	7348	21.56	2.78		
80	6327	18.57	3.23		
25	16855	58.66	0.65	MD 169	4P
29	15990	51.76	1.00	MDF 169	4P
33	15200	44.67	1.15		
37	13480	39.92	1.25		
43	11685	34.41	1.45		
53	9402	27.06	1.80		
62	8018	23.71	2.1		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
55KW					
60	8313	24.57	1.69	MD 169	4P
68	7391	21.65	1.65	MDF 169	4P
77	6441	19.03	2.4		
87	5748	16.96	2.5	MD 169	4P
102	4893	14.48	3.5	MDF 169	4P
123	4057	11.99	4.0		
32	15770	46.65	0.60	MD 149	4P
37	13565	40.29	0.50	MDF 149	4P
41	12005	35.64	1.09		
49	10165	29.95	1.29		
61	8182	24.19	1.49		
72	6916	20.44	1.65	MD 149	4P
82	6069	18.04	1.65	MDF 149	4P
94	5292	15.64	2.3		
108	4703	13.91	2.5		
123	4057	11.99	3.0	MD 149	4P
159	3297	9.74	3.6	MDF 149	4P
203	2451	7.25	3.4		
250	1995	5.89	4.1		
77	6441	19.04	1.20	MD 139	4P
88	5681	16.80	1.35	MDF 139	4P
102	4912	14.51	1.55		
115	4342	12.63	1.75	MD 139	4P
137	3648	10.79	2.1	MDF 139	4P
169	2945	8.71	2.5		
194	2565	7.59	1.99		
231	2157	6.36	2.3		
266	1739	5.15	2.5		
75KW					
10	41090	99.38	0.63	MD 179	4P
11	35702	77.04	0.98	MDF 179	4P
23	29302	63.20	1.19		
26	26196	56.39	1.34		
31	22333	48.07	1.57		
37	18505	39.83	1.89		
44	15702	33.99	2.22		
49	14175	30.51	1.44	MD 179	4P
54	12711	27.35	1.69	MDF 179	4P
62	11009	23.76	1.85		
69	10017	21.56	2.04		
80	8626	18.57	2.37		
95	7249	15.60	2.82		
110	6277	13.51	3.20		
33	20615	44.67	0.65	MD 169	4P
37	18335	39.92	0.05	MDF 169	4P
43	15695	34.41	1.10		
53	12825	27.06	1.35		
62	10925	23.71	1.55		
80	11395	24.57	1.20	MD 169	4P
88	10070	21.65	1.25	MDF 169	4P
78	8750	19.03	1.75		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
75KW					
67	7600	16.96	1.85	MD 169	4P
102	6650	14.48	2.0	MDF 169	4P
123	5519	11.99	2.9		
145	4703	10.24	3.4		
40	13775	29.95	0.50	MD 149	4P
61	11115	24.19	1.09		
72	9396	20.44	1.29	MD 149	4P
82	8264	18.04	1.29	MDF 149	4P
95	7162	15.64	1.70		
106	6384	13.91	1.85		
123	5519	11.99	2.2	MD 149	4P
152	4475	9.74	2.0	MDF 149	4P
179	3800	8.26	3.5		
204	3335	7.25	2.5		
251	2700	5.89	3.0		
298	2299	5.02	3.0		
90KW					
19	42951	77.04	0.91	MD 179	4P
23	35235	63.20	0.99	MDF 179	4P
26	31438	56.39	1.11		
31	26800	48.07	1.35		
37	22206	39.83	1.58		
44	18850	33.99	1.85		
49	17010	30.51	1.20	MD 179	4P
54	15254	27.35	1.34	MDF 179	4P
62	13247	23.76	1.54		
69	12020	21.56	1.70		
80	10353	18.57	1.97		
95	8697	15.60	2.35		
110	7532	13.51	2.71		
131	6277	11.20	3.20		
37	22640	39.82	0.60	MD 169	4P
43	19000	34.41	0.00	MDF 169	4P
53	15390	27.06	1.60		
62	13110	23.71	1.86		
60	13561	24.57	1.09	MD 169	4P
68	12005	21.65	1.09	MDF 169	4P
78	10545	19.03	1.45		
67	9367	16.96	1.76	MD 169	4P
102	7980	14.48	2.1	MDF 169	4P
123	6812	11.99	2.4		
145	5843	10.24	2.9		
72	11305	20.44	1.09	MD 149	4P
82	9975	18.04	1.09	MDF 149	4P
95	8629	15.64	1.45		
106	7678	13.91	1.55		
123	6612	11.99	1.85	MD 149	4P
152	5377	9.74	2.5	MDF 149	4P
179	4563	8.26	2.7		
204	4009	7.25	2.1		
251	3240	5.89	2.5		
298	2755	5.00	3.0		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
110KW					
26	36295	56.39	0.91	MD 179	4P
31	32645	48.07	1.07	MDF 179	4P
37	27049	39.83	1.29		
44	23053	33.99	1.52		
49	18191	28.26	1.37	MD 179	4P
58	14842	21.56	1.40	MDF 179	4P
80	12811	18.57	1.62		
95	10994	15.60	1.93		
110	9175	13.51	2.23		
132	7646	11.26	2.67		
155	6593	9.60	3.13		
53	18850	27.96	0.90	MD 169	4P
63	15969	23.71	1.05	MDF 169	4P
78	12825	19.03	1.20	MD 169	4P
87	11400	16.58	1.25	MDF 169	4P
103	9600	14.48	1.75		
124	8056	11.99	2.0		
145	6878	10.24	2.4		
132KW					
31	39174	48.07	0.89	MD 179	4P
37	33459	39.83	1.08	MDF 179	4P
44	27790	33.99	1.26		
69	17570	21.56	1.16	MD 179	4P
80	15153	18.57	1.35	MDF 179	4P
95	12713	15.60	1.61		
110	11010	13.51	1.86		
132	9176	11.26	2.23		
155	7923	9.60	2.61		
63	19095	23.71	0.90	MD 169	4P
				MDF 169	4P
78	15393	19.03	1.00	MD 169	4P
87	13680	16.58	1.05	MDF 169	4P
103	11505	14.48	1.45		
124	9660	11.99	1.65		
145	8258	10.24	1.95		
160KW					
88	16343	16.57	1.11	MD 179	4P
95	15410	15.60	1.33	MDF 179	4P
110	13345	13.51	1.53		
132	11122	11.26	1.84		
155	9403	9.60	2.16		
103	14155	14.48	1.20	MD 169	4P
124	11600	11.99	1.40	MDF 169	4P
145	9975	10.24	1.60		

2.10 MD系列恒扭矩选型参数表

Constant torque model selection parameter form of MD series

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
130N·m				
0.16	8612	MD 29MD19	0.12	4P
0.19	7625	MDF 29MD19	0.12	4P
0.20	6921			
0.23	6050			
0.26	5217			
0.30	4801			
0.34	4073			
0.39	3516			
0.44	3100			
0.50	2753			
0.57	2414			
0.65	2160			
0.76	1822	MD 29MD19	0.12	4P
0.87	1580	MDF 29MD19	0.12	4P
0.94	1454			
1.1	1270			
1.2	1199			
1.4	972			
1.6	840			
1.9	741			
2.1	654			
2.4	566			
2.8	499			
3.1	440	MD 29MD19	0.12	4P
3.6	381	MDF 29MD19	0.12	4P
4.2	329			
4.8	290			
5.4	256			
6.1	227			
6.8	203			
7.4	179	MD 29MD19	0.18	4P
8.5	156	MDF 29MD19	0.18	4P
9.6	135			
11	118			
12	104	MD 29MD19	0.25	4P
14	90	MDF 29MD19	0.25	4P
200N·m				
0.16	8505	MD 39MD19	0.12	4P
0.19	7411	MDF 39MD19	0.12	4P
0.20	6907			
0.23	6638			
0.27	5208			
0.30	4651			
0.34	4065			
0.38	3656			
0.44	3154			
0.50	2757			
0.57	2439			
0.66	2130			
0.76	1818	MD 39MD19	0.12	4P
0.88	1576	MDF 39MD19	0.12	4P
1.0	1356			
1.1	1267			
1.3	1089			
1.4	970			
1.7	839			
1.9	740			
2.1	653			
2.4	577			
2.8	499			

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
200N·m				
3.1	430	MD 39MD19	0.12	4P
3.6	378	MDF 39MD19	0.12	4P
4.2	329			
4.6	288	MD 39MD19	0.18	4P
5.0	265	MDF 39MD19	0.18	4P
5.8	226			
6.5	202			
7.5	170	MD 39MD19	0.25	4P
8.3	156	MDF 39MD19	0.25	4P
9.7	135			
10	127			
13	104	MD 39MD19	0.37	4P
15	90	MDF 39MD19	0.37	4P
300N·m				
0.19	13595	MD 49MD39	0.12	4P
0.19	12472	MDF 49MD39	0.12	4P
0.13	10610			
0.15	9155			
0.16	8534			
0.18	7460			
0.20	6993			
0.22	6171			
0.25	5624			
0.28	4849			
0.31	4520			
0.35	3951			
0.37	3704			
0.42	3268			
0.48	2886			
0.50	2483			
0.53	2598	MD 49MD39	0.12	4P
0.58	2353	MDF 49MD39	0.12	4P
0.68	2029			
0.79	1749			
0.85	1630			
0.97	1420			
1.0	1336			
1.2	1179			
1.3	1074			
1.5	927			
1.6	863			
1.8	756			
2.5	546	MD 49MD39	0.12	4P
2.8	502	MDF 49MD39	0.12	4P
3.1	429	MD 49MD39	0.18	4P
3.6	372	MDF 49MD39	0.18	4P
3.9	348			
4.4	301			
5.1	255	MD 49MD39	0.25	4P
5.7	228	MDF 49MD39	0.25	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
450N·m				
0.19	14369	MD 59MD39	0.12	4P
0.19	12695	MDF 59MD39	0.12	4P
0.13	10800			
0.15	9445			
0.16	8489			
0.19	7312			
0.21	6521			
0.25	5585			
0.28	4928			
0.32	4376			
0.36	3873			
0.41	3344			
0.47	2997			
0.54	2647			
0.61	2344			
0.70	1967			
0.80	1732	MD 59MD39	0.12	4P
0.89	1565	MDF 59MD39	0.12	4P
0.99	1399			
1.2	1189			
1.3	1034			
1.6	782			
1.9	679	MD 59MD39	0.18	4P
2.2	604	MDF 59MD39	0.18	4P
2.5	537			
2.8	471			
3.6	357	MD 59MD39	0.25	4P
4.1	319	MDF 59MD39	0.25	4P
5.1	273	MD 59MD39	0.37	4P
5.7	241	MDF 59MD39	0.37	4P
600N·m				
0.09	15301	MD 69MD39	0.12	4P
0.11	12931	MDF 69MD39	0.12	4P
0.12	11996			
0.14	10697			
0.15	9696			
0.18	7816			
0.20	6732			
0.23	5870			
0.26	5268			
0.29	4660			
0.33	4136			
0.39	3566			
0.44	3125			
0.50	2745			
0.57	2463			
0.51	2642	MD 69MD39	0.12	4P
0.56	2460	MDF 69MD39	0.12	4P
0.66	2094			
0.76	1805			
0.85	1629			
0.94	1471			
1.0	1319			
1.8	738	MD 69MD39	0.18	4P
2.3	571	MDF 69MD39	0.18	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
600N·m				
2.7	486	MD 69MD39	0.25	4P
		MDF 69MD39	0.25	4P
0.84	1652	MD 69MD39	0.12	4P
0.96	1432	MDF 69MD39	0.12	4P
1.1	1259			
1.2	1130			
1.6	836	MD 69MD39	0.18	4P
1.8	750	MDF 69MD39	0.18	4P
2.0	681			
2.3	574			
2.6	495	MD 69MD39	0.25	4P
3.0	436	MDF 69MD39	0.25	4P
3.4	388			
4.0	344	MD 69MD39	0.37	4P
4.7	294	MDF 69MD39	0.37	4P
820N·m				
0.08	16370	MD 79MD39	0.12	4P
0.09	15035	MDF 79MD39	0.12	4P
0.10	13885			
0.11	12783			
0.13	11021			
0.14	10268			
0.16	9214			
0.18	7917			
0.20	6779			
0.24	5836			
0.27	5184			
0.31	4409			
0.35	3909			
0.40	3466			
0.45	3053			
0.52	2671			
0.44	3131	MD 79MD39	0.12	4P
0.48	2890	MDF 79MD39	0.12	4P
0.56	2469			
0.65	2121			
0.70	1977			
0.80	1728			
0.85	1620			
0.97	1439			
1.1	1303			
1.2	1124	MD 79MD39	0.18	4P
1.3	1047	MDF 79MD39	0.18	4P
1.4	915			
1.5	856			
1.7	757			
1.9	671	MD 79MD39	0.25	4P
2.3	571	MDF 79MD39	0.25	4P
2.3	560	MD 79MD39	0.25	4P
		MDF 79MD39	0.25	4P
2.6	486	MD 79MD39	0.37	4P
3.2	436	MDF 79MD39	0.37	4P
3.7	373			

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P
820N·m					
4.2	327	MD	70-MD39	0.55	4P
4.7	289	MDF	70-MD39	0.55	4P
5.2	260				
1550N·m					
0.08	17452	MD	89-MD59	0.12	4P
0.09	15319	MDF	89-MD59	0.12	4P
0.10	13813				
0.11	12025				
0.13	10540				
0.15	9244				
0.17	8109				
0.20	7036				
0.22	6174				
0.25	5449				
0.29	4831				
0.33	4206				
0.37	3744				
0.43	3233				
0.49	2873				
0.67	1901	MD	89-MD59	0.18	4P
		MDF	89-MD59	0.18	4P
0.34	4020	MD	89-MD59	0.12	4P
0.43	3182	MDF	89-MD59	0.12	4P
0.50	2770				
0.53	2595				
0.62	2109	MD	89-MD59	0.18	4P
0.66	1930	MDF	89-MD59	0.18	4P
0.76	1753				
0.89	1489				
0.93	1395	MD	89-MD59	0.25	4P
1.1	1232	MDF	89-MD59	0.25	4P
1.3	1145				
1.2	1037				
1.7	882	MD	89-MD59	0.37	4P
1.8	758	MDF	89-MD59	0.37	4P
0.78	1737	MD	89-MD59	0.18	4P
0.87	1534	MDF	89-MD59	0.18	4P
1.0	1303	MD	89-MD59	0.25	4P
		MDF	89-MD59	0.25	4P
1.4	1038	MD	89-MD59	0.55	4P
		MDF	89-MD59	0.55	4P
1.6	885	MD	89-MD59	0.37	4P
		MDF	89-MD59	0.37	4P
2.0	685	MD	89-MD59	0.55	4P
2.3	599	MDF	89-MD59	0.55	4P
3.5	396	MD	89-MD59	0.75	4P
3.9	352	MDF	89-MD59	0.75	4P
4.6	305	MD	89-MD59	1.1	4P
5.2	266	MDF	89-MD59	1.1	4P
2.5	531	MD	89-MD59	0.55	4P
2.9	472	MDF	89-MD59	0.55	4P
3.5	400	MD	89-MD59	0.75	4P
3.8	361	MDF	89-MD59	0.75	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P
1550N·m					
4.7	300	MD	89-MD59	1.1	4P
5.5	256	MDF	89-MD59	1.1	4P
0.06	21789	MD	89-MD59	0.12	4P
0.07	19332	MDF	89-MD59	0.12	4P
0.08	17230				
0.09	14869				
0.10	13320				
0.12	11156				
0.14	9909				
0.16	8756				
0.18	7892				
0.21	6798				
0.23	5831				
0.27	5161				
3000N·m					
0.33	4864	MD	89-MD59	0.18	4P
0.38	3468	MDF	89-MD59	0.18	4P
0.29	4679	MD	89-MD59	0.12	4P
		MDF	89-MD59	0.12	4P
0.31	4308	MD	89-MD59	0.18	4P
0.36	3702	MDF	89-MD59	0.18	4P
0.44	3015				
0.49	2668	MD	89-MD59	0.25	4P
0.58	2245	MDF	89-MD59	0.25	4P
0.64	2031				
0.80	1733	MD	89-MD59	0.37	4P
0.85	1623	MDF	89-MD59	0.37	4P
0.98	1434				
1.1	1207	MD	89-MD59	0.55	4P
1.2	1084	MDF	89-MD59	0.55	4P
1.5	934				
1.6	876				
1.8	755	MD	89-MD59	0.75	4P
		MDF	89-MD59	0.75	4P
0.76	1823	MD	89-MD59	0.37	4P
0.87	1583	MDF	89-MD59	0.37	4P
0.99	1386				
1.1	1235	MD	89-MD59	0.55	4P
1.3	1057	MDF	89-MD59	0.55	4P
1.4	936				
1.7	824	MD	89-MD59	0.75	4P
1.9	737	MDF	89-MD59	0.75	4P
2.2	632	MD	89-MD59	1.1	4P
2.5	560	MDF	89-MD59	1.1	4P
2.9	484				
3.3	431	MD	89-MD59	1.5	4P
3.7	379	MDF	89-MD59	1.5	4P
4.2	336				
4.8	296	MD	89-MD59	2.2	4P
5.7	249	MDF	89-MD59	2.2	4P
6.9	234				
2.2	633	MD	89-MD59	1.1	4P
2.6	549	MDF	89-MD59	1.1	4P
5.2	270	MD	89-MD59	2.2	4P
6.2	227	MDF	89-MD59	2.2	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P
4300N·m					
0.07	20898	MD	109-MD79	0.12	4P
0.08	17680	MDF	109-MD79	0.12	4P
0.09	14936				
0.11	12660				
0.12	11256				
0.14	9547				
0.16	8650				
0.18	7543				
0.20	6743	MD	109-MD79	0.18	4P
0.22	5914	MDF	109-MD79	0.18	4P
0.26	5068				
0.30	4435				
0.33	3896	MD	109-MD79	0.25	4P
0.43	3039	MDF	109-MD79	0.25	4P
0.34	3981	MD	109-MD79	0.18	4P
		MDF	109-MD79	0.18	4P
0.39	3343	MD	109-MD79	0.25	4P
0.43	3014	MDF	109-MD79	0.25	4P
0.52	2653	MD	109-MD79	0.37	4P
0.61	2289	MDF	109-MD79	0.37	4P
0.67	2067				
0.80	1693	MD	109-MD79	0.55	4P
0.88	1550	MDF	109-MD79	0.55	4P
0.97	1402				
1.1	1200	MD	109-MD79	0.75	4P
1.3	1055	MDF	109-MD79	0.75	4P
1.5	919	MD	109-MD79	1.1	4P
1.7	815	MDF	109-MD79	1.1	4P
1.9	737				
2.2	626	MD	109-MD79	1.5	4P
2.7	529	MDF	109-MD79	1.5	4P
0.70	1968	MD	109-MD79	0.37	4P
		MDF	109-MD79	0.37	4P
0.31	1927	MD	109-MD79	0.55	4P
0.85	1569	MDF	109-MD79	0.55	4P
0.97	1403				
1.1	1226	MD	109-MD79	0.75	4P
1.2	1104	MDF	109-MD79	0.75	4P
1.5	939				
1.7	820	MD	109-MD79	1.1	4P
		MDF	109-MD79	1.1	4P
2.3	614	MD	109-MD79	1.5	4P
2.6	544	MDF	109-MD79	1.5	4P
2.9	460				
3.4	417	MD	109-MD79	2.2	4P
3.8	369	MDF	109-MD79	2.2	4P
4.4	323				
4.9	285	MD	109-MD79	3	4P
5.5	253	MDF	109-MD79	3	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P
4300N·m					
6.6	214	MD	109-MD79	4	4P
7.6	187	MDF	109-MD79	4	4P
3.9	360	MD	109-MD79	1.5	4P
		MDF	109-MD79	1.5	4P
3.3	426	MD	109-MD79	2.2	4P
3.7	377	MDF	109-MD79	2.2	4P
4.4	325				
4.9	294	MD	109-MD79	3	4P
5.5	256	MDF	109-MD79	3	4P
6.5	220	MD	109-MD79	4	4P
7.3	193	MDF	109-MD79	4	4P
8.2	172				
8000N·m					
0.06	22203	MD	139-MD79	0.12	4P
0.07	18945	MDF	139-MD79	0.12	4P
0.08	16586				
0.09	14777				
0.11	12921				
0.11	11713	MD	139-MD79	0.18	4P
0.12	10573	MDF	139-MD79	0.18	4P
0.15	9284				
0.17	7979	MD	139-MD79	0.25	4P
0.20	6559	MDF	139-MD79	0.25	4P
0.22	5604				
0.27	5116	MD	139-MD79	0.37	4P
0.31	4404	MDF	139-MD79	0.37	4P
0.35	3928				
0.39	3454	MD	139-MD79	0.55	4P
0.45	2933	MDF	139-MD79	0.55	4P
0.26	6789	MD	139-MD79	0.37	4P
0.34	4019	MDF	139-MD79	0.37	4P
0.39	3514	MD	139-MD79	0.55	4P
0.45	3059	MDF	139-MD79	0.55	4P
0.46	2929				
0.55	2484				
0.62	2242	MD	139-MD79	0.75	4P
0.74	1843	MDF	139-MD79	0.75	4P
0.88	1586	MD	139-MD79	1.1	4P
1.0	1301	MDF	139-MD79	1.1	4P
1.1	1256				
1.3	1105	MD	139-MD79	1.5	4P
1.4	1043	MDF	139-MD79	1.5	4P
1.8	886				
2.9	699	MD	139-MD79	2.2	4P
2.3	633	MDF	139-MD79	2.2	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
8000N·m				
0.51	2650	MD 130 MD70	0.55	4P
0.56	2412	MDF 130 MD70	0.55	4P
0.67	2013	MD 130 MD70	0.75	4P
0.75	1839	MDF 130 MD70	0.75	4P
0.88	1598	MD 130 MD70	1.1	4P
1.0	1393	MDF 130 MD70	1.1	4P
1.1	1226			
1.3	1079	MD 130 MD70	1.5	4P
1.5	942	MDF 130 MD70	1.5	4P
1.7	831	MD 130 MD70	2.2	4P
1.9	730	MDF 130 MD70	2.2	4P
2.2	629			
2.5	560	MD 130 MD70	3	4P
2.9	490	MDF 130 MD70	3	4P
3.3	429	MD 130 MD70	4	4P
3.7	381	MDF 130 MD70	4	4P
4.4	323	MD 130 MD70	5.5	4P
4.9	291	MDF 130 MD70	5.5	4P
5.6	255			
2.5	564	MD 130 MD70	3	4P
2.7	512	MDF 130 MD70	3	4P
3.1	453			
3.8	370	MD 130 MD70	4	4P
4.2	339	MDF 130 MD70	4	4P
4.8	297	MD 130 MD70	5.5	4P
		MDF 130 MD70	5.5	4P
13000N·m				
0.36	23401	MD 140 MD70	0.92	4P
0.39	21342	MDF 140 MD70	0.92	4P
0.37	19210	MD 140 MD70	0.55	4P
0.39	17523	MDF 140 MD70	0.55	4P
0.39	14075			
0.11	12344	MD 140 MD70	0.25	4P
0.12	11143	MDF 140 MD70	0.25	4P
0.13	9743			
0.16	8443	MD 140 MD70	0.37	4P
0.19	7307	MDF 140 MD70	0.37	4P
0.21	6447			
0.24	5568	MD 140 MD70	0.55	4P
0.26	4926	MDF 140 MD70	0.55	4P
0.31	4325			
0.37	3754	MD 140 MD70	0.75	4P
0.42	3302	MDF 140 MD70	0.75	4P
0.48	2918			

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
13000N·m				
0.55	2555	MD 140 MD70	1.1	4P
0.63	2211	MDF 140 MD70	1.1	4P
0.72	1951			
0.83	1705	MD 140 MD70	1.5	4P
0.92	1536	MDF 140 MD70	1.5	4P
1.1	1329	MD 140 MD70	2.2	4P
1.2	1168	MDF 140 MD70	2.2	4P
1.4	1029			
1.6	889	MD 140 MD70	3	4P
1.8	784	MDF 140 MD70	3	4P
2.0	695	MD 140 MD70	4	4P
2.3	619	MDF 140 MD70	4	4P
2.5	558			
2.9	489	MD 140 MD70	5.5	4P
		MDF 140 MD70	5.5	4P
2.7	533	MD 140 MD70	4	4P
		MDF 140 MD70	4	4P
3.1	462	MD 140 MD70	5.5	4P
3.4	426	MDF 140 MD70	5.5	4P
3.9	366	MD 140 MD70	7.5	4P
4.4	326	MDF 140 MD70	7.5	4P
6.7	214	MD 140 MD70	11	4P
		MDF 140 MD70	11	4P
18000N·m				
0.05	27601	MD 169 MD90	0.55	4P
0.06	22452	MDF 169 MD90	0.55	4P
0.07	20662			
0.08	17301			
0.09	15446			
0.10	14051			
0.12	11912			
0.13	10509			
0.14	9636			
0.18	7749	MD 169 MD90	1.1	4P
0.20	6884	MDF 169 MD90	1.1	4P
0.22	6077	MD 169 MD90	0.55	4P
		MDF 169 MD90	0.55	4P
0.26	5407	MD 169 MD90	0.75	4P
0.30	4650	MDF 169 MD90	0.75	4P
0.33	4129			
0.38	3602	MD 169 MD90	1.1	4P
		MDF 169 MD90	1.1	4P
0.53	2657	MD 169 MD90	1.5	4P
0.60	2333	MDF 169 MD90	1.5	4P
0.68	2065			

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
18000N·m				
0.75	1877	MD 169 MD90	2.2	4P
0.84	1670	MDF 169 MD90	2.2	4P
0.96	1430			
1.1	1270	MD 169 MD90	3	4P
1.2	1123		3	4P
1.4	969	MDF 169 MD90		
1.7	861	MD 169 MD90	4	4P
1.9	766	MDF 169 MD90	4	4P
2.2	654	MD 169 MD90	5.5	4P
2.5	579	MDF 169 MD90	5.5	4P
2.8	503	MD 169 MD90	7.5	4P
3.3	432	MDF 169 MD90	7.5	4P
4.6	303	MD 169 MD90	11	4P
5.2	279	MDF 169 MD90	11	4P
5.0	287	MD 169 MD109	11	4P
5.3	270	MDF 169 MD109	11	4P
6.4	229	MD 169 MD109	15	4P
7.3	200	MDF 169 MD109	15	4P
5.0	291	MD 169 MD109	11	4P
		MDF 169 MD109	11	4P
5.5	264	MD 169 MD109	15	4P
6.4	227	MDF 169 MD109	15	4P
7.4	199			
35000N·m				
0.06	24438.649	MD 170 MD99	0.55	4P
0.06	21909.385	MDF 170 MD99	0.55	4P
0.07	19547.561			
0.08	17222.711			
0.09	15366.485			
0.10	13627.841			
0.12	11799.080	MD 170 MD99	0.75	4P
0.13	10527.404	MDF 170 MD99	0.75	4P
0.16	8973	MD 170 MD99	1.1	4P
0.17	8358	MDF 170 MD99	1.1	4P
0.19	7311			
0.21	6523			
0.25	5599	MD 170 MD99	1.5	4P
0.28	4972	MDF 170 MD99	1.5	4P
0.32	4446	MD 170 MD99	2.2	4P
0.35	3997	MDF 170 MD99	2.2	4P
0.41	3488			
0.45	3134	MD 170 MD99	3	4P
0.51	2754	MDF 170 MD99	3	4P
0.56	2536			

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
35000N·m				
0.64	2202	MD 179 MD99	4	4P
0.71	2040	MDF 179 MD99	4	4P
0.79	1839			
0.76	1820	MD 179 MD99	5.5	4P
1.0	1402	MDF 179 MD99	5.5	4P
1.2	1203	MD 179 MD99	7.5	4P
1.3	1136	MDF 179 MD99	7.5	4P
1.5	969			
1.9	783	MD 179 MD99	11	4P
2.1	690	MDF 179 MD99	11	4P
2.4	616	MD 179 MD99	15	4P
2.8	531	MDF 179 MD99	15	4P
3.1	473	MD 179 MD99	18.5	4P
3.3	450	MDF 179 MD99	18.5	4P
3.7	401	MD 179 MD99	22	4P
4.2	350	MDF 179 MD99	22	4P
4.9	300	MD 179 MD99	30	4P
		MDF 179 MD99	30	4P
4.4	336	MD 179 MD109	22	4P
		MDF 179 MD109	22	4P
5.4	271	MD 179 MD109	30	4P
6.9	246	MDF 179 MD109	30	4P
7.0	211	MD 179 MD109	37	4P
		MDF 179 MD109	37	4P
8.5	185	MD 179 MD109	45	4P
		MDF 179 MD109	45	4P

2.11 MD系列输入轴型选型参数表

Model selection parameter form of input shaft type of MD series

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
RX59 AD... , n = 1400 1/min			**69 N·m**	
5.50	255	37	1.6	MDK 59 AD2
5.97	235	34	1.6	MDKF 59 AD2
4.35	322	61	2.1	MDK 59 AD2
3.79	369	58	2.3	MDKF 59 AD2
3.55	394	55	2.3	
3.14	446	65	3.1	
2.91	481	49	2.5	
2.64	530	69	4.0	
2.37	591	69	4.4	MDK 59 AD3
2.04	686	69	5.1	MDKF 59 AD3
1.92	729	69	5.4	
1.83	847	69	6.3	
1.48	945	66	7.0	
1.36	1039	63	7.5	
RX69 AD... , n = 1400 1/min			**134 N·m**	
6.07	231	41	1.3	MDK 69 AD2
5.18	270	75	2.2	MDKF 69 AD2
4.53	309	71	2.4	MDK 69 AD2
4.25	330	69	2.4	MDKF 69 AD2
3.77	371	67	3.5	
3.29	439	100	4.7	MDK 69 AD3
2.89	485	105	5.5	MDKF 69 AD3
2.54	551	116	7.0	
2.40	583	123	7.7	
2.04	655	114	8.3	
1.86	754	106	8.7	
1.61	870	99	9.2	
1.40	1000	90	9.6	
RX79 AD... , n = 1400 1/min			**215 N·m**	
6.66	575	54	1.1	MDK 79 AD2
7.40	190	50	1.0	MDKF 79 AD2
6.41	218	101	2.4	
5.63	240	101	2.5	
5.30	264	101	2.8	
4.73	290	123	4.0	MDK 79 AD3
4.04	347	143	5.3	MDKF 79 AD3
3.67	391	143	5.8	
3.25	431	192	8.5	MDK 79 AD4
3.08	455	193	9.5	MDKF 79 AD4
2.70	519	215	12.1	
2.43	576	215	13.4	
2.13	657	209	14.2	
1.88	745	197	15.0	
1.67	840	173	15.7	
1.42	984	155	16.3	
RX89 AD... , n = 1400 1/min			**405 N·m**	
6.65	102	139	2.5	MDK 89 AD2
7.03	193	145	2.9	MDKF 89 AD2
7.20	194	138	2.9	
6.45	217	192	4.5	MDK 89 AD3
5.56	252	225	6.1	MDKF 89 AD3
5.07	276	215	6.4	
4.56	313	299	8.7	MDK 89 AD4
3.78	370	305	12.2	MDKF 89 AD4

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
RX89 AD... , n = 1400 1/min			**405 N·m**	
3.48	403	405	17.6	MDK 89 AD5
3.09	454	405	20	MDKF 89 AD5
2.70	507	405	22	
2.48	564	405	25	
2.15	650	385	27	
1.93	726	355	28	
1.60	870	315	29	
1.39	1005	290	31	
RX99 AD... , n = 1400 1/min			**595 N·m**	
8.23	170	225	4.2	MDK 99 AD3
7.16	196	260	5.5	MDKF 99 AD3
6.56	214	300	6.9	
5.79	242	429	11.0	MDK 99 AD4
4.01	280	395	12.2	MDKF 99 AD4
4.72	300	595	20	MDK 99 AD5
4.04	346	595	22	MDKF 99 AD5
3.64	385	595	25	
3.30	425	595	27	
2.92	479	595	30	
2.64	530	595	34	
2.24	625	595	40	
1.96	716	576	44	
1.64	856	505	46	
1.42	988	455	48	MDK 99 AD6
				MDKF 99 AD6
RX109 AD... , n = 1400 1/min			**830 N·m**	
6.03	231	460	16.5	MDK 109 AD4
5.01	250	455	12.3	MDKF 109 AD4
5.19	270	695	29	MDK 109 AD5
4.65	301	695	23	MDKF 109 AD5
4.20	333	830	30	
3.81	367	830	33	
3.38	414	830	37	
3.07	456	830	40	MDK 109 AD6
2.64	530	830	47	MDKF 109 AD6
2.30	606	830	54	
1.95	716	730	56	
1.71	820	640	56	
1.41	990	540	57	
MD29 AD... , n = 1400 1/min			**130 N·m**	
135.08	10	130	0.18	MD 29 AD1
123.91	11	130	0.19	MDF 29 AD1
105.49	13	130	0.22	
90.96	15	130	0.25	
84.78	17	130	0.27	
74.11	19	130	0.30	MD 29 AD1
69.47	20	130	0.32	MDF 29 AD1
61.30	23	130	0.36	
55.67	25	130	0.39	
48.57	29	130	0.44	
44.90	31	130	0.46	
39.25	36	130	0.54	
36.79	38	130	0.56	
32.47	43	130	0.65	
28.78	49	130	0.73	
24.47	57	130	0.86	

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MD29 AD... , n = 1400 1/min			**130 N·m**	
28.57	49	130	0.74	MD 29 AD2
26.99	54	130	0.79	MDF 29 AD2
22.32	63	130	0.93	
19.35	72	130	1.1	
18.08	77	130	1.1	
16.63	84	130	1.3	
13.28	105	130	1.5	
11.60	118	129	1.7	
10.13	138	122	1.9	
9.41	148	122	2.0	
8.16	172	116	2.2	
7.03	194	112	2.3	
6.59	212	106	2.5	
5.80	250	99	2.7	
5.09	285	95	2.9	
4.27	325	87	3.1	
4.06	350	85	3.3	
3.37	415	79	3.6	
MD39 AD... , n = 1400 1/min			**200 N·m**	
134.82	10	200	0.26	MD 39 AD1
123.60	11	200	0.28	MDF 39 AD1
105.29	13	200	0.32	
90.77	15	200	0.37	
84.61	17	200	0.39	
73.96	19	200	0.45	MD 39 AD1
69.33	20	200	0.48	MDF 39 AD1
63.18	23	200	0.54	
55.76	25	200	0.59	
48.68	29	200	0.69	MD 39 AD2
44.81	31	200	0.73	MDF 39 AD2
39.17	36	200	0.83	
36.72	38	200	0.89	
32.40	43	200	0.99	
28.73	49	200	1.1	
24.42	57	200	1.3	
26.32	49	188	1.1	MD 39 AD2
26.93	54	171	1.0	MDF 39 AD2
22.27	63	200	1.4	
19.31	73	200	1.6	
18.05	78	200	1.7	
16.60	98	200	2.0	
13.25	105	196	2.2	
11.53	118	183	2.4	
10.11	138	170	2.6	
9.47	148	167	2.7	
7.97	176	156	3.0	
6.97	210	144	3.3	
5.97	247	142	3.8	
5.06	277	135	4.1	
4.32	324	126	4.5	
4.05	346	121	4.6	
3.41	411	107	4.8	

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MD49 AD... , n = 1400 1/min			**300 N·m**	
176.88	7.9	300	0.35	MD 49 AD2
162.94	8.6	300	0.33	MDF 49 AD2
139.99	10	300	0.37	
121.87	11	300	0.42	
114.17	12	300	0.45	
93.69	15	300	0.54	
84.90	16	300	0.60	
76.23	18	300	0.66	
69.54	20	300	0.72	
64.21	22	300	0.77	
56.73	25	300	0.86	
52.69	27	300	0.93	
47.75	29	300	1.0	
42.67	33	300	1.1	
38.93	36	300	1.3	
34.73	40	300	1.4	
29.69	47	300	1.6	
26.70	52	300	1.8	
22.61	61	300	2.1	
33.79	41	225	1.0	MD 49 AD2
31.12	45	205	1.0	MDF 49 AD2
26.24	52	300	1.7	
23.29	60	300	2.0	
21.61	64	300	2.1	
19.27	73	295	2.4	
17.59	78	260	2.5	
16.22	80	275	2.8	
14.56	96	265	2.8	
12.54	112	250	3.1	
11.79	119	245	3.2	
10.15	138	230	3.5	
9.07	154	220	3.7	
7.75	181	205	3.9	
7.76	181	163	3.2	
6.96	201	159	3.5	
6.00	233	156	4.0	
5.64	248	155	4.2	
4.85	288	150	4.7	
4.34	323	146	5.1	
3.70	378	144	6.0	MD 49 AD3
				MDF 49 AD3
MD59 AD... , n = 1400 1/min			**450 N·m**	
186.69	7.5	450	0.42	MD 59 AD2
172.57	8.1	450	0.45	MDF 59 AD2
147.92	9.5	450	0.51	
128.77	11	450	0.58	
120.63	12	450	0.62	
106.58	13	450	0.70	
98.99	14	450	0.75	
89.71	16	450	0.83	
80.55	17	450	0.91	
69.23	20	450	1.0	
64.85	22	450	1.1	
57.28	24	450	1.3	
53.22	26	450	1.3	
48.23	29	450	1.5	
43.30	32	450	1.6	
37.36	36	450	1.9	
35.07	40	450	2.0	
30.18	46	450	2.4	
26.97	52	450	2.8	

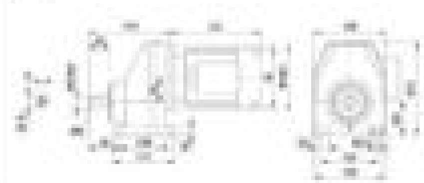
Ratio i	Output speed r/min	Permissible torque N·m	Nominal Power Ratings KW		Type
MD59 AD... , n = 1400 1/min					**450 N·m**
28.31	53	420	2.5	MD 59	AD2
24.70	57	410	2.5	MDF 59	AD2
21.03	64	450	3.2		
18.66	75	450	3.7		
16.70	83	450	4.1		
14.77	95	435	4.5		
13.95	100	430	4.8	MD 59	AD3
11.88	118	405	5.3	MDF 59	AD3
10.70	130	390	5.6		
9.35	150	370	6.1		
9.06	155	335	5.6		
7.97	176	355	6.6		
7.53	186	350	7.1		
6.41	218	335	8.0		
5.62	240	320	8.4		
5.05	277	305	9.2		
4.39	319	280	9.7		
MD69 AD... , n = 1400 1/min					**600 N·m**
109.81	7.0	600	6.51	MD 69	AD2
104.07	7.0	600	6.54	MDF 69	AD2
100.14	6.8	600	6.63		
107.67	10	600	9.72		
108.07	11	600	9.77		
113.94	12	600	9.88		
105.83	13	600	9.92		
95.91	15	600	1.8		
86.11	16	600	1.5		
74.17	19	600	1.3		
69.75	20	600	1.4		
61.26	23	600	1.5		
56.89	25	600	1.7		
51.56	27	600	1.8		
46.29	30	600	2.0		
39.87	35	580	2.3		
37.50	37	570	2.4		
32.27	43	540	2.6		
28.83	48	520	2.8		
28.13	50	410	2.2	MD 69	AD2
26.41	53	400	2.3	MDF 69	AD2
23.44	60	360	3.0		
19.89	70	600	4.7	MD 69	AD3
17.85	78	590	5.1	MDF 69	AD3
15.70	89	560	5.5		
14.91	94	550	5.7		
12.70	110	520	6.3		
11.54	121	500	6.6		
10.0	140	470	7.2		
8.70	161	440	7.7		
7.79	180	380	7.4		
7.36	190	370	7.7		
6.27	223	330	8.0		
5.70	240	310	8.3		
4.93	284	290	9.0		
4.29	326	270	9.6		

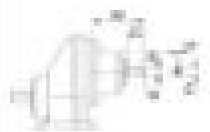
Ratio i	Output speed r/min	Permissible torque N·m	Nominal Power Ratings KW		Type
MD79 AD... , n = 1400 1/min					**820 N·m**
195.24	7.2	820	0.69	MD 79	AD2
166.58	8.4	820	0.80	MDF 79	AD2
145.67	9.6	820	0.92		
136.78	10	820	0.97		
121.42	12	820	1.1		
102.96	14	820	1.3		
92.97	15	820	1.4		
83.83	17	820	1.6		
77.24	18	820	1.7		
65.77	21	820	2.0		
57.00	24	820	2.2		
52.67	27	820	2.5		
45.81	31	820	2.6		
43.20	32	820	3.0		
36.83	38	820	3.5		
33.47	42	820	3.8		
29.80	48	820	4.4		
25.23	56	780	4.6		
23.37	60	820	5.4	MD 79	AD3
21.21	66	820	5.9	MDF 79	AD3
18.80	74	780	6.3		
17.52	79	780	6.7		
15.60	90	740	7.2		
14.05	100	730	7.8		
12.33	114	690	8.5		
10.68	129	660	9.3		
9.64	140	630	10.0		
8.59	161	630	11.2	MD 79	AD4
7.74	181	610	12.0	MDF 79	AD4
6.79	206	580	13.0		
5.69	234	540	13.8		
5.31	264	510	14.7		
MD89 AD... , n = 1400 1/min					**1550 N·m**
246.54	5.7	1550	1.0	MD 89	AD2
216.54	6.5	1550	1.1	MDF 89	AD2
200.79	6.9	1550	1.2		
181.77	7.7	1550	1.4		
155.34	9.0	1550	1.6		
140.99	9.9	1550	1.7		
124.97	11	1550	2.0		
116.43	12	1500	2.1		
103.65	14	1550	2.4		
93.38	15	1550	2.6		
81.92	17	1550	3.0		
71.54	19	1550	3.3		
63.68	22	1550	3.8		
60.35	23	1550	4.0		
52.82	27	1550	4.6		
47.58	29	1550	5.1		
41.34	34	1550	5.8	MD 89	AD3
36.84	38	1550	6.6	MDF 89	AD3
32.66	43	1550	7.4		
27.69	56	1560	8.4		
24.40	41	1380	6.0	MD 89	AD3
23.60	45	1280	6.2	MDF 89	AD3

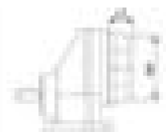
Ratio i	Output speed r/min	Permissible torque N·m	Nominal Power Ratings KW		Type
MD89 AD... , n = 1400 1/min					**1550 N·m**
27.94	50	1550	8.6	MD 89	AD4
23.40	60	1550	10.2	MDF 89	AD4
21.51	65	1540	10.6		
18.18	73	1440	11.5		
17.66	82	1380	12.4		
15.33	105	1280	14.7		
11.93	117	1230	15.7		
9.90	141	1160	18.2		
9.14	153	1210	20	MD 89	AD5
8.22	170	1160	22	MDF 89	AD5
7.13	196	1070	23		
6.39	219	1020	24		
5.30	264	910	26		
MD99 AD... , n = 1400 1/min					**3000 N·m**
216.26	6.5	3000	2.2	MD 99	AD3
195.30	7.5	3000	2.6	MDF 99	AD3
170.02	8.2	3000	2.8		
150.75	9.3	3000	3.1		
136.75	11	3000	3.7		
116.46	12	3000	4.1		
103.44	14	3000	4.8		
92.48	15	3000	5.1		
83.10	17	3000	5.8		
72.57	19	3000	6.5		
65.21	21	3000	7.2		
58.92	23	3000	7.8		
53.21	26	3000	8.8		
47.58	29	3000	9.8	MD 99	AD4
42.78	33	3000	10.9	MDF 99	AD4
37.53	38	3000	12.6		
33.25	42	2890	13.6		
27.58	51	2670	15.1		
32.65	44	2560	12.2	MD 99	AD4
27.19	52	2430	13.7	MDF 99	AD4
25.63	56	2830	17.4	MD 99	AD5
22.37	63	2720	19.0	MDF 99	AD5
20.14	70	2610	20		
18.24	77	2540	21		
16.17	87	2400	23		
14.62	96	2300	24		
12.39	113	2150	27		
10.83	129	2090	29		
9.39	151	2030	33		
8.39	167	2030	37		
7.12	197	2000	43		
6.21	225	1980	48		
5.29	264	1760	52	MD 99	AD6
4.50	311	1630	55	MDF 99	AD6
MD109 AD... , n = 1400 1/min					**4300 N·m**
251.15	5.6	4300	2.7	MD 109	AD3
229.95	6.1	4300	3.0	MDF 109	AD3
203.16	6.9	4300	3.3		
172.34	8.1	4300	3.9		
155.68	8.8	4300	4.3		
141.63	9.9	4300	4.8		
127.68	11	4300	5.3		
115.63	12	4300	5.8		
102.53	14	4300	6.5		
92.79	15	4300	7.2		
78.57	18	4300	8.5		
72.88	19	4300	9.2		

Ratio i	Output speed r/min	Permissible torque N·m	Nominal Power Ratings KW		Type
MD109 AD... , n = 1400 1/min					**4300 N·m**
65.60	21	4300	10.2	MD 109	AD4
59.41	24	4300	11.3	MDF 109	AD4
52.68	27	4300	12.7		
47.63	29	4300	14.1		
40.37	35	4300	16.6		
35.20	40	4300	19.0		
29.49	47	4300	23		
30.77	46	4300	21	MD 109	AD5
27.56	51	4300	24	MDF 109	AD5
24.60	56	4300	26		
22.62	62	4300	29		
20.07	70	4300	33		
18.21	77	4300	36		
15.65	89	4300	42		
13.66	102	4300	48	MD 109	AD6
11.59	121	4260	56	MDF 109	AD6
10.53	138	3740	58		
8.54	167	3160	57		
7.86	181	2920	58		
6.66	210	2460	58		
5.82	240	2150	58		
4.80	291	2000	64		
MD139 AD... , n = 1400 1/min					**8000 N·m**
222.60	6.3	8000	5.7	MD 139	AD4
188.45	7.4	8000	6.7	MDF 139	AD4
174.40	8.0	8000	7.2		
156.31	9.0	8000	8.1		
141.12	9.9	8000	8.8		
128.95	11	8000	9.7		
113.72	12	8000	11.0		
103.20	14	8000	12.1		
89.70	16	8000	14.1		
80.91	17	8000	15.4		
73.40	19	8000	17.0		
65.20	21	8000	19.0		
59.17	24	8000	21		
50.88	28	8000	25	MD 139	AD5
44.30	32	8000	28	MDF 139	AD5
39.05	37	8000	33		
32.91	43	8000	38		
27.11	55	7680	44		
29.57	47	7700	40	MD 139	AD6
24.92	56	8000	51	MDF 139	AD6
22.00	64	8000	56	MD 139	AD7
19.04	74	8000	64	MDF 139	AD7
16.60	83	8000	73		
14.51	96	8000	83		
12.83	109	7300	87		
10.79	130	7200	101		
8.71	161	6300	126		
7.59	184	4600	92		
6.35	219	4400	104		
5.15	272	4100	120		
MD149 AD... , n = 1400 1/min					**13000 N·m**
163.31	8.6	13000	10.4	MD 149	AD4
146.01	9.5	13000	13.8	MDF 149	AD4
119.86	12	13000	16.9		
109.31	13	13000	19.0		
94.60	15	13000	21		
83.47	17	13000	24		

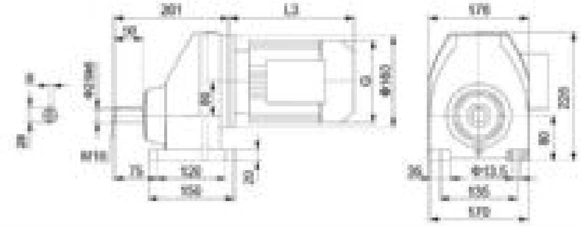
2.12 MD系列安装尺寸图 Installation size figure of MD series



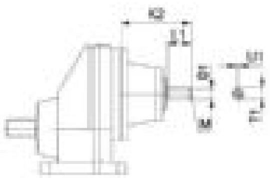




MDX69



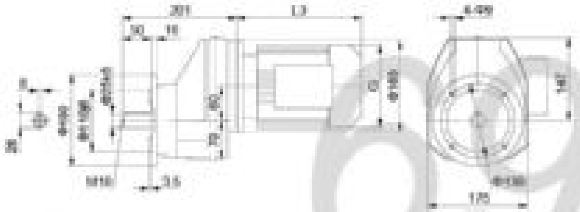
MDX..69AD



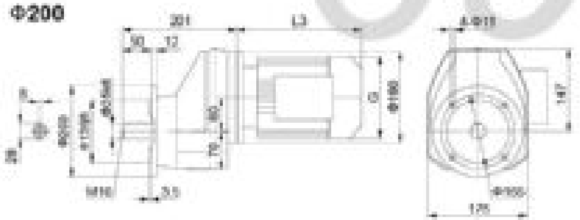
	K2	D1	L1	T1	U1	M
AD2	123	19k6	40	21.5	6	M6
AD3	159	24k6	50	27	8	M8

MDXF69

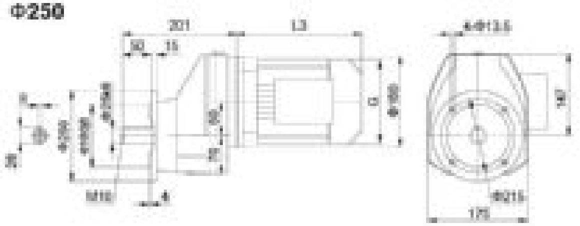
Φ160



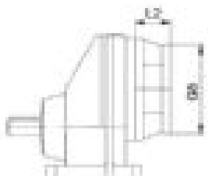
Φ200



Φ250



MDX..69AM1



需方自配电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

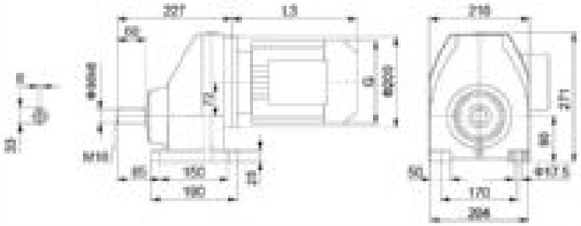
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

电机机座号 motor size	63	71	80	90S	90L	100	112M	132S	132M
功率kW Power(kw)	0.12 / 0.18	0.25 / 0.37	0.55 / 0.75	1.1	1.5	2.2 / 3.0	4.0	5.5	7.5
L3	209	241	286	319	336	365	392	434	472
G	130	145	175	195	195	215	240	275	275
L2	56	57	72	72	72	68	68	105	105
G5	140	160	200	200	200	250	250	300	300

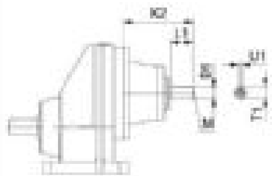
注：1. " MDX.. " 表示MDX、MDXF.
2.需方自配电机GS≥280时,是否影响正常安装.

Note: 1." MDX.. " mean MDX、MDXF.
2.If the motor GS≥280 is provided by purchaser himself,pleas check if it will.

MDX79



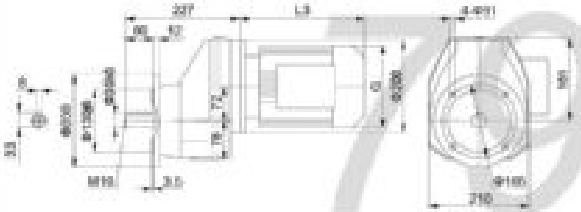
MDX..79AD



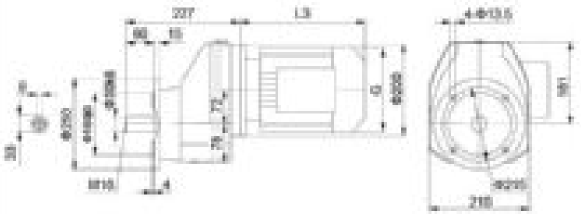
	K2	D1	L1	T1	U1	M
AD2	116	19k6	40	21.5	6	M6
AD3	151	24k6	50	27	8	M8
AD4	224	38k6	80	41	10	M10

MDXF79

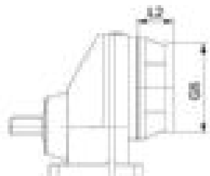
Φ200



Φ250



MDX..79AM1



需方自配电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

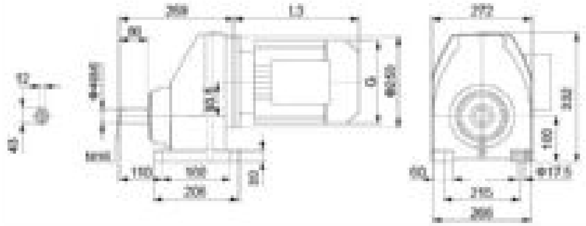
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

电机机座号 motor size	90S	90L	100	112M	132S	132M	160M
功率kW Power(kw)	1.1	1.5	2.2 / 3.0	4.0	5.5	7.5	11
L3	316	341	369	396	441	479	532
G	195	195	215	240	275	275	330
L2	72	72	68	68	105	105	129
G5	200	200	250	250	300	300	350

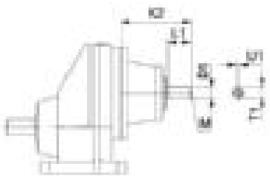
注：1. " MDX.. " 表示MDX、MDXF.
2.需方自配电机GS≥324时,是否影响正常安装.

Note: 1." MDX.. " mean MDX、MDXF.
2.If the motor GS≥324 is provided by purchaser himself,pleas check if it will.

MDX89



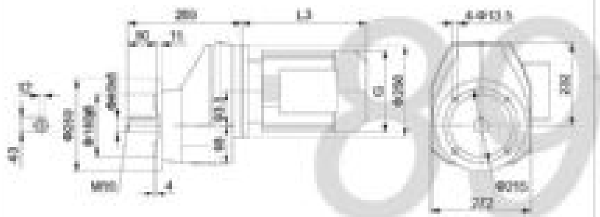
MDX..89AD



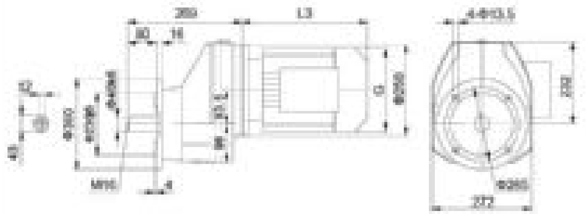
	K2	D1	L1	T1	U1	M
AD2	111	19k6	40	21.5	6	M6
AD3	156	28k6	60	31	8	M10
AD4	219	38k6	80	41	10	M12
AD5	202	42k6	110	45	14	M16

MDXF89

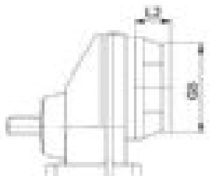
Φ250



Φ300



MDX..89AM1



需方自配电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

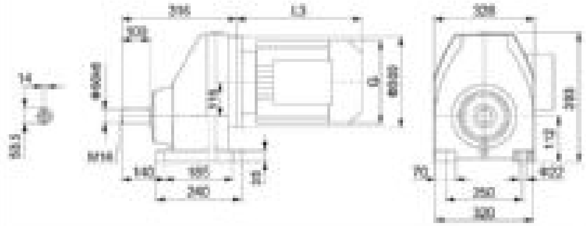
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

Y系列电机座号 motor size	100	112M	132S	132M	160M	160L	180M	180L
功率kW Power(kw)	3.0	4.0	5.5	7.5	11	15	18.5	22
L3	363	386	441	479	532	576	607	645
G	215	240	275	275	330	330	380	380
L2	74	74	98	98	119	119	119	119
G6	250	250	300	300	350	350	350	350

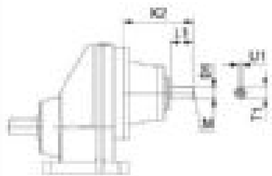
注：1.“ MDX..”表示MDX、MDXF。
2.需方自配电机([illegible])请检查是否能安装。

Note: 1.“ MDX..” mean MDX、MDXF.
2.If the motor [illegible] is provided by purchaser himself,pleas check if it wil

MDX99



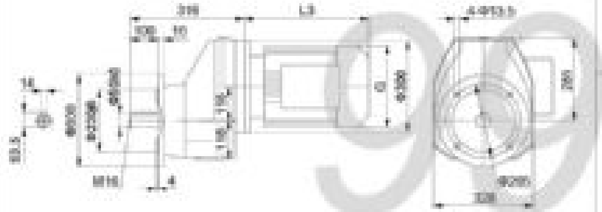
MDX..99AD



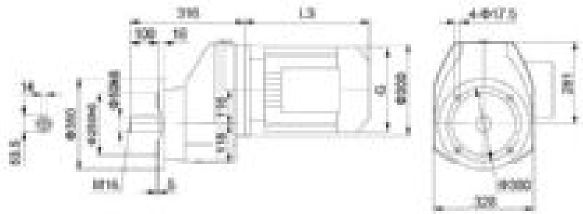
	K2	D1	L1	T1	U1	M
AD3	151	28k6	60	31	8	M10
AD4	214	38k6	80	41	10	M12
AD5	267	42k6	110	45	12	M16
AD6	327	48k6	110	51.5	14	M16

MDXF99

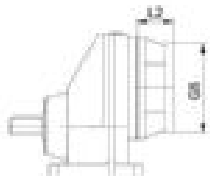
Φ300



Φ350



MDX..99AM1



需方自配电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

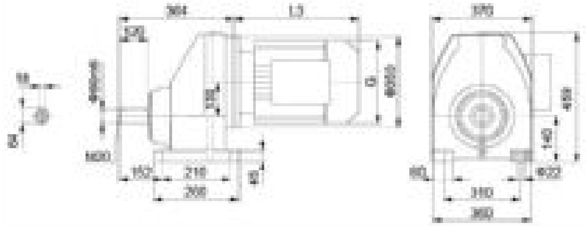
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

Y系列电机座号 motor size	132S	132M	160M	160L	180M	180L	200
功率kW Power(kw)	5.5	7.5	11	15	18.5	22	30
L3	434	472	538	582	607	645	693
G	275	275	330	330	380	380	420
L2	92	92	113	113	113	113	123
G6	300	300	350	350	350	350	400

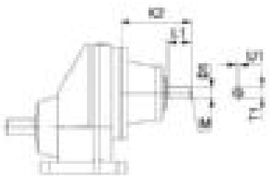
注：1.“ MDX..”表示MDX、MDXF。
2.需方自配电机([illegible])请检查是否能安装。

Note: 1.“ MDX..” mean MDX、MDXF.
2.If the motor [illegible] is provided by purchaser himself,pleas check if it wil

MDX109



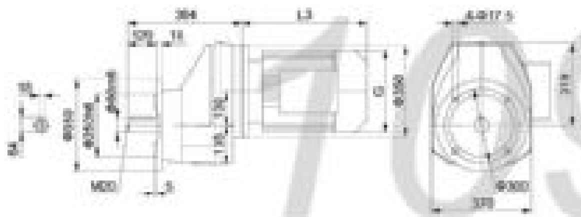
MDX..109AD



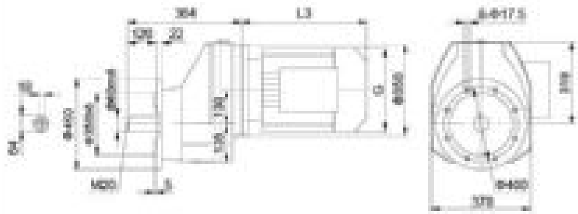
	K2	D1	L1	T1	U1	M
AD3	145	28k6	60	31	8	M10
AD4	208	38k6	80	41	10	M12
AD5	291	42k6	110	45	12	M16
AD6	321	48k6	110	51.5	14	M16

MDXF109

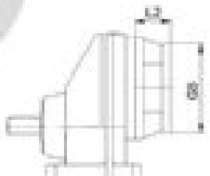
Φ350



Φ450



MDX..109AM1



需方自配电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

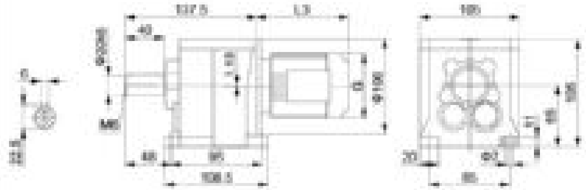
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

Y系列电机座号 motor size	132S	132M	160M	160L	180M	180L	200	225S	225M
功率kW Power(kw)	5.5	7.5	11	15	18.5	22	30	37	45
L3	423	461	508	552	585	623	683	720	745
G	275	275	330	330	380	380	420	470	470
L2	76	76	112	112	112	112	136	151	151
G5	300	300	350	350	350	350	400	450	450

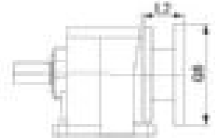
注：1."MDX.."表示MDX、MDXF
2.[illegible]

Note: 1." MDX.." meas MDX、MDXF.
2.If the motor G5≥540 is provided by purchaser himself,pleas check if it will.

MD09



MD..09AM1

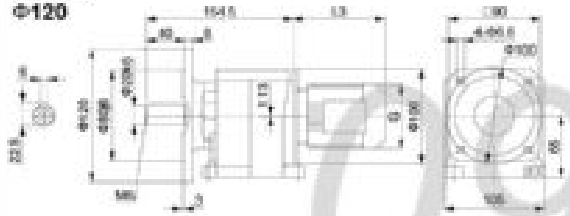


需方自配电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

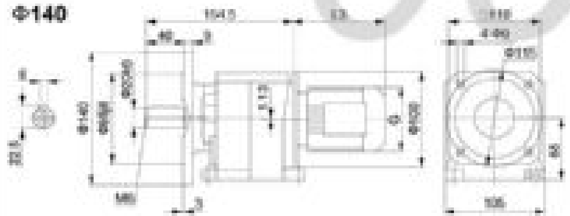
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

MDF09

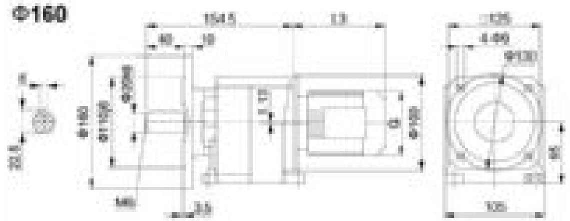
Φ120



Φ140



Φ160

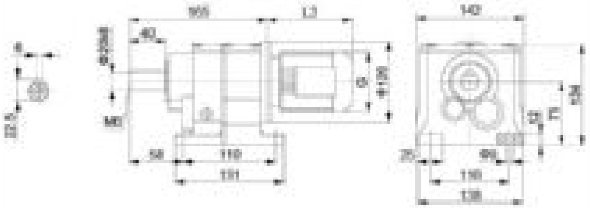


Y系列电机座号 motor size	63*		71*	
功率kW Power(kw)	0.12	0.18	0.25	0.37
L3	278		295	
G	130		145	
L2	52		60	
G5	90		105	

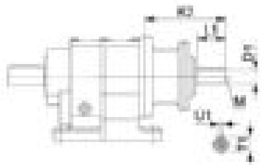
注：1."MD.."表示MD、MDF
2.[illegible]
3.63*、71*[illegible]

Note: 1." MD.." meas MD、MDF.
2.If the motor G5≥150 is provided by purchaser himself,pleas check if it will.
3.63*、71* indicates when equipping the user' motor, only IMB14 type motors are allowed.

MD19



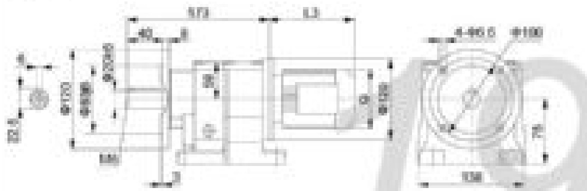
MD..19AD



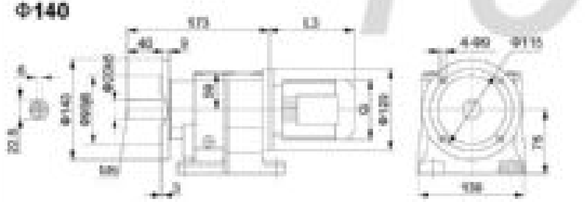
	K2	D1	L1	T1	U1	M
AD1	102	16k6	40	18	5	M5
AD2	130	19k6	40	21.5	6	M6

MDF19

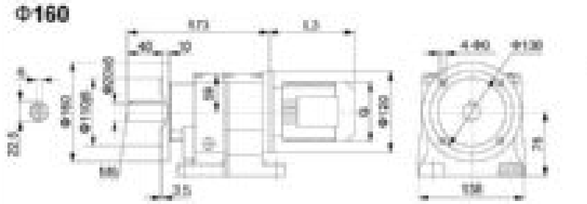
Φ120



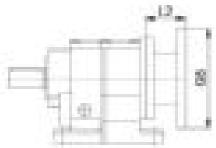
Φ140



Φ160



MD..19AM1



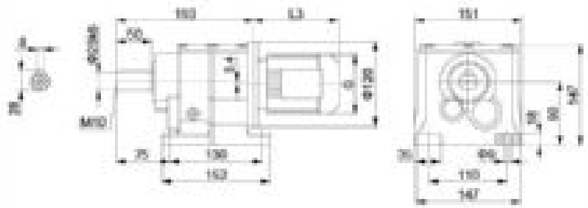
When equipping the user' motor,the flange is requied to connected

Note:For other values please reger to the oppsited structure

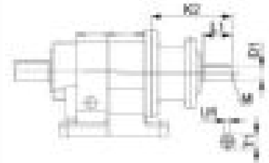
motor size	63		71		80	
Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75
L3	236		244		300	
G	130		145		175	
L2	56		56		56	
G5	140		160		200	

Note: 1.“MD..” mean MD、MDF.
2.If the motor G5x150 is provided by purchaser himself,pleas check if it will.

MD29



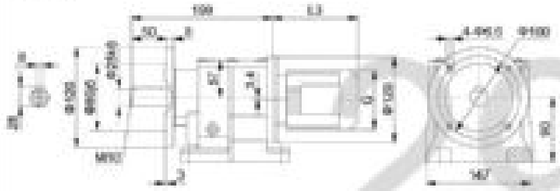
MD..29AD



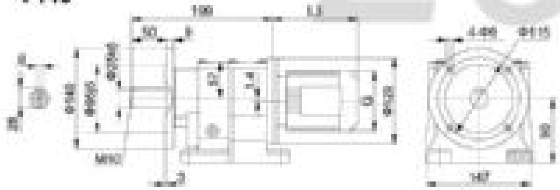
	K2	D1	L1	T1	U1	M
AD1	102	16k6	40	18	5	M5
AD2	130	19k6	40	21.5	6	M6

MDF29

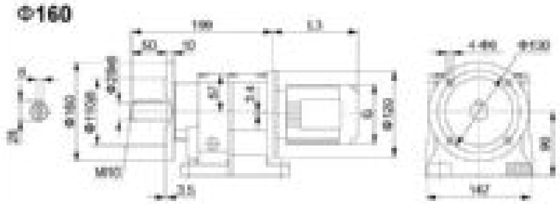
Φ120



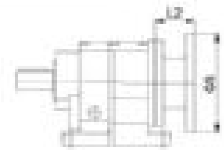
Φ140



Φ160

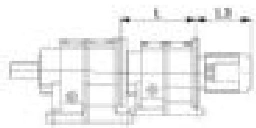


MD..29AM1



When equipping the user' motor,the flange is requied to connected

MD..29MD19



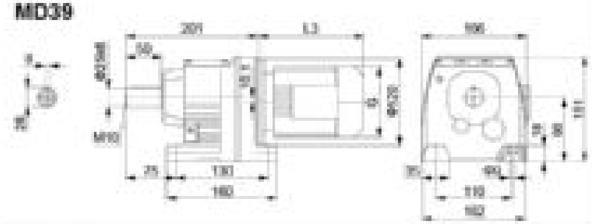
	MD..29MD19
L	133

Note:For other values please reger to the oppsited structure

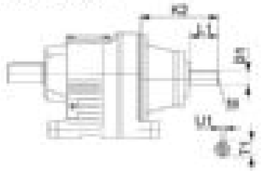
motor size	63		71		80		90S	90L	100	
Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0
L3	236		244		300		315	340	365	
G	130		145		175		155	198	215	
L2	56		56		56		56	56	62	
G5	140		160		200		200	200	250	

Note: 1.“MD..” mean MD、MDF.
2.If the motor G5x175 is provided by purchaser himself,pleas check if it will.

MD39



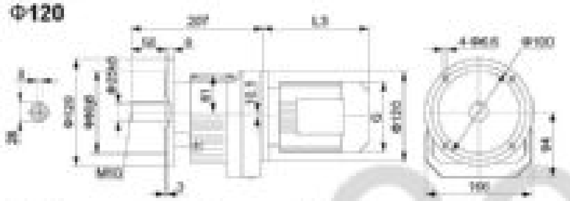
MD..39AD



	K2	D1	L1	T1	U1	M
AD1	102	16k6	40	18	5	M6
AD2	130	19k6	40	21.5	6	M6

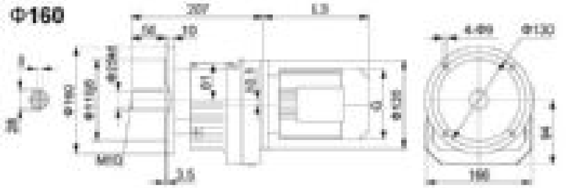
MDF39

Φ120

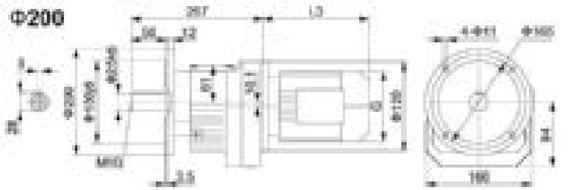


Φ140

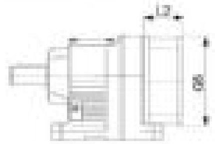
Φ160



Φ200

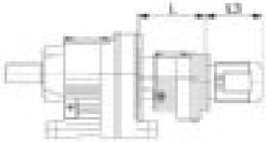


MD..39AM1



需方自配电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

MD..39MD19



	MD..39MD19
L	130

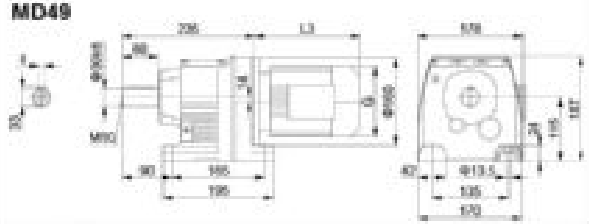
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

电机机座号 motor size	63		71		80		90S	90L	100	
功率kW Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0
L3	236		244		300		315	340	365	
G	130		145		175		195	195	215	
L2	56		56		56		56	56	62	
G5	140		160		200		200	200	250	

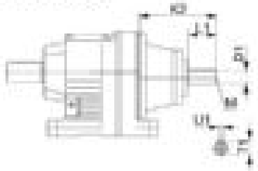
注：1." MD.." 表示MD、MDF。
2.需方自配电机GS≥160时,请咨询厂家安装。

Note: 1." MD.." mean MD、MDF.
2.If the motor GS≥160 is provided by purchaser himself,pleas check if it will.

MD49



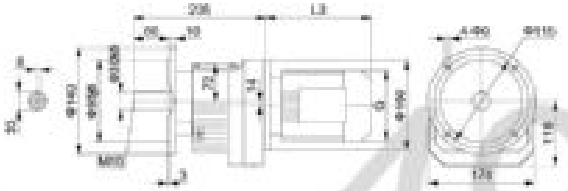
MD..49AD



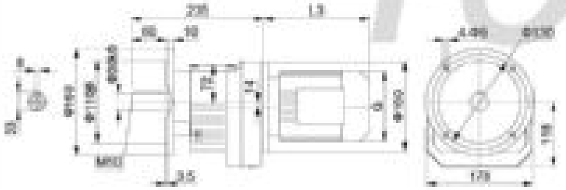
	K2	D1	L1	T1	U1	M
AD2	123	19k6	40	21.5	6	M6
AD3	158	24k6	50	27	8	M8

MDF49

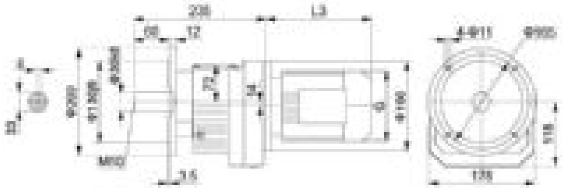
Φ140



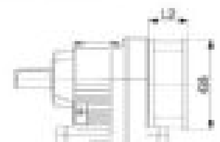
Φ160



Φ200

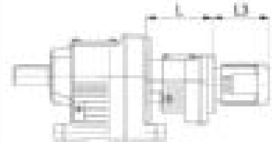


MD..49AM1



需方自配电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

MD..49MD39



	MD..49MD39
L	165

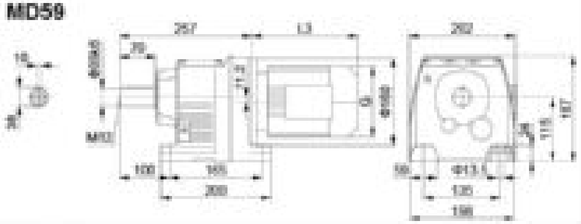
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

电机机座号 motor size	63		71		80		90S	90L	100		112M	132S
功率kW Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5
L3	209		241		286		310	336	365		392	434
G	130		145		175		195	195	215		240	275
L2	56		57		72		72	72	69		98	106
G5	140		160		200		200	200	250		250	300

注：1." MD.." 表示MD、MDF。
2.需方自配电机GS≥200时,请咨询厂家安装。

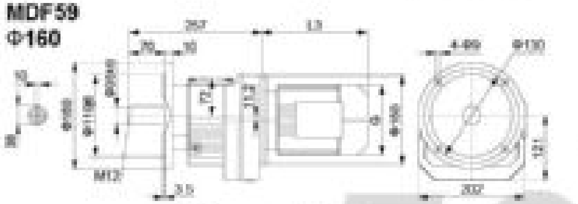
Note: 1." MD.." mean MD、MDF.
2.If the motor GS≥200 is provided by purchaser himself,pleas check if it will.

MD59

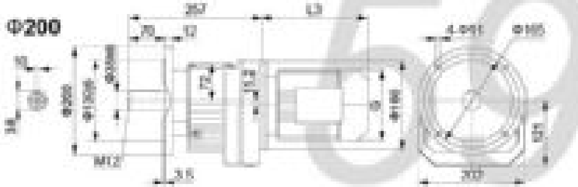


MDF59

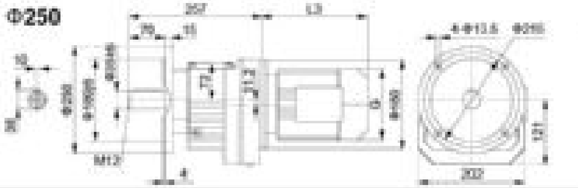
Φ160



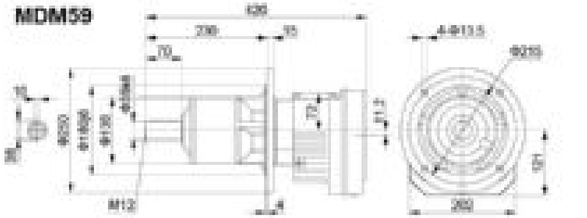
Φ200



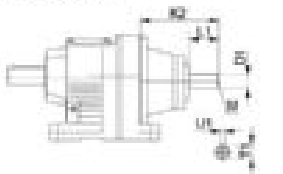
Φ250



MDM59

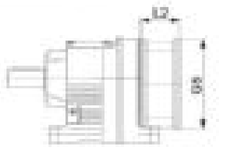


MD..59AD



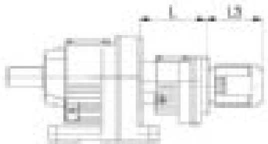
	K2	D1	L1	T1	U1	M
AD2	123	19k6	40	21.5	6	M6
AD3	159	24k6	50	27	8	M8

MD..59AM1



需方自配电机时需加联接法兰
When equipping the user' motor,the flange is requied to connected

MD..59MD39



	MD..59MD39
L	165

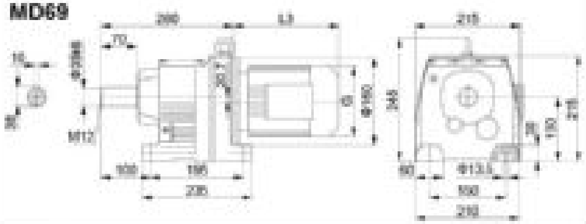
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

motor size	63		71		80		90S	90L	100		112M	132S	132M				
Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5				
L3	209		241		266		319	336	365		392	434	472				
G	130		145		175		195	195	215		240	275	275				
L2	56		57		72		72	72	68		68	105	105				
G5	140		160		200		200	200	250		250	300	300				

注：1." MD.." 表示MD、MDF。
2.电机自配时的GS≥200时,是否能够正常安装。

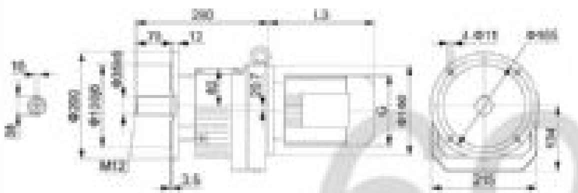
Note: 1." MD.." meas MD、MDF.
2.If the motor GS≥200 is provided by purchaser himself,pleas check if it will.

MD69

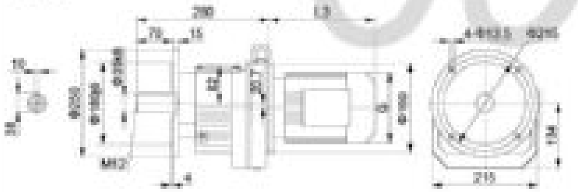


MDF69

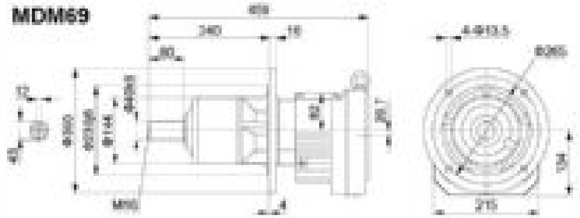
Φ200



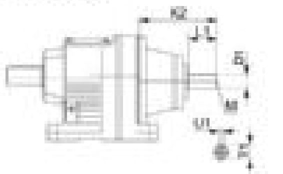
Φ250



MDM69

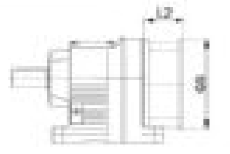


MD..69AD



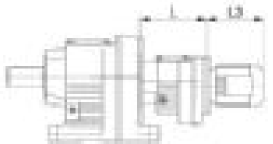
	K2	D1	L1	T1	U1	M
AD2	123	19k6	40	21.5	6	M6
AD3	159	24k6	50	27	8	M8

MD..69AM1



需方自配电机时需加联接法兰
When equipping the user' motor,the flange is requied to connected

MD..69MD39



	MD..69MD39
L	165

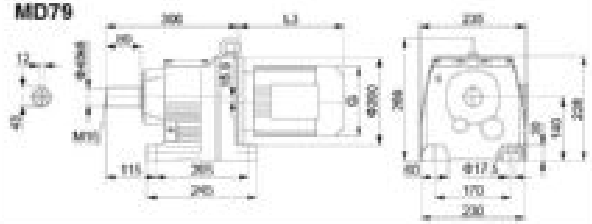
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

motor size	63		71		80		90S	90L	100		112M	132S	132M				
Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5				
L3	209		241		266		319	336	365		392	434	472				
G	130		145		175		195	195	215		240	275	275				
L2	56		57		72		72	72	68		68	105	105				
G5	140		160		200		200	200	250		250	300	300				

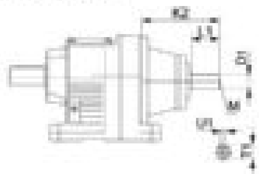
注：1." MD.." 表示MD、MDF。
2.电机自配时的GS≥210时,是否能够正常安装。

Note: 1." MD.." meas MD、MDF.
2.If the motor GS≥210 is provided by purchaser himself,pleas check if it will.

MD79



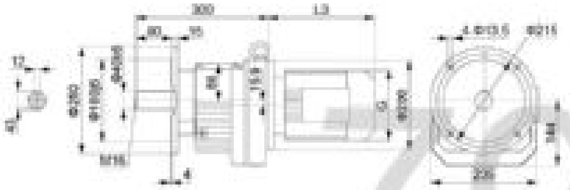
MD..79AD



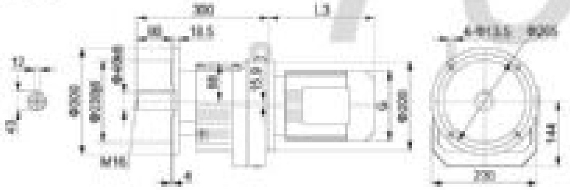
	K2	D1	L1	T1	U1	M
AD2	118	19k6	40	21.5	6	M6
AD3	151	24k6	50	27	8	M8
AD4	224	38k6	80	41	10	M12

MDF79

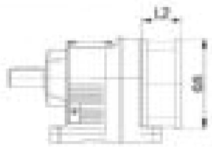
Φ250



Φ300

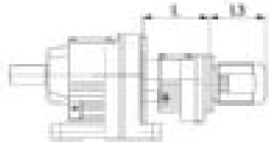


MD..79AM1



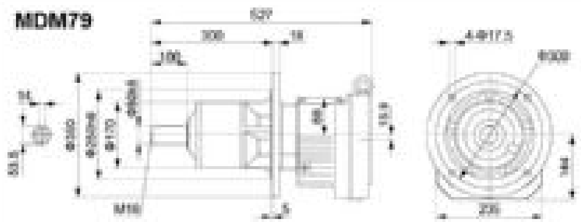
需方自备电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

MD..79MD39



	MD..79MD39
L	157

MDM79



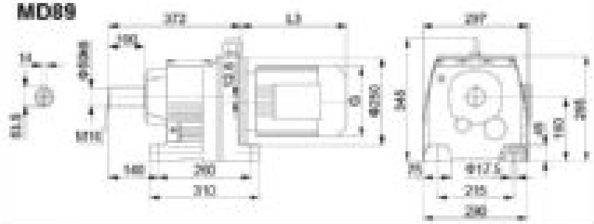
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

Y(电机机座号 motor size)	63	71		80		90S	90L	100		112M	132S	132M	160M
功率kW Power(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11
L3	209	217		300		316	341	368		396	441	479	532
G	130	145		175		195	195	215		240	275	275	330
L2	56	57		72		72	72	68		68	105	105	129
G5	140	160		200		200	200	250		250	300	300	350

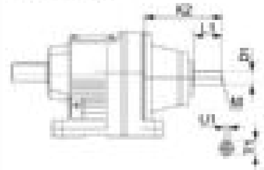
注：1."MD.."表示MD、MDF.
2.需方自配电机G5×240时,最好配前正常安装

Note: 1." MD.." meas MD、MDF.
2.If the motor G5×240 is provided by purchaser himself,pleas check if it will.

MD89



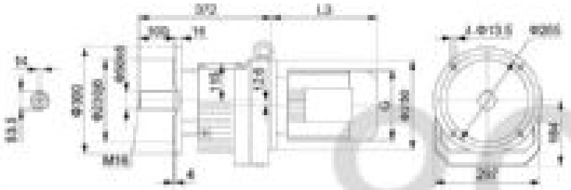
MD..89AD



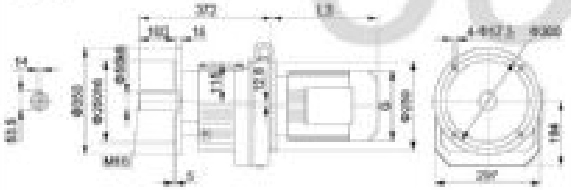
	K2	D1	L1	T1	U1	M
AD2	111	19k6	40	21.5	6	M6
AD3	156	28k6	60	31	8	M10
AD4	219	38k6	80	41	10	M12
AD5	292	42k6	110	45	12	M16

MDF89

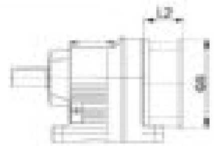
Φ300



Φ350

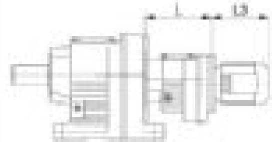


MD..89AM1



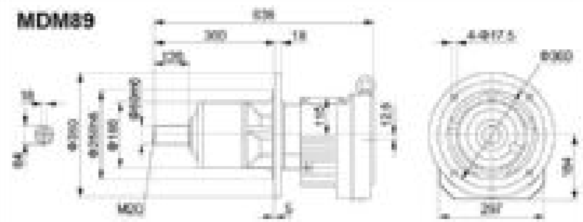
需方自备电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

MD..89MD59



	MD..89MD59
L	216

MDM89



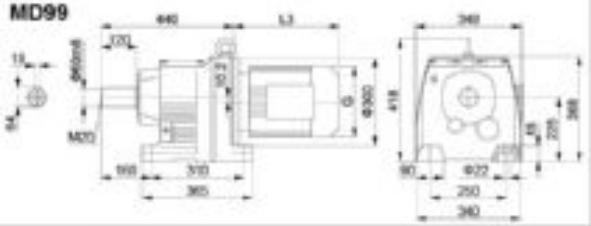
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

Y(电机机座号 motor size)	80		90S	90L	100		112M	132S	132M	160M	160L	180M	180L
功率kW Power(kw)	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22
L3	292		300	325	363		396	441	479	532	576	607	645
G	175		195	195	215		240	275	275	330	330	360	380
L2	62		62	62	74		74	98	98	119	119	119	119
G5	200		200	200	250		250	300	300	350	350	350	350

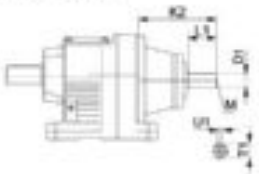
注：1."MD.."表示MD、MDF.
2.需方自配电机G5×330时,最好配前正常安装

Note: 1." MD.." meas MD、MDF.
2.If the motor G5×330 is provided by purchaser himself,pleas check if it will.

MD99



MD..99AD

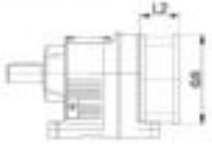


	K2	D1	L1	T1	U1	M
AD3	151	28k6	60	31	8	M10
AD4	214	35k6	80	41	10	M12
AD5	267	42k6	110	45	12	M16
AD6	327	48k6	110	51.5	14	M16

MDF99
Φ350

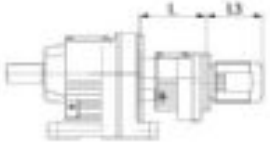
Φ450

MD..99AM1



需方自备电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

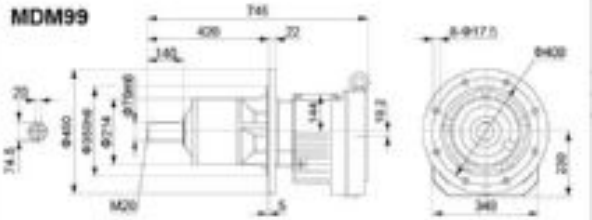
MD..99MD59



	MD..99MD59
L	211

注：其余尺寸见标准结构样式
Note:For other values please reger to the oppsited structure

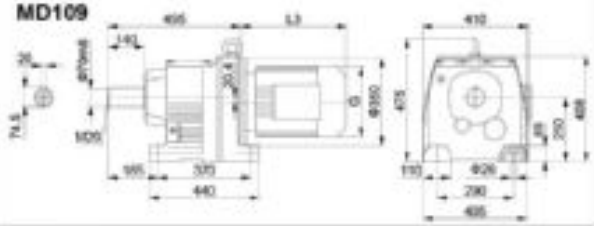
MDM99



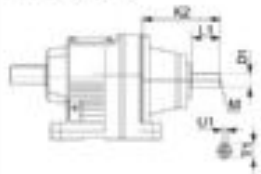
Y系列电机型号 motor size	80	90S	90L	100	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M
功率kW Power(kw)	0.55 0.75	1.1	1.5	2.2 3.0	4.0	5.5	7.5	11	15	18.5	22	30	37	45
L3	282	306	331	358	385	434	472	536	562	607	645	683		
G	175	195	195	215	240	275	275	330	330	380	380	420		
L2	50	50	50	50	50	92	92	113	113	113	113	123		
G5	200	200	200	250	250	300	300	350	350	350	350	400		

注：1.* MD..* 指MD、MDF
Note: 1.* MD..* mean MD、MDF.

MD109

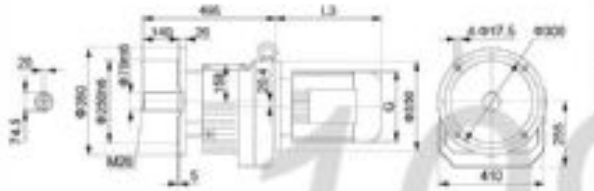


MD..109AD

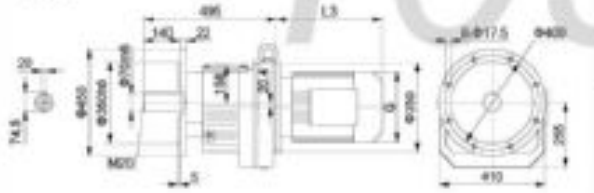


	K2	D1	L1	T1	U1	M
AD3	145	28k6	60	31	8	M10
AD4	208	35k6	80	41	10	M12
AD5	261	42k6	110	45	12	M16
AD6	321	48k6	110	51.5	14	M16

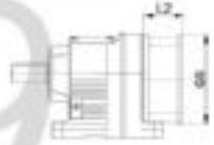
MDF109
Φ350



Φ450

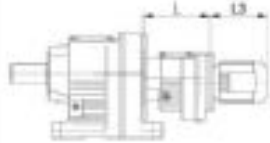


MD..109AM1



需方自备电机需加联接法兰
When equipping the user' motor,the flange is requied to connected

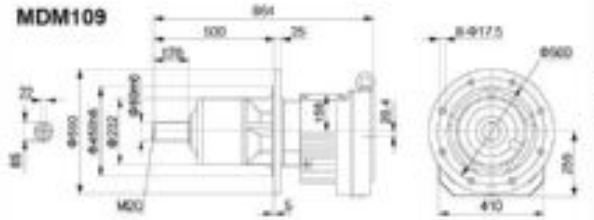
MD..109MD79



	MD..109MD79
L	247

注：其余尺寸见标准结构样式
Note:For other values please reger to the oppsited structure

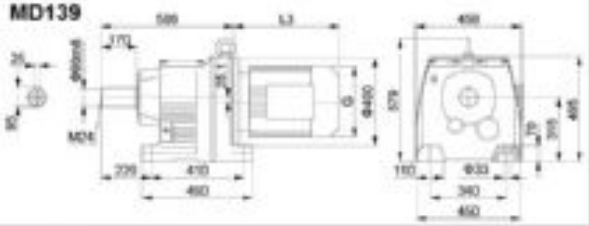
MDM109



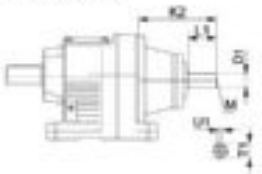
Y系列电机型号 motor size	100	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M
功率kW Power(kw)	2.2 3.0	4.0	5.5	7.5	11	15	18.5	22	30	37	45	
L3	358	385	425	461	508	562	585	623	683	729	748	
G	215	240	275	275	330	330	380	380	420	470	470	
L2	55	55	76	76	112	112	112	112	130	151	151	
G5	250	250	300	300	350	350	350	350	400	450	450	

注：1.* MD..* 指MD、MDF
Note: 1.* MD..* mean MD、MDF.

MD139

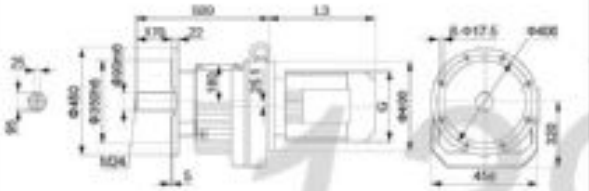


MD..139AD



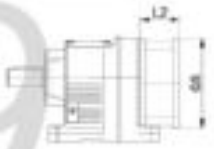
	K2	D1	L1	T1	U1	M
AD4	201	38k6	80	41	10	M12
AD5	274	42k6	110	45	12	M16
AD6	314	48k6	110	51.5	14	M16
AD7	308	55m6	110	59	16	M20

MDF139
Φ450



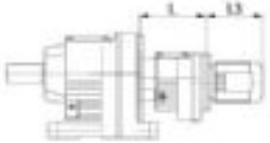
Φ550

MD..139AM1



When equipping the user' motor,the flange is requied to connected

MD..139MD79

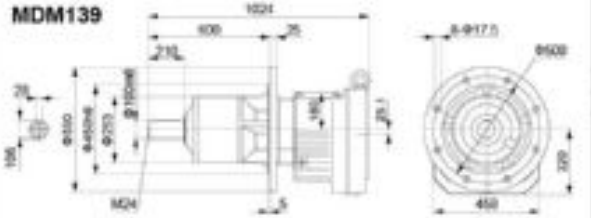


	MD..139MD79
L	249

注：其余尺寸见相应的结构形式

Note:For other values please reger to the oppsited structure

MDM139

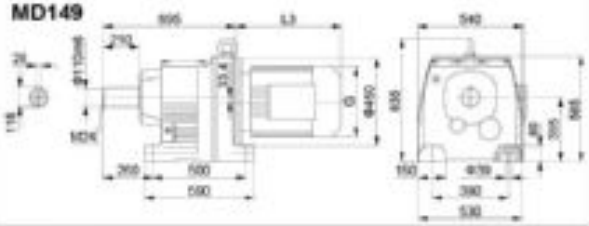


Y2电机机座号 motor size	132S	132M	160M	160L	180M	180L	200L	225S	225M	250M			
功率(kW) Power(kw)	5.5	7.5	11	15	18.5	22	30	37	45	55			
L3	423	461	508	552	585	623	673	720	745	784			
G	275	275	330	330	380	380	426	470	470	580			
L2	74	74	112	112	112	112	136	151	151	120			
G5	300	300	350	350	350	350	400	450	450	550			

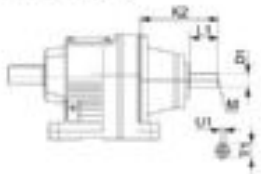
注：1.* MD..* 表示MD、MDF

Note：1.* MD..* mean MD、MDF.

MD149

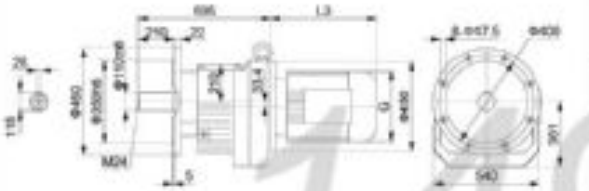


MD..149AD



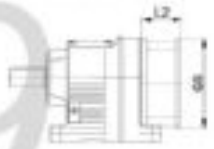
	K2	D1	L1	T1	U1	M
AD4	193	38k6	80	41	10	M12
AD5	266	42k6	110	45	12	M16
AD6	306	48k6	110	51.5	14	M16
AD7	300	55m6	110	59	16	M20
AD8	383	70m6	140	74.5	20	M20

MDF149
Φ450



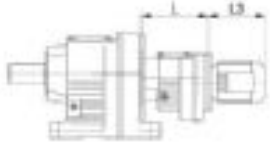
Φ550

MD..149AM1



When equipping the user' motor,the flange is requied to connected

MD..149MD79(MD89)

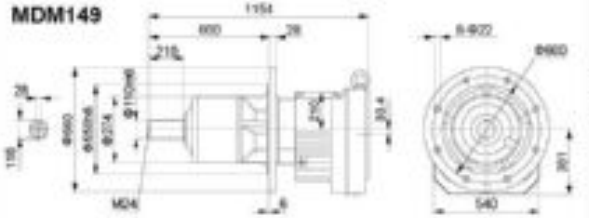


	MD..149MD79	MD..149MD89
L	232	280

注：其余尺寸见相应的结构形式

Note:For other values please reger to the oppsited structure

MDM149

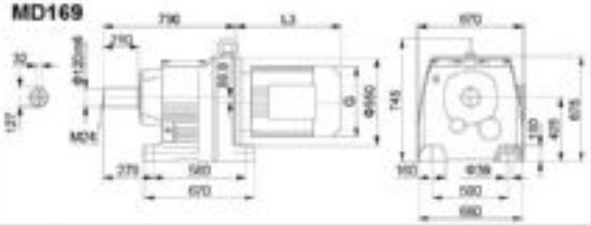


Y2电机机座号 motor size	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M			
功率(kW) Power(kw)	11	15	18.5	22	30	37	45	55	75	90			
L3	511	555	585	623	673	699	724	784	847	847			
G	330	330	380	380	426	470	470	580	580	580			
L2	112	112	112	112	136	135	135	139	139	139			
G5	350	350	350	350	400	450	450	550	550	550			

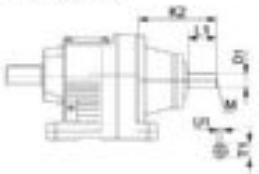
注：1.* MD..* 表示MD、MDF

Note：1.* MD..* mean MD、MDF.

MD169

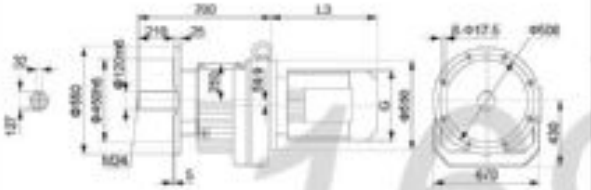


MD..169AD



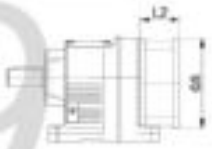
	K2	DI	L1	T1	U1	M
AD5	258	42k6	110	45	12	M16
AD6	298	48k6	110	51.5	14	M16
AD7	292	55m6	110	59	16	M20
AD8	374	70m6	140	74.5	20	M20

MDF169
Φ550



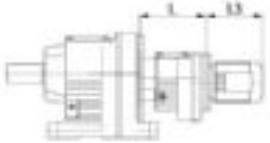
Φ660

MD..169AM1



When equipping the user' motor,the flange is requied to connected

MD..169MD99(MD109)

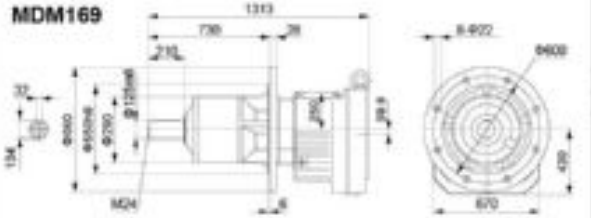


	MD..169MD99	MD..169MD109
L	329	362

注：其余尺寸可根据客户要求设计

Note:For other values please reger to the oppsited structure

MDM169

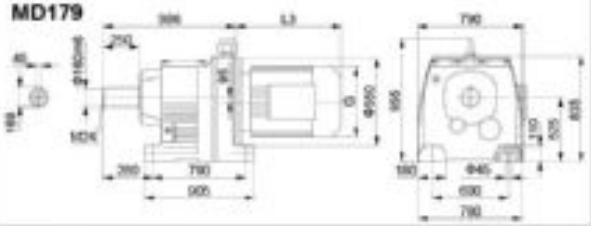


Y2电机机座号 motor size	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L
功率kW Power(kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160
L3	511	555	585	623	673	699	724	794	847	847	1100	1180	1270
G	330	330	380	380	420	470	470	510	580	580	645	645	645
L2	101	101	101	101	111	116	116	120	120	120	170	170	170
G5	350	350	350	350	400	450	450	550	550	550	660	660	660

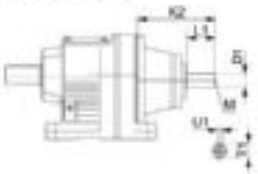
注：1.* MD..* 表示MD、MDF

Note：1.* MD..* mean MD、MDF.

MD179

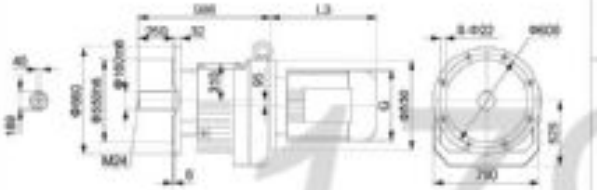


MD..179AD



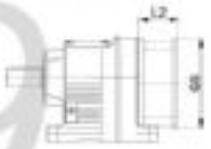
	K2	DI	L1	T1	U1	M
AD5	258	42k6	110	45	12	M16
AD6	298	48k6	110	51.5	14	M16
AD7	292	55m6	110	59	16	M20
AD8	374	70m6	140	74.5	20	M20

MDF179
Φ660



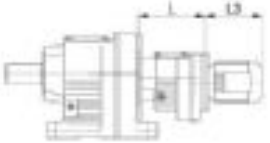
Φ880

MD..179AM1



When equipping the user' motor,the flange is requied to connected

MD..179MD99(MD109)



	MD..179MD99	MD..179MD109
L	320	355

注：其余尺寸可根据客户要求设计

Note:For other values please reger to the oppsited structure

Y2电机机座号 motor size	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L
功率kW Power(kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160
L3	511	555	585	623	673	699	724	794	847	847	1100	1180	1270
G	330	330	380	380	420	470	470	510	580	580	645	645	645
L2	101	101	101	101	111	116	116	120	120	120	170	170	170
G5	350	350	350	350	400	450	450	550	550	550	660	660	660

注：1.* MD..* 表示MD、MDF

Note：1.* MD..* mean MD、MDF.

MJ SERIES

HELICAL BEVEL GEAR REDUCTOR

MJ系列 弧齿锥齿轮硬齿面减速机

3.1 MJ系列结构型式说明 Description to structural form of MJ series

1) MJ型
底脚安装斜齿轮传动螺旋伞齿轮减速机
Model MJ
Foot-mounted helical-bevel gear reductor

2) MJAB型
底脚空心轴安装斜齿轮传动螺旋伞齿轮减速机
Model MJAB
Foot-mounted helical-bevel gear reductor with hollow shaft

3) MJF型
B5法兰安装斜齿轮传动螺旋伞齿轮减速机
Model MJF
Helical-bevel gear reductor in B5 flange-mounted version

4) MJAF型
B5法兰空心轴安装斜齿轮传动螺旋伞齿轮减速机
Model MJAF
Helical-bevel gear reductor in B5 flange-mounted version with hollow shaft

5) MJA型
空心轴安装斜齿轮传动螺旋伞齿轮减速机
Model MJA
Helical-bevel gear reductor with hollow shaft

6) MJAT型
空心轴安装扭力臂固定斜齿轮传动螺旋伞齿轮减速机
Model MJAT
Helical-bevel gear reductor in torque-arm version with hollow shaft

7) MJAZ型
B14法兰空心轴安装斜齿轮传动螺旋伞齿轮减速机
Model MJAZ
Helical-bevel gear reductor in B14 flange-mounted version with hollow shaft

8) MJHB型
底脚胀紧盘安装斜齿轮传动螺旋伞齿轮减速机
Model MJHB
Foot and expansion plate installation spiral bevel gear hard tooth surface speed reducer

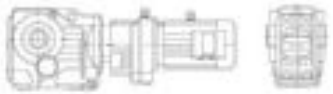
9) MJHF 型
B5法兰胀紧盘安装斜齿轮传动螺旋伞齿轮减速机
Model MJHF
B5 flange and expansion plate installation parallel shaft bevel gear speed reducer

10) MJH型
胀紧盘安装斜齿轮传动螺旋伞齿轮减速机
Model MJH
Expansion plate installation spiral bevel gear hard tooth surface speed reducer

11) MJHT 型
胀紧盘安装扭力臂固定斜齿轮传动螺旋伞齿轮减速机
Model MJHT
Expansion plate installation with reverse rotary arm fixation spiral bevel gear hard tooth surface speed reducer

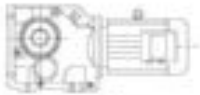
12) MJHZ 型
B14法兰胀紧盘安装斜齿轮传动螺旋伞齿轮减速机
Model MJHZ
B14 flange and expansion plate installation spiral bevel gear hard tooth surface speed reducer

组合型
MJ..MD型（..代表以上所有结构形式）
MJ系列+MD系列组合减速机
Combined type
MJ..MD model (representing all the above structural forms)
MJ series and MD series combined speed reducer



输入部分配置
Input allocation

Y



电机直联型（标准配置）
Motor direct connecting type
(stand configuration)

AD

输入轴型
Input shaft type

AM1

联轴法兰型
Coupling flange type

3.2 MJ系列型号表示法 Model expression way of MJ series

输入轴型 Input-shaft style	MJ	F	79	MD	39		- AD1 -					485 - M1 - A - ACW		
输入轴型号 Input shaft model														
普通机型 Ordinary machine model	MJ	F	79	MD	39 - Y	0.55 - 4P - 180° - 1 -		AM1 -	485 -	M1 -	A -	ACW		

减速机类型 Gear units type

结构型式 Structure

机型号 Type

组合减速机（单机型省略） Combined speed reducer (omitted for single machine)

组合减速机机型号（单机型省略） Model of combined speed reducer (omitted for single machine)

电机类型 Motor types

电机功率 Motor power

电机级数 Motor pole

接线盒角度 Angle of wiring box

进线口位置（默认位置X省略） Wire inlet position (default position X omitted)

联接法兰（标准配置省略） Coupling flange (Omitted if it is standard specification)

传动比 Ratio

安装形式 Mounting position

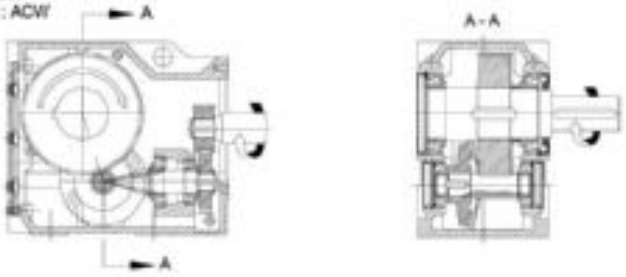
输出轴、胀紧盘输出端位置或法兰方向 Outputs shaft, expansion plate output end or flange direction

轴布置形式（标准配置省略） Design of shaft (Omitted if it is standard specification)

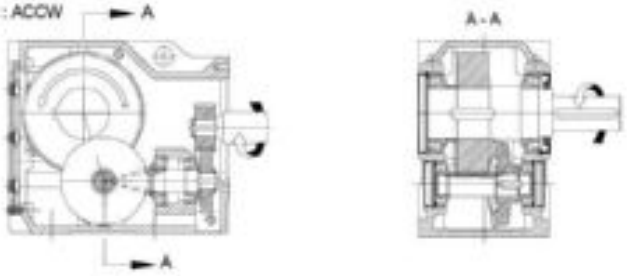
减速机类型：MJ斜齿轮伞齿轮硬齿面减速机	Gear unit type:MJ Spiral bevel gear hard tooth surface speed reducer
结构型式：（见P095-P096页） 普通轴伸底脚安装（省略） 底脚空心轴安装 AB B5法兰安装 F B5法兰空心轴安装 AF 空心轴安装 A 空心轴安装的转臂固定 AT B14法兰空心轴安装 AZ 胀紧盘安装 H 底脚胀紧盘安装 HB B5法兰胀紧盘安装 HF B14法兰胀紧盘安装 HZ 胀紧盘安装的转臂固定 HT 未注明时普通轴伸底脚安装供货	Structure: (See P095-P096) Ordinary shaft extension foot installation (omitted) Foot and hollow shaft installation AB B5 flang einstallation F B5 flange and hollow shaft installation AF Hollow shaft installation A Hollow shaft installation with reverse rotary arm fixation AT B14 flange and hollow shaft installation AZ Expansion plate installation H Foot and expansion plate installation HB B5 flange and expansion plate installation HF B14 flange and expansion plate installation HZ Expansion plate installation with reverse rotary arm fixation HT If there is no indication, the product is supplied according to ordinary shaft extension foot installation.
组合减速机及型号： 见P107-P134页选型参数表	Combined speed reducer and type: see model selection parameter form on P107-P134
机型号：见P107-P137页选型参数表	Type: see model selection parameter form on P107-P137
电机类型代号： 普通电机 Y 防爆电机 YB 直流电机 Z 制动电机 YEJ 多速电机 YD 变频电机 YVP 冶金起重电机 YZ 变频制动电机 YVPEJ 辊道电机 YG	Codes for Motor Types: Ordinary Motor Y Flameproof Motor YB Direct current motor Z Brake Motor YEJ Multi-speed Motor YD Variable Frequency Motor YVP Metallurgy hoisting Motor YZ Transduction braking Motor YVPEJ Roll Motor YG
电机功率、极数：见P107-P134页选型参数表	Motor power、pole: see model selection parameter form on P107-P134
接线盒角度、进线口位置：未注明的接线盒角度0°，进线口位置X时供，见P103-P106页安装形式图	Angle of wiring box、wire inlet position: If there is no indication, the default angle of wiring box is 0°, and for thewire inlet position X, see installation form figure on Page P103-P106
输入轴型号：见P135-P137页选型参数表	Input shaft model： see model selection parameter form on P135-P137
联接法兰：AM1刚性联接 AM弹性联轴器联接（具体尺寸请与我公司技术部联系）	Coupling flange: AM1 rigid connection Connection of AM flexible coupler (Please contact the technical department of our company for size details)
传动比：见P107-P137页选型参数表	Ratio: see model selection parameter form on P107-P137
安装形式：M1、M2、M3、M4、M5、M6，未注明按M1供货，见P103-P106页安装形式图	Mounting position: M1、M2、M3、M4、M5、M6, If there is no indication, the product is supplied according to M1.see installation form figure on Page P103-P106
输出轴、胀紧盘输出端位置或法兰方向：A、B、A+B，未注明按A向供货，见P103-P106页安装形式图，胀紧盘输出端位置见P066页	Outputs shaft, expansion plate output end or flange direction: A, B, A+B. If there is no indication, the product is supplied according to direction A. See Page P103-P106 for installation form figure. See Page P066 for position of output end of expansion plate.
轴布置形式：ACW，标准配置安装省略，见P099页附件图	Design of shaft : ACW, Omitted if it is standard specification, see P099

轴布置形式 Design of Shaft

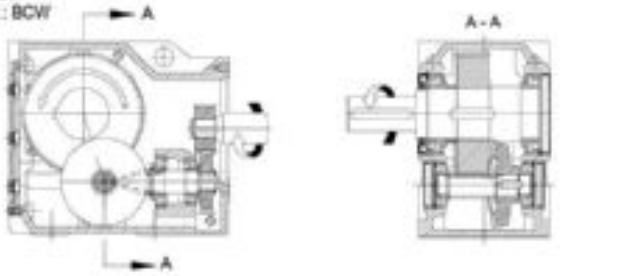
轴布置形式：ACW
Design of Shaft : ACW



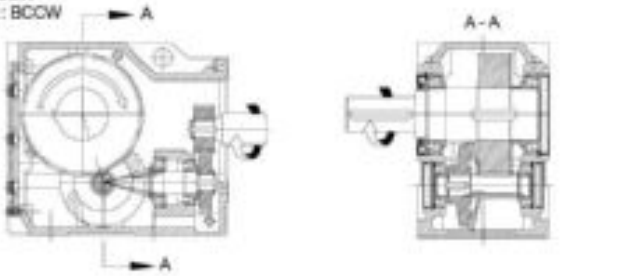
轴布置形式：ACCW
Design of Shaft : ACCW



轴布置形式：BCW
Design of Shaft : BCW



轴布置形式：BCCW
Design of Shaft : BCCW



3.3 MJ系列选型参数表释义 Model selection definition form of MJ series

MJ系列恒功率选型参数表 Constant power model selection parameter form of MJ series

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type			极数 Pole P	输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type			极数 Pole P
0.12KW								**0.12KW**							
0.08	10682	17560	1.20	MJ	129	MD79	4P	0.67	1411	2060	1.10	MJ	79	MD39	4P
0.09	9702	16006	1.30	MJF	129	MD79	4P	0.78	1205	1772	1.25	MJF	79	MD39	4P
0.09	9075	14975	1.40	MJA	129	MD79	4P	0.91	1029	1514	1.50	MJA	79	MD39	4P
0.11	7448	12296	1.72	MJAF	129	MD79	4P	1.0	931	1374	1.62	MJAF	79	MD39	4P

注：0.12KW表示电动机功率 Note: 0.12KW indicates motor power

MJ系列恒扭矩选型参数表 Constant torque model selection parameter form of MJ series

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type			电动机功率 Power KW	极数 Pole P	输出转速 Output speed r/min	传动比 Ratio i	机型号 Type			电动机功率 Power KW	极数 Pole P
200N·m							**400N·m**						
0.20	6832	MJ	39	MD19	0.12	4P	2.4	552	MJ	49	MD39	0.18	4P
0.23	5922	MJF	39	MD19	0.12	4P	2.7	496	MJF	49	MD39	0.18	4P
0.25	5481	MJA	39	MD19	0.12	4P	3.1	426	MJA	49	MD39	0.18	4P
0.29	4759	MJAF	39	MD19	0.12	4P			MJAF	49	MD39	0.18	4P
0.33	4160												
0.38	3645						3.5	375	MJ	49	MD39	0.25	4P

注：200N·m 表示许用扭矩 Note: 200 N·m indicates permissible torque

MJ系列输入轴型选型参数表 Model selection parameter form of input shaft type of MJ series

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type			传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type		
MJ39 AD... , n = 1400 1/min			**200 N·m**				**MJ59 AD... , n = 1400 1/min**			**600 N·m**			
106.38	13	200	0.32	MJ	39	AD1	145.15	9.7	600	0.69	MJ	59	AD2
97.81	14	200	0.35	MJF	39	AD1	123.85	11	600	0.80	MJF	59	AD2
83.69	17	200	0.41	MJA	39	AD1	108.29	13	600	0.91	MJA	59	AD2
72.54	19	200	0.46	MJAF	39	AD1	101.68	14	600	0.97	MJAF	59	AD2
67.80	21	200	0.50				90.26	16	600	1.1			
58.60	24	200	0.57				76.56	18	600	1.3			
49.79	28	200	0.66				69.12	20	600	1.4			
44.46	31	200	0.74				60.81	23	600	1.6			

注：MJ39 AD... 表示输入轴型号，n = 1400 r/min表示输入转速，200 N·m表示此型号下转速比中最大的许用扭矩。
Note: MJ39 AD... means input shaft type, n = 1400 r/min means input speed, 200 N·m indicates the maximum permissible torque under different speed ratios in the model.

1) 选型参数表中的机型可以适用中的任一传动比选配。
2) 选型参数表中的机型号30~159参数也适用于MJAD, MJAZ, MJAT, MJH, MJHB, MJHF, MJHT, MJHZ机型。
选型参数表中的机型号160~189参数也适用于MJH。
1) The machine types in the parameter selection list can match any transmission ratio in the column.
2) Parameters type 30~159 in model selection parameter form are also applicable to model MJHZ.
Parameters type 160 ~ 189 in model selection parameter form are also applicable to model MJH.

3.4 MJ系列输入功率及最大扭矩 Input power and maximum torque of MJ series

规格 size	39	49	59	69	79	89	99	109	129	159	169	189
结构形式 Structure	MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJH、MJHB、MJHF、MJHT、MJHZ										MJ、MJA、MJH	
输入功率(kw) Input power rating	0.12-3.0	0.12-3.0	0.12-5.5	0.12-5.5	0.25-11	0.37-22	0.75-30	1.5-45	4-90	5.5-200	7.5-200	15-200
传动比 Ratio	5.36-106.38	5.62-131.87	6.57-145.15	7.28-144.79	7.24-192.18	7.21-197.37	8.7-176.04	8.69-143.47	8.68-146.07	12.66-169.50	17.34-164.50	17.18-179.86
最大扭矩*(N·m) Maximum torque	200	400	600	820	1550	2700	4300	8000	13000	18000	32000	50000

*) 最大扭矩是指本样本中不同传动比对应的最大扭矩的最大值

*) The maximum torque indicates the maximum value of maximum torque corresponding to different transmission ratios in this specification.

3.5 MJ系列主机重量表 Main machine weight form of MJ series

型号 Type	MJ39	MJ49	MJ59	MJ69	MJ79	MJ89	MJ99	MJ109	MJ129	MJ159	MJ169	MJ189
重量(kg) Weight(kg)	10	26	29	33.5	62	103	179	275	437	679	1110	1736
型号 Type	MJF39	MJF49	MJF59	MJF69	MJF79	MJF89	MJF99	MJF109	MJF129	MJF159		
重量(kg) Weight(kg)	21	29	33	39.5	70	113	198	288	478	757		
型号 Type	MJA39	MJA49	MJA59	MJA69	MJA79	MJA89	MJA99	MJA109	MJA129	MJA159	MJA169	MJA189
重量(kg) Weight(kg)	19	25	26	31.5	55	91	151	247	409	647	1071	1669
型号 Type	MJAF39	MJAF49	MJAF59	MJAF69	MJAF79	MJAF89	MJAF99	MJAF109	MJAF129	MJAF159		
重量(kg) Weight(kg)	20	28	33	36.5	62	104	175	270	445	703		
型号 Type	MJAT39	MJAT49	MJAT59	MJAT69	MJAT79	MJAT89	MJAT99	MJAT109	MJAT129	MJAT159		
重量(kg) Weight(kg)	21	28	31	36.5	62	103	169	272	469	747		

注： 1)MJAB、MJAZ、MJHB、MJH、MJHZ与MJA主机重量近似。
2)MJHF与MJAF主机重量近似。
3)MJHT与MJAT主机重量近似。

Note: 1)The weight of main machine of MJAB、MJAZ、MJHB、MJH、MJHZ is similar to that of MJA.
2)The weight of main machine of MJHF is similar to that of MJAF.
3)The weight of main machine of MJHT is similar to that of MJAT.

3.6 MJ系列润滑油量表 Lubricating oil quantity form of MJ series

MJ..、MJAB..、MJHB..

机型号 Gear unit type	润滑油量（升）Fill quantity in liters (L)					
	M1	M2	M3	M4	M5	M6
MJ..39	0.5	1	1	1.3	1	1
MJ..49	0.8	1.3	1.5	2	1.6	1.6
MJ..59	1.2	2.3	2.5	3	2.6	2.4
MJ..69	1.1	2.4	2.6	3.4	2.6	2.6
MJ..79	2.2	4.1	4.4	5.9	4.2	4.4
MJ..89	3.7	8	8.7	10.9	7.8	8
MJ..99	7	14	15.7	20	15.7	15.5
MJ..109	10	21	25.5	33.5	24	24
MJ..129	21	41.5	44	54	40	41
MJ..159	31	62	65	90	58	62
MJ..169	35	100	100	125	85	85
MJ..189	60	170	170	205	130	130

MJF..

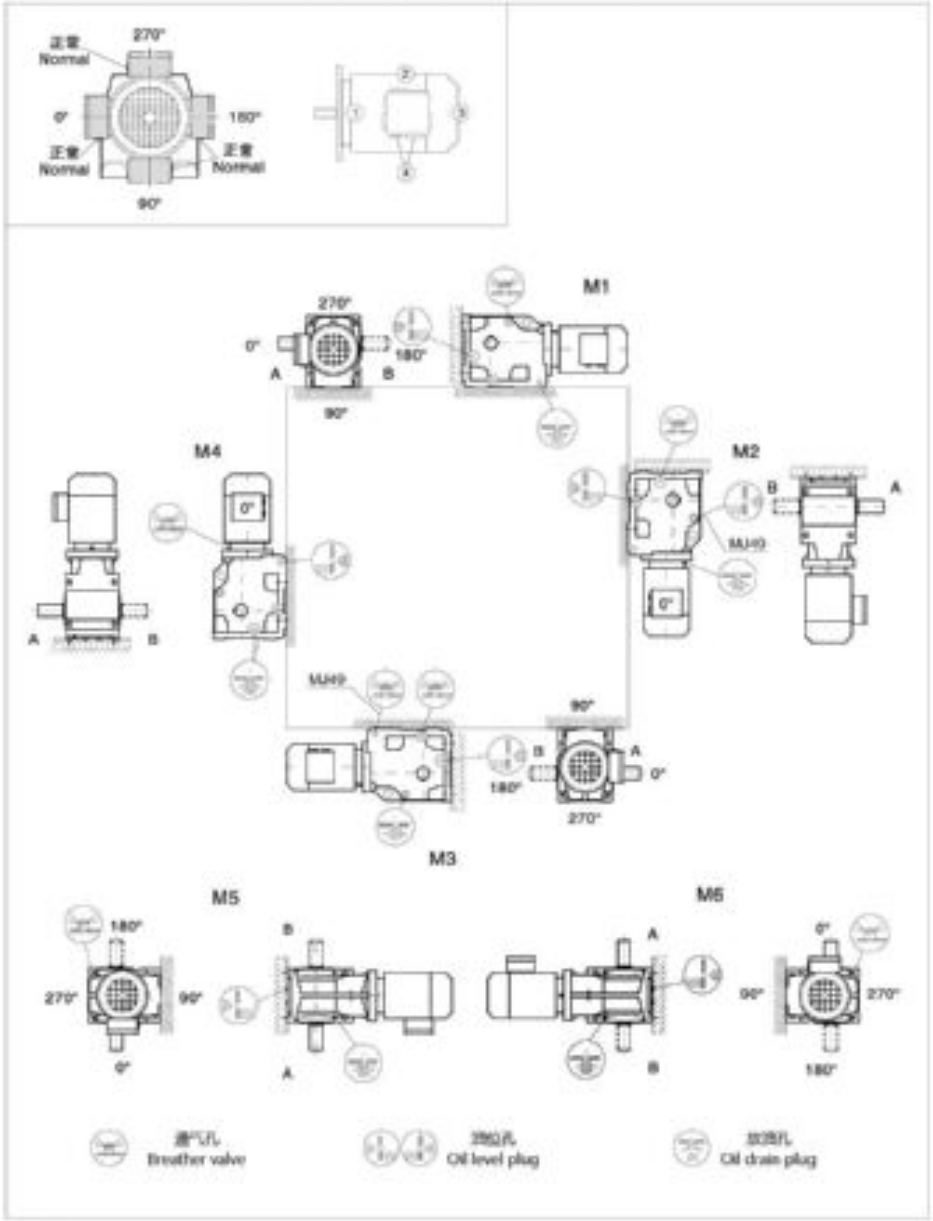
机型号 Gear unit type	润滑油量（升）Fill quantity in liters (L)					
	M1	M2	M3	M4	M5	M6
MJF..39	0.5	1.1	1.1	1.5	1	1
MJF..49	0.8	1.3	1.7	2.2	1.6	1.6
MJF..59	1.3	2.3	2.7	3	2.9	2.7
MJF..69	1.1	2.4	2.8	3.6	2.7	2.7
MJF..79	2.1	4.1	4.4	6	4.5	4.5
MJF..89	3.7	8.2	9	11.9	8.4	8.4
MJF..99	7	14.7	17.3	21.5	15.7	16.5
MJF..109	10	22	26	35	25	25
MJF..129	21	41.5	46	55	41	41
MJF..159	31	66	69	92	62	62

MJA..、MJAF..、MJAZ..、MJAT..、MJHZ..、MJHT..

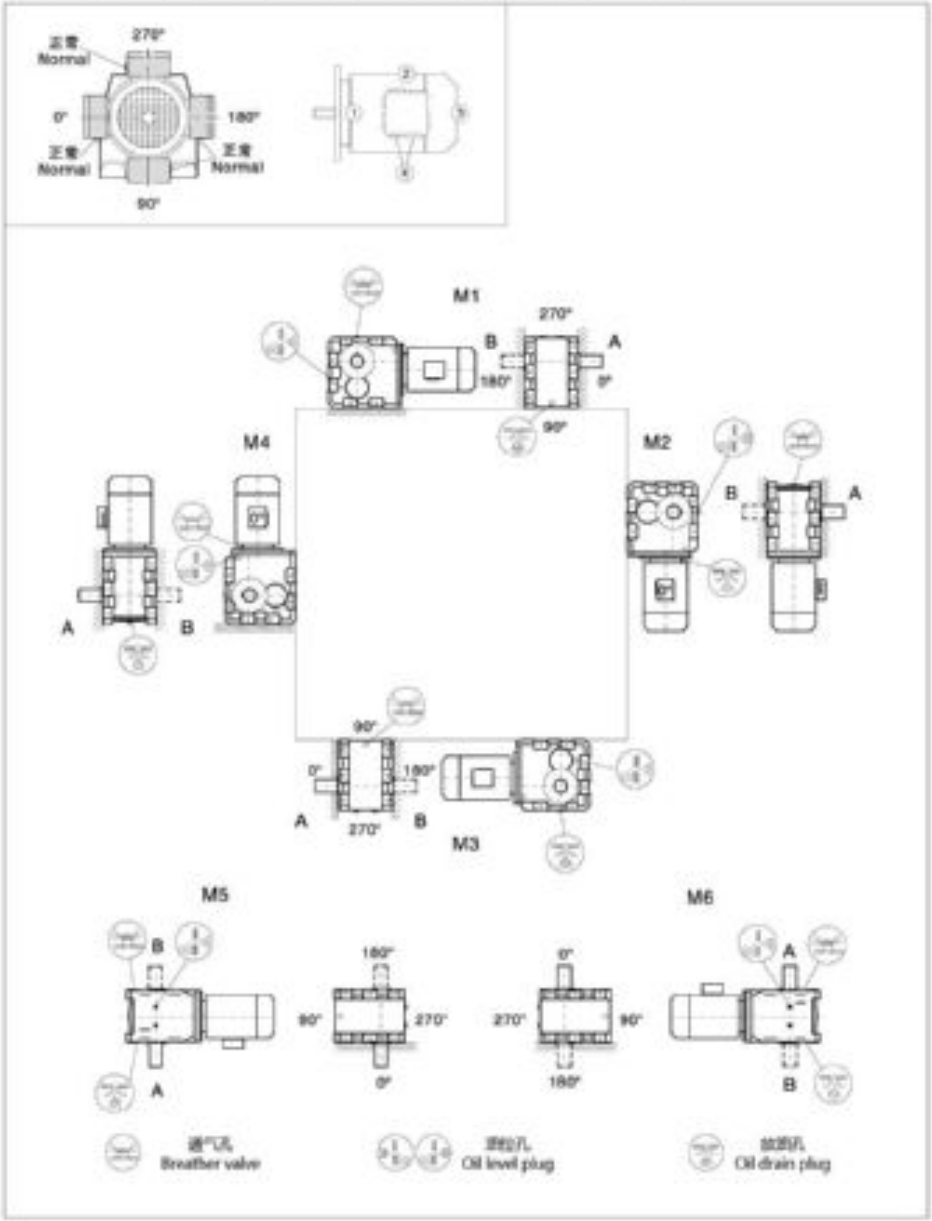
机型号 Gear unit type	润滑油量（升）Fill quantity in liters (L)					
	M1	M2	M3	M4	M5	M6
MJ..39	0.5	1	1	1.4	1	1
MJ..49	0.8	1.3	1.6	2.1	1.6	1.6
MJ..59	1.3	2.3	2.7	3	2.9	2.7
MJ..69	1.1	2.4	2.7	3.6	2.6	2.6
MJ..79	2.1	4.1	4.6	6	4.4	4.4
MJ..89	3.7	8.2	8.8	11.1	8	8
MJ..99	7	14.7	15.7	20	15.7	15.7
MJ..109	10	20.5	24	32	24	24
MJ..129	21	41.5	43	52	40	40
MJ..159	31	60	67	87	62	62
MJ..169	35	100	100	125	85	85
MJ..189	60	170	170	205	130	130

3.7 MJ系列安装形式图 Installation form figure of MJ series

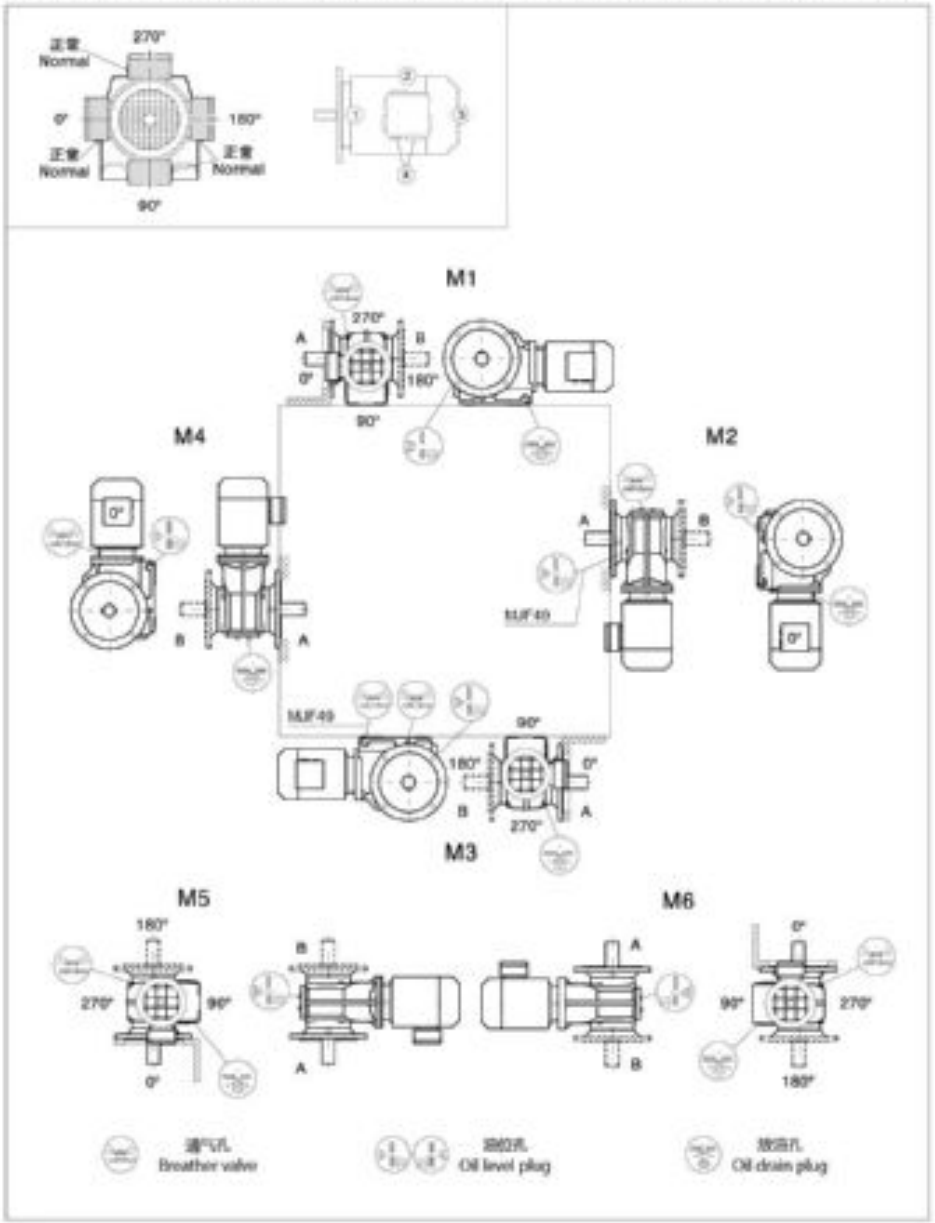
MJ/MJAB/MJHB39-159 安装形式图 MJ/MJAB/MJHB39-159Mounting position example



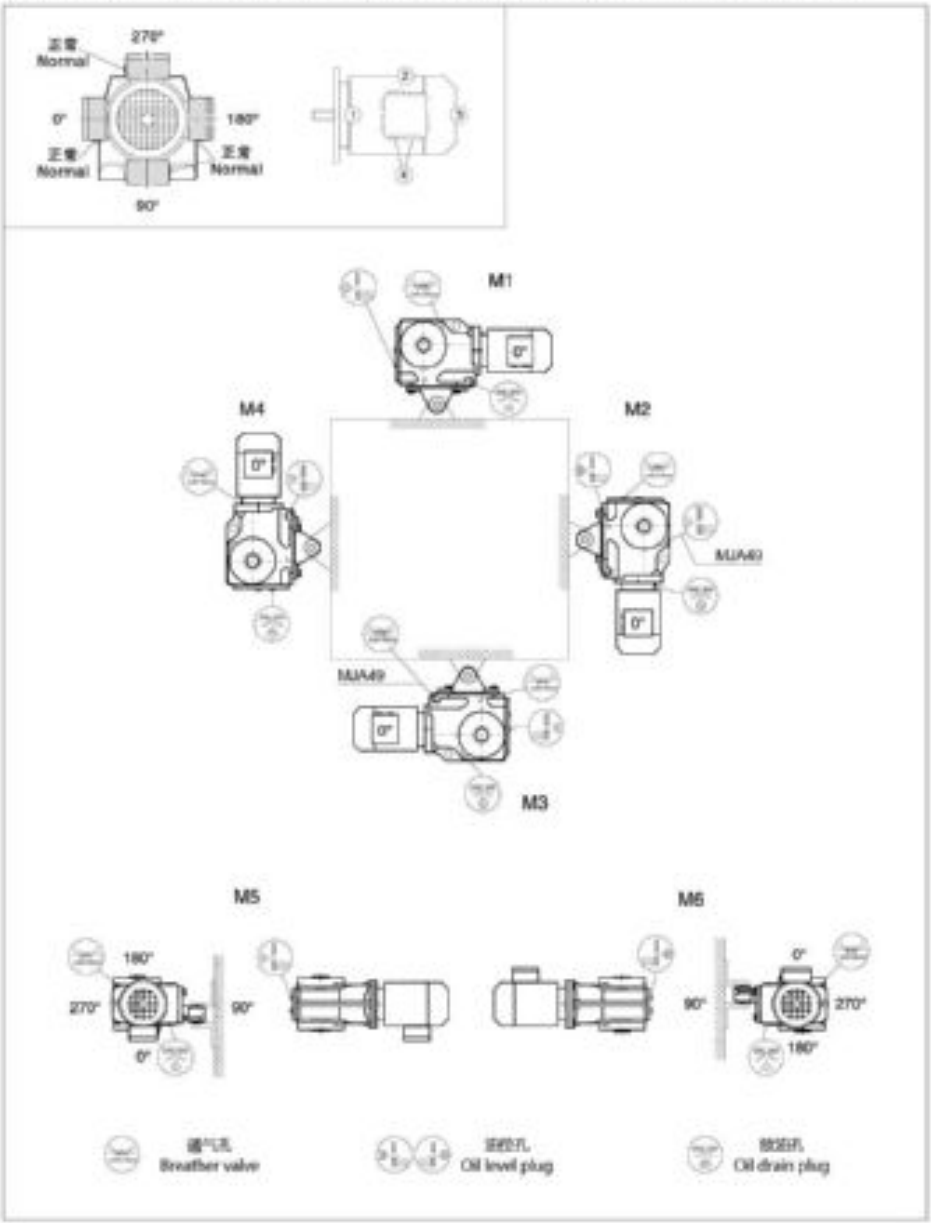
MJ/MJA/MJH169-189 安装形式图 MJ/MJA/MJH169-189 Mounting position example



MJF/MJAF/MJHF/MJAZ/MJHZ39-159 安装形式图 MJF/MJAF/MJHF/MJAZ/MJHZ39-159 Mounting position example



MJA/MJAT/MJH/MJHT39-159 安装形式图 MJA/MJAT/MJH/MJHT39-159 Mounting position example



3.8 MJ系列恒功率选型参数表

Constant power model selection parameter form of MJ series

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.12KW						
0.08	10680	17550	1.31	MJ	129 ME179	4P
0.09	9302	16006	1.33	MJF	129 ME179	4P
0.09	9075	14975	1.40	MJA	129 ME179	4P
0.11	7448	12295	1.72	MJAF	129 ME179	4P
0.13	6035	10915	1.95			
0.14	5680	9705	2.1			
0.16	5098	8443	2.5			
0.18	4465	7366	2.8			
0.19	5573	14311	0.99	MJ	109 ME179	4P
0.11	7366	12211	1.05	MJF	109 ME179	4P
0.13	6468	10677	1.20	MJA	109 ME179	4P
0.14	5772	9524	1.35	MJAF	109 ME179	4P
0.17	5047	8326	1.55			
0.19	4490	7270	1.80			
0.22	3636	6164	2.2			
0.24	3156	5662	2.5			
0.27	2862	5436	2.7			
0.32	2526	4359	3.0			
0.17	5151	8054	0.93	MJ	99 ME159	4P
0.20	4341	6970	0.95	MJF	99 ME159	4P
0.23	3826	6027	1.05	MJA	99 ME159	4P
0.26	3587	5391	1.20	MJAF	99 ME159	4P
0.30	2950	4669	1.40			
0.34	2665	4062	1.55			
0.39	2332	3583	1.80			
0.44	2058	3108	2.1			
0.50	1735	2757	2.4			
0.56	1598	2391	2.6	MJ	99 ME159	4P
0.65	1401	2129	3.0	MJF	99 ME159	4P
0.74	1245	1858	3.4	MJA	99 ME159	4P
0.85	1029	1625	4.1	MJAF	99 ME159	4P
0.96	972	1430	4.8			
1.1	853	1261	5.6			
1.2	740	1102	5.7			
0.28	3450	5240	0.80	MJ	89 ME159	4P
0.33	2942	4562	0.95	MJF	89 ME159	4P
0.34	2826	4037	1.03	MJA	89 ME159	4P
0.38	2352	3689	1.15	MJAF	89 ME159	4P
0.44	2029	3037	1.30			
0.51	1695	2726	1.55			
0.58	1499	2371	1.75			
0.66	1401	2088	1.80	MJ	89 ME159	4P
0.74	1245	1854	2.1	MJF	89 ME159	4P
0.83	1117	1657	2.4	MJA	89 ME159	4P
0.98	940	1399	2.8	MJAF	89 ME159	4P
1.1	813	1214	3.2			
1.3	711	1078	3.7			
1.4	598	951	4.4			
1.7	515	837	5.2			
1.9	446	726	5.9			
0.51	1893	2717	0.85	MJ	79 ME039	4P
0.58	1499	2370	1.03	MJF	79 ME039	4P
				MJA	79 ME039	4P
				MJAF	79 ME039	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.12KW						
0.67	1411	2059	1.16	MJ	79 ME039	4P
0.78	1205	1772	1.25	MJF	79 ME039	4P
0.91	1029	1534	1.50	MJA	79 ME039	4P
1.0	931	1378	1.62	MJAF	79 ME039	4P
1.1	823	1218	1.85			
1.3	718	1042	2.1			
1.5	632	924	2.4			
1.7	559	815	2.7			
1.9	437	392	3.5			
2.2	387	822	3.9			
1.0	981	1351	0.85	MJ	69 ME039	4P
1.2	813	1171	1.06	MJF	69 ME039	4P
1.3	711	1034	1.15	MJA	69 ME039	4P
1.5	593	903	1.35	MJAF	69 ME039	4P
1.7	559	793	1.45			
2.0	496	697	1.66			
2.2	392	613	2.0			
2.6	343	542	2.3			
2.9	323	471	2.5			
3.3	265	426	3.0			
3.8	245	361	3.3			
4.3	216	323	3.6			
5.0	177	279	4.5			
5.6	156	246	5.2			
6.4	136	217	5.9			
1.5	593	806	1.08	MJ	59 ME039	4P
1.7	534	806	1.16	MJF	59 ME039	4P
2.0	496	690	1.38	MJA	59 ME039	4P
2.2	392	615	1.50	MJAF	59 ME039	4P
2.5	343	544	1.70			
2.9	319	473	1.85			
3.3	270	421	2.2			
3.8	245	362	2.4			
4.3	216	319	2.8			
4.9	177	280	3.3			
5.6	157	246	3.8			
6.4	136	215	4.3			
7.3	123	192	4.8			
2.5	372	552	1.05	MJ	49 ME039	4P
2.8	319	495	1.25	MJF	49 ME039	4P
3.2	284	426	1.40	MJA	49 ME039	4P
3.7	240	375	1.65	MJAF	49 ME039	4P
4.2	221	327	1.75			
4.8	194	289	2.0			
4.9	240	346	0.89	MJ	39 ME019	4P
4.5	201	304	0.95	MJF	39 ME019	4P
5.2	185	267	1.05	MJA	39 ME019	4P
5.9	160	234	1.20	MJAF	39 ME019	4P
6.7	140	205	1.48			
7.8	122	181	1.69			
8.6	107	160	1.85			
10	89	136	2.2			
6.2	175	144.79	4.5	MJ	69	6P
				MJF	69	6P
				MJA	69	6P
				MJAF	69	6P
6.2	176	143.65	3.3	MJ	59	6P
7.3	150	123.85	3.8	MJF	59	6P
8.3	131	108.29	4.4	MJA	59	6P
8.9	123	101.68	4.7	MJAF	59	6P
10	100	80.26	5.2			
12	93	76.50	6.2			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.12KW						
9.5	105	145.15	5.6	MJ	59	4P
11	88	123.85	5.8	MJF	59	4P
13	80	106.20	6.7	MJA	59	4P
13	80	101.68	7.1	MJAF	59	4P
15	71	80.20	8.8			
6.8	169	131.67	2.4	MJ	69	6P
7.4	147	121.68	2.6	MJF	69	6P
8.8	126	104.37	3.0	MJA	69	6P
				MJAF	69	6P
10	105	131.67	3.7	MJ	49	4P
11	88	121.68	4.0	MJF	49	4P
				MJA	49	4P
				MJAF	49	4P
8.5	129	106.56	1.50	MJ	39	6P
9.2	119	97.61	1.60	MJF	39	6P
11	102	83.60	1.90	MJA	39	6P
12	87	72.54	2.2	MJAF	39	6P
13	84	106.30	2.3	MJ	39	4P
14	77	97.61	2.5	MJF	39	4P
16	67	83.60	2.9	MJA	39	4P
19	57	72.54	3.3	MJAF	39	4P
20	53	67.80	3.6			
24	47	59.60	4.1			
28	39	49.79	4.8			
31	35	44.46	5.4			
36	30	37.97	6.4			
39	28	35.57	6.8			
46	24	29.90	8.0			
48	23	28.03	8.4			
55	20	24.39	9.6			
59	18	23.38	10			
65	16	20.89	11			
80	13	17.15	13			
93	12	15.32	14			
105	10	13.96	15			
114	9.5	12.54	16			
0.18KW						
0.09	15484	14975	0.80	MJ	129 ME179	4P
0.11	12688	12295	1.01	MJF	129 ME179	4P
0.12	11270	10915	1.15	MJA	129 ME179	4P
0.13	9977	9705	1.30	MJAF	129 ME179	4P
0.16	8993	8443	1.45			
0.18	7634	7366	1.67			
0.20	6752	6540	1.90			
0.23	5772	5594	2.2			
0.26	5108	5027	2.5			
0.28	4400	4423	2.9			
0.34	3632	3589	3.3			
0.48	3185	3311	3.6			
0.18	8604	8326	0.98	MJ	109 ME179	4P
0.18	7597	7230	1.05	MJF	109 ME179	4P
0.21	6252	6164	1.25	MJA	109 ME179	4P
0.23	5576	5662	1.40	MJAF	109 ME179	4P
0.29	5057	5436	1.55			
0.36	4459	4359	1.75			
0.35	3930	3810	2.0			
0.39	3342	3358	2.4			
0.44	3028	2977	2.6			
0.51	2636	2589	3.0			
0.58	2274	2288	3.5			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.18KW						
0.26	4960	4909	0.85	MJ	89 ME059	4P
0.32	4449	4092	0.95	MJF	89 ME059	4P
0.37	3861	3583	1.10	MJA	89 ME059	4P
0.42	3381	3108	1.25	MJAF	89 ME059	4P
0.49	2930	2757	1.45			
0.56	2625	2391	1.62	MJ	89 ME059	4P
0.62	2313	2125	1.86			
0.71	2048	1956	2.1	MJF	89 ME059	4P
0.81	1725	1625	2.4	MJA	89 ME059	4P
0.92	1469	1430	2.8			
1.1	1302	1261	3.0			
1.2	1215	1102	3.5			
1.4	1056	946	4.0	MJAF	89 ME059	4P
1.5	939	845	4.5			
1.8	786	743	5.6			
2.0	676	652	6.2			
0.42	3371	3187	0.89	MJ	89 ME059	4P
0.48	2842	2726	0.90	MJF	89 ME059	4P
0.56	2519	2371	1.05	MJA	89 ME059	4P
				MJAF	89 ME059	4P
0.63	2383	2089	1.05	MJ	89 ME059	4P
0.71	2048	1854	1.30	MJF	89 ME059	4P
0.80	1833	1657	1.45	MJA	89 ME059	4P
0.94	1541	1399	1.72	MJAF	89 ME059	4P
1.1	1330	1214	1.92			
1.2	1176	1078	2.3			
1.4	1009	951	2.6			
1.6	872	837	3.0			
1.8	780	726	3.5			
0.67	9080	1014	0.00	MJ	79 ME039	4P
0.96	9523	1078	1.01	MJF	79 ME039	4P
1.1	1302	1218	1.10	MJA	79 ME039	4P
1.2	1164	1042	1.31	MJAF	79 ME039	4P
1.4	1029	924	1.45			
1.6	911	815	1.65			
1.8	737	702	2.0			
2.1	657	622	2.3			
2.4	568	552	2.6			
2.7	519	495	2.9			
3.1	456	428	3.3			
3.6	402	397	3.8			
1.7	991	703	0.90	MJ	69 ME039	4P
1.9	750	697	1.05	MJF	69 ME039	4P
2.1	657	613	1.20	MJA	69 ME039	4P
2.4	578	542	1.40	MJAF	69 ME039	4P
2.8	529	471	1.50			
3.1	446	420	1.66			
3.6	402	381	2.0			
4.1	353	323	2.3			
4.7	299	279	2.7			
2.4	578	544	1.00	MJ	59 ME039	4P
2.8	524	473	1.10	MJF	59 ME039	4P
3.1	451	421	1.30	MJA	59 ME039	4P
3.6	402	362	1.45	MJAF	59 ME039	4P
4.1	353	319	1.65			
4.7	299	280	1.95			
5.4	265	240	2.2			
6.1	236	215	2.5			
6.9	206	192	2.9			
7.9	179	169	3.3			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.18KW						
3.5	402	375	1.03	MJ	40 MD09	4P
4.0	363	327	1.10	MJF	40 MD09	4P
4.6	310	289	1.20	MJA	40 MD09	4P
5.2	274	256	1.45	MJAF	40 MD09	4P
5.9	245	225	1.60			
6.7	211	198	1.85			
7.7	184	171	2.1			
8.6	165	153	2.4			
10	144	131	2.7			
6.4	230	255	0.85	MJ	30 MD10	4P
7.3	201	181	1.03	MJF	30 MD10	4P
8.2	176	160	1.10	MJA	30 MD10	4P
9.7	148	136	1.35	MJAF	30 MD10	4P
10	142	127	1.40			
6.9	271	144.79	2.9	MJ	69	6P
7.8	233	123.54	3.4	MJF	69	6P
8.1	204	108.03	3.8	MJA	69	6P
9.6	182	101.43	4.0	MJAF	69	6P
9.1	189	144.79	4.4	MJ	69	4P
11	153	123.54	5.1	MJF	69	4P
12	134	108.03	5.8	MJA	69	4P
				MJAF	69	4P
6.9	271	145.15	2.1	MJ	59	6P
7.9	233	123.85	2.5	MJF	59	6P
9.0	204	108.29	2.8	MJA	59	6P
9.6	182	101.68	3.0	MJAF	59	6P
9.6	169	90.20	3.4			
9.1	180	145.15	3.2	MJ	59	4P
11	153	123.85	3.7	MJF	59	4P
12	134	108.29	4.3	MJA	59	4P
13	126	101.68	4.6	MJAF	59	4P
15	110	90.20	5.1			
17	95	76.56	6.6			
6.6	247	131.87	1.55	MJ	49	6P
7.2	228	121.48	1.65	MJF	49	6P
8.3	196	104.37	1.95	MJA	49	6P
9.6	171	90.86	2.2	MJAF	49	6P
10	169	85.12	2.4			
10	163	131.87	2.3	MJ	49	4P
11	150	121.48	2.5	MJF	49	4P
13	129	104.37	2.9	MJA	49	4P
15	112	90.86	3.4	MJAF	49	4P
18	106	85.12	3.8			
9.2	200	106.38	0.85	MJ	39	6P
9.9	183	97.81	1.05	MJF	39	6P
10	157	83.69	1.20	MJA	39	6P
12	136	72.54	1.40	MJAF	39	6P
12	132	106.38	1.45	MJ	39	4P
14	121	97.81	1.55	MJF	39	4P
16	104	83.69	1.85	MJA	39	4P
18	90	72.54	2.1	MJAF	39	4P
19	84	67.80	2.3			
23	72	58.00	2.6			
27	62	49.79	3.1			
30	55	44.46	3.5			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.18KW						
35	47	37.67	4.1			
37	44	35.57	4.3			
44	37	29.95	5.1			
46	36	28.83	5.3			
53	31	24.89	6.2			
57	29	23.36	6.4			
65	25	20.19	7.0			
77	21	17.15	8.3			
80	19	15.32	8.8			
101	16	13.08	9.7			
109	15	12.14	10			
126	13	10.49	12			
169	11	8.91	14			
190	9.5	7.96	15			
0.25KW						
0.13	14723	9765	0.86	MJ	120 MD70	4P
0.15	12740	8443	1.00	MJF	120 MD70	4P
0.17	11237	7396	1.11	MJA	120 MD70	4P
0.20	9698	6565	1.30	MJAF	120 MD70	4P
0.22	8575	5804	1.50			
0.26	7538	5027	1.70			
0.29	6537	4423	1.95			
0.33	5713	3869	2.2			
0.39	4782	3311	2.7			
0.21	9271	6164	0.85	MJ	100 MD70	4P
0.23	8319	5602	0.95	MJF	100 MD70	4P
0.25	7546	5130	1.05	MJA	100 MD70	4P
0.30	6505	4359	1.20	MJAF	100 MD70	4P
0.34	5762	3810	1.35			
0.39	4959	3358	1.60			
0.44	4459	2977	1.75			
0.50	3900	2599	2.0			
0.57	3351	2286	2.3			
0.67	2852	1939	2.7			
0.76	2628	1713	3.0	MJ	100 MD70	4P
0.84	2351	1554	3.3	MJF	100 MD70	4P
0.97	2049	1336	3.8	MJA	100 MD70	4P
				MJAF	100 MD70	4P
0.42	4850	3305	0.85	MJ	90 MD59	4P
0.47	4273	2757	1.00	MJF	90 MD59	4P
				MJA	90 MD59	4P
				MJAF	90 MD59	4P
0.55	3837	2361	1.11	MJ	90 MD59	4P
0.61	3352	2123	1.25	MJF	90 MD59	4P
0.70	2903	1856	1.40	MJA	90 MD59	4P
0.80	2528	1625	1.65	MJAF	90 MD59	4P
0.90	2195	1430	1.90			
1.0	2009	1261	2.1			
1.2	1754	1102	2.4			
1.4	1521	946	2.7			
1.5	1358	845	3.1			
0.62	3322	2098	0.89	MJ	80 MD59	4P
0.70	2950	1854	0.99	MJF	80 MD59	4P
0.78	2646	1657	1.09	MJA	80 MD59	4P
0.93	2220	1399	1.16	MJAF	80 MD59	4P
1.1	1936	1214	1.37			
1.2	1705	1075	1.55			
1.4	1469	951	1.80			
1.6	1284	837	2.1			
1.8	1117	726	2.4			
2.0	990	638	2.7			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.25KW						
1.2	1678	1042	0.99	MJ	70 MD39	4P
1.4	1490	924	1.00	MJF	70 MD39	4P
1.6	1303	815	1.15	MJA	70 MD39	4P
1.8	1097	702	1.41	MJAF	70 MD39	4P
2.1	960	622	1.60			
2.4	902	552	1.75			
2.7	705	485	2.0			
3.0	606	426	2.3			
3.5	583	367	2.6			
4.0	515	326	2.9			
4.5	461	290	3.3			
5.2	392	252	3.9			
5.9	345	221	4.4			
6.7	304	195	5.0			
7.5	279	175	5.7			
2.1	990	613	0.85	MJ	69 MD39	4P
2.4	843	542	0.95	MJF	69 MD39	4P
2.8	709	471	1.05	MJA	69 MD39	4P
3.1	652	426	1.25	MJAF	69 MD39	4P
3.6	578	361	1.40			
4.0	515	323	1.55			
4.7	435	279	1.85			
5.3	392	248	2.1			
6.0	338	217	2.4			
3.1	657	421	0.99	MJ	59 MD39	4P
3.8	578	362	1.00	MJF	59 MD39	4P
4.1	519	319	1.15	MJA	59 MD39	4P
4.7	436	286	1.35	MJAF	59 MD39	4P
5.3	392	246	1.55			
6.0	338	215	1.75			
6.8	299	192	1.95			
7.6	260	166	2.3			
9.0	225	145	2.6			
10	206	128	2.9			
12	174	111	3.4			
13	153	97	3.8			
4.4	513	154.02	2.9	MJ	79	6P
5.0	451	135.28	3.3	MJF	79	6P
5.3	424	127.32	3.4	MJA	79	6P
6.0	380	113.50	3.8	MJAF	79	6P
4.8	494	182.91	2.8	MJ	79	6P
4.9	457	171.76	3.0	MJF	79	6P
5.7	399	154.02	3.7	MJA	79	6P
6.5	347	135.28	4.2	MJAF	79	6P
5.5	413	123.54	1.90	MJ	69	6P
6.3	361	106.03	2.2	MJF	69	6P
6.7	335	101.43	2.3	MJA	69	6P
7.5	299	90.04	2.6	MJAF	69	6P
6.1	375	144.79	2.1	MJ	69	6P
7.1	318	123.54	2.5	MJF	69	6P
8.2	280	106.03	2.8	MJA	69	6P
8.7	263	101.43	3.0	MJAF	69	6P
9.8	252	144.79	3.1	MJ	69	4P
11	214	123.54	3.6	MJF	69	4P
12	188	106.03	4.1	MJA	69	4P
13	177	101.43	4.5	MJAF	69	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.25KW						
6.1	375	145.15	1.50	MJ	59	6P
7.1	318	123.85	1.80	MJF	59	6P
8.1	280	108.29	2.0	MJA	59	6P
8.7	260	101.68	2.2	MJAF	59	6P
9.6	233	90.26	2.5			
11	206	79.56	2.9			
9.9	252	145.15	2.3	MJ	59	4P
11	214	123.85	2.6	MJF	59	4P
12	185	108.29	3.0	MJA	59	4P
13	177	101.68	3.2	MJAF	59	4P
14	156	90.26	3.6			
17	134	79.56	4.3			
8.7	342	131.87	1.10	MJ	49	6P
9.2	314	121.48	1.20	MJF	49	6P
8.4	271	104.37	1.40	MJA	49	6P
9.7	233	90.86	1.65	MJAF	49	6P
10	210	85.12	1.75			
9.9	228	131.87	1.65	MJ	49	4P
11	214	121.48	1.80	MJF	49	4P
13	182	104.37	2.1	MJA	49	4P
14	159	90.86	2.4	MJAF	49	4P
15	148	85.12	2.6			
11	214	83.69	0.80	MJ	39	6P
12	187	72.54	1.00	MJF	39	6P
13	175	67.80	1.10	MJA	39	6P
15	151	58.65	1.25	MJAF	39	6P
18	126	49.79	1.50			
12	195	106.38	1.00	MJ	39	4P
13	171	97.81	1.10	MJF	39	4P
15	146	83.69	1.30	MJA	39	4P
18	126	72.54	1.50	MJAF	39	4P
19	119	67.80	1.60			
22	103	58.69	1.85			
26	86	49.79	2.2			
29	78	44.46	2.5			
34	67	37.67	2.9			
37	62	35.57	3.1			
43	52	29.96	3.6			
45	50	28.83	3.8			
52	44	24.89	4.4			
56	41	23.36	4.6			
64	35	20.19	5.0			
76	30	17.15	5.7			
85	27	15.32	6.2			
99	23	13.08	6.9			
107	21	12.14	7.2			
128	18	10.49	8.3			
148	15	8.91	9.8			
183	14	7.96	11			
198	12	6.88	12			
264	11	6.37	12			
0.37KW						
0.19	18691	7396	0.81	MJ	120 MD79	6P
0.21	14210	6565	0.90	MJF	120 MD79	6P
0.24	12348	5804	1.05	MJA	120 MD79	6P
0.27	10780	5027	1.20	MJAF	120 MD79	6P
0.31	9418	4423	1.36			
0.35	8252	3869	1.55			
0.42	6808	3311	1.85			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.37KW						
0.73	4153	1907	3.6	MJ	129 ME079	4P
0.89	3393	1730	3.3	MJF	129 ME079	4P
0.99	3322	1541	3.6	MJA	129 ME079	4P
				MJAF	129 ME079	4P
0.38	8252	3810	0.95	MJ	109 ME079	4P
0.41	7154	3358	1.10	MJF	109 ME079	4P
0.46	6409	2977	1.20	MJA	109 ME079	4P
0.53	5596	2569	1.40	MJAF	109 ME079	4P
0.60	4971	2298	1.60			
0.71	4126	1839	1.90			
0.81	3253	1713	2.1	MJ	109 ME079	4P
0.89	3410	1554	2.3	MJF	109 ME079	4P
1.0	2930	1336	2.7	MJA	109 ME079	4P
1.2	2556	1166	3.1	MJAF	109 ME079	4P
0.65	4353	2123	0.93	MJ	99 ME059	4P
0.74	4105	1858	1.00	MJF	99 ME059	4P
0.85	3597	1625	1.15	MJA	99 ME059	4P
0.96	3136	1430	1.35	MJAF	99 ME059	4P
1.1	2842	1281	1.50			
1.2	2489	1102	1.70			
1.4	2151	946	1.97			
1.6	1827	845	2.2			
1.9	1697	743	2.4			
2.1	1421	652	3.0			
2.4	1264	573	3.3			
0.99	3140	1369	0.86	MJ	89 ME059	4P
1.1	2738	1214	0.96			
1.3	2421	1078	1.10	MJF	89 ME059	4P
1.4	2137	951	1.25	MJA	89 ME059	4P
1.7	1842	837	1.45			
1.9	1597	726	1.65			
2.2	1411	638	1.85			
2.5	1235	562	2.2	MJAF	89 ME059	4P
2.9	1039	474	2.6			
3.2	931	426	2.8			
3.7	813	373	3.2			
1.7	1852	815	0.69	MJ	79 ME039	4P
1.9	1643	760	0.98	MJF	79 ME039	4P
2.2	1372	622	1.10	MJA	79 ME039	4P
2.5	1225	552	1.25	MJAF	79 ME039	4P
2.9	1078	485	1.40			
3.2	959	429	1.60			
3.6	823	367	1.85			
4.2	735	328	2.1			
4.8	652	299	2.3			
5.5	559	252	2.7			
6.2	490	221	3.1			
7.1	436	195	3.5			
7.9	382	175	4.0			
9.0	336	154	4.5			
3.3	931	429	0.85	MJ	69 ME039	4P
3.8	823	369	1.03	MJF	69 ME039	4P
4.3	730	323	1.10	MJA	69 ME039	4P
5.0	617	279	1.30	MJAF	69 ME039	4P
5.6	544	246	1.50			
6.4	485	217	1.65			
7.2	426	191	1.90			
8.3	368	166	2.2			
9.6	323	144	2.5			
11	278	122	2.9			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.37KW						
4.9	622	280	0.95	MJ	59 ME039	4P
5.6	544	246	1.10	MJF	59 ME039	4P
6.4	480	215	1.20	MJA	59 ME039	4P
7.2	426	192	1.40	MJAF	59 ME039	4P
8.3	372	166	1.68			
9.6	323	145	1.80			
11	294	129	2.0			
12	250	111	2.4			
14	221	97	2.7			
3.9	665	174.19	3.0	MJ	80	6P
4.1	608	164.34	3.2	MJF	80	6P
4.6	727	147.33	3.5	MJA	80	6P
				MJAF	80	6P
4.6	730	197.37	3.5	MJ	80	6P
5.2	651	174.19	4.0	MJF	80	6P
				MJA	80	6P
				MJAF	80	6P
5.9	670	135.29	2.2	MJ	79	6P
6.3	631	127.10	2.3	MJF	79	6P
6.8	561	113.56	2.6	MJA	79	6P
7.0	660	97.65	3.8	MJAF	79	6P
5.8	575	154.02	2.6	MJ	79	6P
6.7	504	136.26	2.9	MJF	79	6P
7.1	475	127.10	3.1	MJA	79	6P
7.9	423	113.56	3.5	MJAF	79	6P
7.2	466	192.19	3.0	MJ	79	4P
7.8	433	177.78	3.2	MJF	79	4P
8.9	375	154.02	3.8	MJA	79	4P
				MJAF	79	4P
6.3	532	186.03	1.43	MJ	89	6P
6.7	502	181.43	1.57	MJF	89	6P
7.5	447	90.04	1.75	MJA	89	6P
				MJAF	89	6P
7.3	461	123.54	1.70	MJ	89	6P
8.3	404	106.03	1.95	MJF	89	6P
8.9	380	101.43	2.0	MJA	89	6P
10	337	90.04	2.3	MJAF	89	6P
9.5	352	144.79	2.2	MJ	89	4P
11	299	123.54	2.6			
13	261	106.03	3.0	MJF	89	4P
15	219	90.04	3.6	MJA	89	4P
16	186	76.37	4.2	MJAF	89	4P
7.3	461	123.85	1.25	MJ	59	6P
8.3	404	108.29	1.40	MJF	59	6P
8.9	380	101.68	1.52	MJA	59	6P
10	337	90.20	1.70	MJAF	59	6P
12	265	76.56	2.0			
13	257	69.12	2.2			
9.5	352	145.15	1.68	MJ	59	4P
11	299	123.85	1.98			
13	261	108.29	2.2	MJF	59	4P
15	249	101.68	2.3	MJA	59	4P
16	219	90.20	2.6			
18	186	76.56	3.1	MJAF	59	4P
20	168	69.12	3.4			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.37KW						
8.8	390	184.37	1.00	MJ	49	6P
9.9	337	90.95	1.15	MJF	49	6P
11	316	85.12	1.20	MJA	49	6P
12	280	75.20	1.35	MJAF	49	6P
10	323	131.67	1.20	MJ	49	4P
11	295	121.49	1.30	MJF	49	4P
13	252	104.37	1.50	MJA	49	4P
				MJAF	49	4P
15	223	90.60	1.70	MJ	49	4P
16	209	85.12	1.85			
18	183	75.20	2.1	MJF	49	4P
20	170	69.14	2.2	MJA	49	4P
22	154	63.50	2.5	MJAF	49	4P
14	239	97.81	0.88	MJ	39	4P
16	204	83.00	0.95	MJF	39	4P
19	177	72.54	1.10	MJA	39	4P
20	165	67.80	1.15	MJAF	39	4P
24	143	58.00	1.35			
28	122	49.79	1.55			
31	108	44.86	1.75			
38	82	37.97	2.1			
39	80	35.57	2.2			
46	73	29.90	2.6			
48	70	28.83	2.7			
55	61	24.99	3.1			
59	57	23.30	3.3			
66	49	20.09	3.8			
83	42	17.15	4.5			
80	37	15.32	4.5			
105	32	13.08	4.9			
114	29	12.14	5.1			
102	28	10.49	6.0			
155	22	8.91	7.0			
173	19	7.96	7.6			
203	16	6.60	8.6			
217	15	6.37	8.9			
257	13	5.30	10			
0.55KW						
0.08	53600	18670	0.99	MJ	109 ME099	4P
0.10	45276	14272	1.10	MJH	109 ME099	4P
0.10	41160	13016	1.20			
0.12	35900	11047	1.35			
0.19	23324	7343	2.1			
0.12	36750	11573	0.85	MJ	109 ME099	4P
0.13	32634	10054	0.95	MJH	109 ME099	4P
0.16	27342	8628	1.15			
0.21	20776	6562	1.50			
0.25	16562	5355	1.90			
0.33	12838	4579	2.5			
0.28	21854	6881	0.88	MJ	159 ME099	4P
0.23	18916	5931	0.95	MJF	159 ME099	4P
0.34	12642	3979	1.40	MJA	159 ME099	4P
0.45	9912	3091	1.80	MJAF	159 ME099	4P
0.31	14802	4423	0.85	MJ	129 ME079	4P
0.35	12838	3969	1.00	MJF	129 ME079	4P
0.49	10878	3311	1.20	MJA	129 ME079	4P
0.45	9800	3086	1.30	MJAF	129 ME079	4P
0.52	8419	2697	1.50			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.55KW						
0.72	6424	1907	1.97	MJ	129 ME079	4P
0.78	5859	1739	2.2	MJF	129 ME079	4P
0.89	5165	1541	2.5	MJA	129 ME079	4P
1.0	4471	1328	2.8	MJAF	129 ME079	4P
1.2	3940	1177	3.2			
1.3	3413	1014	3.7			
0.40	9898	3377	0.80	MJ	109 ME079	4P
0.52	8853	2559	0.90	MJF	109 ME079	4P
0.59	7566	2265	1.05	MJA	109 ME079	4P
0.69	6489	1939	1.20	MJAF	109 ME079	4P
0.79	5862	1713	1.35	MJ	109 ME079	4P
0.87	5263	1554	1.50	MJF	109 ME079	4P
1.0	4548	1336	1.75	MJA	109 ME079	4P
1.2	3949	1166	2.0	MJAF	109 ME079	4P
1.3	3381	1030	2.3			
1.5	2950	904	2.7			
1.7	2648	795	2.9			
1.9	2312	696	3.4			
2.2	2069	615	3.9			
0.95	4841	1429	0.85	MJ	99 ME059	4P
1.1	4351	1261	0.95	MJF	99 ME059	4P
1.2	3703	1102	1.10	MJA	99 ME059	4P
1.4	3254	948	1.26	MJAF	99 ME059	4P
1.6	2944	845	1.42			
1.8	2480	745	1.78			
2.1	2265	652	1.90			
2.4	1980	573	2.1			
2.7	1866	504	2.5			
3.1	1450	437	2.9			
3.6	1294	382	3.3			
4.5	1049	305	4.0			
1.4	3234	951	0.80	MJ	89 ME059	4P
1.6	2832	837	0.95	MJF	89 ME059	4P
1.9	2460	726	1.10	MJA	89 ME059	4P
2.1	2178	638	1.28	MJAF	89 ME059	4P
2.4	1901	562	1.49			
2.9	1607	474	1.65			
3.2	1441	426	1.85			
3.6	1204	373	2.1			
4.1	1107	330	2.4			
4.6	996	294	2.7			
5.4	853	250	3.1			
5.8	884	236	3.3			
6.8	681	201	3.9			
2.6	3650	485	0.90	MJ	79 ME039	4P
3.2	3460	426	1.05	MJF	79 ME039	4P
3.7	2268	367	1.20	MJA	79 ME039	4P
4.2	1127	328	1.35	MJAF	79 ME039	4P
4.7	1000	293	1.56			
5.4	982	252	1.75			
6.3	756	221	2.0			
7.0	696	195	2.3			
7.8	593	175	2.6			
8.8	524	154	2.9			
4.9	951	270	0.85	MJ	69 ME039	4P
5.5	833	248	0.95	MJF	69 ME039	4P
6.2	740	217	1.10	MJA	69 ME039	4P
7.1	657	191	1.25	MJAF	69 ME039	4P
8.2	564	166	1.46			
9.4	495	144	1.69			
11	421	122	1.96			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.55KW						
7.1	657	192	0.90	MJ	50 MD59	4P
8.2	568	166	1.05	MJF	50 MD59	4P
9.4	500	145	1.20	MJA	50 MD59	4P
11	446	129	1.30	MJAF	50 MD59	4P
12	382	111	1.55			
14	333	97	1.75			
3.9	1283	174.19	2.0	MJ	60	6P
4.1	1207	164.34	2.1	MJF	60	6P
4.6	1083	147.33	2.4	MJA	60	6P
				MJAF	60	6P
4.6	1083	147.37	2.3	MJ	60	6P
5.2	903	174.19	2.7	MJF	60	6P
5.5	912	164.34	2.8	MJA	60	6P
6.1	817	147.33	3.1	MJAF	60	6P
5.9	988	135.28	1.50	MJ	70	6P
6.3	932	127.32	1.56	MJF	70	6P
6.9	836	113.56	1.75	MJA	70	6P
7.6	715	97.05	2.1	MJAF	70	6P
5.8	855	154.02	1.70	MJ	70	6P
6.7	754	135.28	1.90	MJF	70	6P
7.1	706	127.32	2.1	MJA	70	6P
7.9	632	113.56	2.3	MJAF	70	6P
8.8	565	154.02	2.6	MJ	70	4P
10	494	135.28	3.0	MJF	70	4P
11	466	127.32	3.1	MJA	70	4P
12	401	113.56	3.5	MJAF	70	4P
14	356	97.05	4.1			
7.3	694	123.54	1.15	MJ	60	6P
8.3	599	106.60	1.30	MJF	60	6P
8.9	503	101.43	1.37	MJA	60	6P
10	469	90.04	1.55	MJAF	60	6P
12	423	76.37	1.85			
11	459	123.54	1.70	MJ	60	4P
13	394	106.60	1.95	MJF	60	4P
15	333	90.04	2.4	MJA	60	4P
18	266	76.37	2.8	MJAF	60	4P
8.3	508	106.29	0.95	MJ	50	6P
8.9	503	101.08	1.01			
10	466	90.26	1.15	MJF	50	6P
12	423	76.56	1.35	MJA	50	6P
13	365	69.12	1.50			
15	337	60.81	1.70	MJAF	50	6P
16	316	57.42	1.80			
11	456	123.85	1.25	MJ	50	4P
13	399	106.29	1.45	MJF	50	4P
13	371	101.08	1.52	MJA	50	4P
15	333	90.26	1.70	MJAF	50	4P
16	269	76.56	2.0			
20	252	69.12	2.3			
22	223	60.81	2.6			
24	209	57.42	2.7			
13	365	104.37	1.00	MJ	40	4P
15	333	90.60	1.15	MJF	40	4P
16	314	85.10	1.20	MJA	40	4P
18	285	75.20	1.40	MJAF	40	4P
19	257	69.64	1.50			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.55KW						
21	233	65.30	1.65	MJ	40	4P
24	209	56.83	1.80	MJF	40	4P
26	180	48.95	2.1	MJA	40	4P
30	169	46.04	2.3	MJAF	40	4P
21	214	58.60	0.90	MJ	30	4P
27	162	43.79	1.00	MJF	30	4P
31	163	44.46	1.15	MJA	30	4P
36	140	37.97	1.35	MJAF	30	4P
38	130	35.57	1.45			
45	110	29.98	1.75			
47	105	28.83	1.80			
54	92	24.90	2.1			
58	86	23.36	2.2			
67	74	20.19	2.4			
79	63	17.15	2.7			
89	56	15.32	3.0			
104	48	13.08	3.3			
112	45	12.14	3.4			
130	39	10.49	4.0			
153	32	8.91	4.7			
171	30	7.96	5.1			
200	25	6.80	5.7			
214	24	6.37	5.9			
254	20	5.36	6.8			
0.75KW						
0.11	50840	13100	0.85	MJ	100 MD59	4P
0.12	46882	11947	1.00	MJH	100 MD59	4P
0.19	32046	7343	1.55			
0.20	29302	6747	1.65			
0.23	25626	5901	1.90			
0.16	37750	8639	0.85	MJ	100 MD59	4P
0.21	28794	6542	1.10	MJH	100 MD59	4P
0.26	22032	5055	1.35			
0.34	17738	4079	1.75			
0.41	14798	3375	2.1			
0.35	17346	3979	1.00	MJ	150 MD59	4P
0.45	13338	3059	1.30	MJF	150 MD59	4P
				MJA	150 MD59	4P
				MJAF	150 MD59	4P
0.63	7340	1659	2.4	MJ	150 MD59	4P
1.0	5919	1365	3.0	MJF	150 MD59	4P
				MJA	150 MD59	4P
				MJAF	150 MD59	4P
0.42	14798	3311	0.85	MJ	120 MD70	4P
0.46	13426	3009	0.95	MJF	120 MD70	4P
0.53	11554	3607	1.10	MJA	120 MD70	4P
				MJAF	120 MD70	4P
0.73	6743	1907	1.48	MJ	120 MD70	4P
0.80	7073	1709	1.62	MJF	120 MD70	4P
0.90	7016	1541	1.80	MJA	120 MD70	4P
1.0	6350	1329	2.1	MJAF	120 MD70	4P
1.2	5378	1377	2.4			
1.4	4648	1018	2.7			
1.5	4196	859	3.1			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.75KW						
0.81	7079	1713	1.00	MJ	100 MD70	4P
0.89	7154	1554	1.10	MJF	100 MD70	4P
1.0	6145	1336	1.30	MJA	100 MD70	4P
1.2	5361	1166	1.45	MJAF	100 MD70	4P
1.3	4945	1030	1.70			
1.5	4047	904	1.95			
1.7	3599	785	2.2			
2.0	3175	696	2.5			
2.2	2754	615	2.8			
1.2	5135	1102	0.80	MJ	90 MD59	4P
1.4	4456	948	0.96	MJF	90 MD59	4P
1.6	3991	845	1.06	MJA	90 MD59	4P
1.9	3401	743	1.25	MJAF	90 MD59	4P
2.1	2959	652	1.40			
2.4	2616	573	1.55			
2.7	2303	504	1.85			
3.2	1998	437	2.1			
3.6	1754	382	2.4			
4.5	1421	305	3.0			
5.4	1198	256	3.5			
6.0	1078	232	3.9			
6.9	921	198	4.6			
1.9	3342	726	0.80	MJ	80 MD59	4P
2.2	2950	638	0.90	MJF	80 MD59	4P
2.5	2597	562	1.00	MJA	80 MD59	4P
2.9	2170	474	1.20	MJAF	80 MD59	4P
3.2	1990	426	1.35			
3.7	1725	371	1.55			
4.2	1599	330	1.75			
4.7	1343	294	1.95			
5.5	1166	256	2.3			
5.8	1098	236	2.4			
6.9	931	201	2.9			
3.8	1795	367	0.95	MJ	70 MD59	4P
4.2	1599	328	1.00	MJF	70 MD59	4P
4.8	1352	290	1.15	MJA	70 MD59	4P
5.5	1166	252	1.30	MJAF	70 MD59	4P
6.2	1039	221	1.50			
3.9	1739	176.64	2.4	MJ	90	6P
4.5	1551	153.21	2.7	MJF	90	6P
4.9	1397	146.29	3.0	MJA	90	6P
				MJAF	90	6P
4.7	1454	147.33	1.75	MJ	60	6P
5.4	1254	126.91	2.1	MJF	60	6P
6.0	1140	115.62	2.3	MJA	60	6P
6.7	1017	102.71	2.5	MJAF	60	6P
5.2	1301	174.19	1.95	MJ	60	6P
5.5	1245	164.34	2.1	MJF	60	6P
6.1	1112	147.33	2.3	MJA	60	6P
7.1	903	126.91	2.7	MJAF	60	6P
7.0	989	197.37	2.6	MJ	60	4P
7.9	855	174.19	3.0	MJF	60	4P
8.4	809	164.34	3.2	MJA	60	4P
9.4	727	147.33	3.5	MJAF	60	4P
6.7	1026	135.28	1.45	MJ	70	6P
7.1	960	127.32	1.51	MJF	70	6P
7.9	855	113.56	1.70	MJA	70	6P
9.3	732	97.05	2.0	MJAF	70	6P
10	659	88.08	2.2			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.75KW						
9.0	760	154.02	1.95	MJ	70	4P
10	665	135.28	2.2	MJF	70	4P
11	626	127.32	2.3	MJA	70	4P
12	561	113.56	2.6	MJAF	70	4P
14	480	97.05	3.1			
11	668	123.54	1.30	MJ	60	4P
13	592	108.03	1.45	MJF	60	4P
15	442	80.64	1.75	MJA	60	4P
				MJAF	60	4P
11	375	76.37	2.1	MJ	60	6P
20	342	69.36	2.3	MJF	60	6P
23	299	60.66	2.6	MJA	60	6P
24	280	57.26	2.8	MJAF	60	6P
11	693	123.85	0.95	MJ	50	4P
13	532	109.29	1.05	MJF	50	4P
13	502	101.68	1.11	MJA	50	4P
15	447	90.26	1.30	MJAF	50	4P
18	375	76.56	1.50			
20	342	69.12	1.65			
23	299	60.81	1.90			
24	280	57.42	2.0			
28	242	48.89	2.4			
31	210	44.43	2.6			
18	371	75.20	1.08	MJ	40	4P
20	347	69.64	1.10	MJF	40	4P
22	314	63.30	1.20	MJA	40	4P
				MJAF	40	4P
24	280	56.83	1.35	MJ	40	4P
25	242	48.95	1.55	MJF	40	4P
30	226	46.04	1.65	MJA	40	4P
35	195	39.61	1.95	MJAF	40	4P
39	175	35.39	2.2			
44	154	31.30	2.5			
31	210	44.46	0.85	MJ	30	4P
36	167	37.97	1.00	MJF	30	4P
39	176	35.57	1.10	MJA	30	4P
46	140	29.98	1.30	MJAF	30	4P
48	140	28.83	1.35			
55	124	24.99	1.55			
59	115	23.36	1.69			
68	100	20.19	1.75			
80	85	17.15	2.0			
89	76	15.32	2.2			
105	65	13.08	2.4			
114	60	12.14	2.5			
132	51	10.40	2.9			
155	44	8.91	3.5			
173	39	7.96	3.8			
203	33	6.80	4.3			
217	31	6.37	4.4			
257	27	5.36	5.0			
1.1KW						
0.15	58408	9303	0.85	MJ	180 MD59	4P
0.17	50675	8126	1.00	MJH	180 MD59	4P
0.19	47432	7343	1.05			
0.21	43316	6747	1.35			
0.23	38220	5901	1.39			
0.26	33810	5355	1.45			
0.29	30896	4917	1.65			
0.32	27342	4379	1.88			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
1.1KW						
0.26	34904	5395	0.99	MJ	169 MD99	4P
0.29	30154	4766	1.05	MJH	169 MD99	4P
0.34	26066	4079	1.20			
0.41	21654	3376	1.45			
0.51	17542	2755	1.80			
0.64	14308	2252	2.2	MJ	169 MD99	4P
0.82	11074	1704	2.8	MJH	169 MD99	4P
0.99	9352	1408	3.4			
1.1	8428	1296	3.7			
0.49	22246	3516	0.80	MJ	159 MD99	4P
0.46	19896	3059	0.90	MJF	159 MD99	4P
0.54	16366	2610	1.10	MJA	159 MD99	4P
0.66	14564	2322	1.20	MJAF	159 MD99	4P
0.84	10876	1659	1.65	MJ	159 MD99	4P
1.0	9000	1365	2.0	MJF	159 MD99	4P
1.1	7956	1229	2.3	MJA	159 MD99	4P
1.3	6957	1093	2.5	MJAF	159 MD99	4P
1.5	6027	942	2.9			
1.8	5400	854	3.3			
0.74	12898	1907	1.01	MJ	129 MD79	4P
0.81	11040	1739	1.11	MJF	129 MD79	4P
0.91	10296	1541	1.25	MJA	129 MD79	4P
1.0	8993	1329	1.41	MJAF	129 MD79	4P
1.2	7860	1177	1.60			
1.4	6796	1014	1.87			
1.6	6007	899	2.1			
1.8	5174	799	2.5			
2.0	4694	764	2.7			
2.3	4028	610	3.2			
2.6	3636	549	3.5			
2.9	3120	477	4.1			
1.2	7838	1166	1.00	MJ	109 MD79	4P
1.4	6921	1030	1.15	MJF	109 MD79	4P
1.6	5958	904	1.30	MJA	109 MD79	4P
1.9	5258	785	1.52	MJAF	109 MD79	4P
2.0	4645	696	1.70			
2.3	4057	615	1.95			
2.7	3440	522	2.3			
3.0	3028	461	2.6			
3.4	2696	408	2.9			
3.9	2421	364	3.2			
4.4	2107	318	3.7			
1.9	4069	743	0.85	MJ	99 MD59	4P
2.1	4371	652	0.95	MJF	99 MD59	4P
2.4	3619	573	1.10	MJA	99 MD59	4P
2.8	3361	504	1.25	MJAF	99 MD59	4P
3.2	2911	437	1.45			
3.7	2568	382	1.65			
4.1	2274	342	1.85			
3.0	3185	474	0.85	MJ	89 MD59	4P
3.3	2982	426	0.90	MJF	89 MD59	4P
3.8	2519	373	1.05	MJA	89 MD59	4P
4.2	2265	339	1.20	MJAF	89 MD59	4P
4.8	1970	294	1.35			
5.6	1695	256	1.55			
5.9	1597	236	1.65			
7.0	1362	205	1.90			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
1.1KW						
3.8	2622	176.04	1.55	MJ	99	6P
4.4	2260	153.21	1.80	MJF	99	6P
4.8	2090	140.29	1.95	MJA	99	6P
5.4	1843	123.94	2.2	MJAF	99	6P
5.2	1910	176.04	2.1	MJ	99	6P
6.0	1663	153.21	2.5	MJF	99	6P
6.6	1526	140.29	2.7	MJA	99	6P
7.4	1349	123.94	3.0	MJAF	99	6P
6.9	1254	176.04	3.3	MJ	99	4P
9.1	1003	153.21	3.7	MJF	99	4P
10	896	140.29	4.1	MJA	99	4P
				MJAF	99	4P
5.3	1891	174.19	1.35	MJ	89	6P
5.8	1788	164.34	1.45	MJF	89	6P
6.2	1596	147.33	1.60	MJA	89	6P
7.2	1375	126.91	1.85	MJAF	89	6P
8.0	1245	174.19	2.1	MJ	89	4P
8.5	1189	164.34	2.2	MJF	89	4P
9.5	1055	147.33	2.4	MJA	89	4P
11	903	126.91	2.8	MJAF	89	4P
12	827	115.82	3.1			
8.8	1463	135.28	1.66	MJ	70	6P
7.3	1393	127.32	1.06	MJF	79	6P
8.1	1235	113.56	1.20	MJA	79	6P
9.5	1058	97.65	1.40	MJAF	79	6P
10	969	135.28	1.55	MJ	70	4P
11	903	127.32	1.62	MJF	70	4P
12	808	113.56	1.86	MJA	79	4P
				MJAF	79	4P
14	694	97.65	2.1	MJ	79	4P
16	630	88.08	2.3	MJF	79	4P
15	556	78.07	2.7	MJA	79	4P
19	527	73.99	2.8	MJAF	79	4P
11	770	106.03	1.08	MJ	60	4P
14	723	101.43	1.06	MJF	69	4P
16	641	90.04	1.20	MJA	69	4P
18	546	76.37	1.45	MJAF	69	4P
20	489	68.95	1.60			
23	432	60.60	1.80	MJ	60	4P
24	409	57.28	1.90	MJF	69	4P
29	347	48.77	2.2	MJA	69	4P
32	318	44.52	2.5	MJAF	69	4P
30	276	38.39	2.8			
16	641	90.26	0.99	MJ	59	4P
18	546	76.56	1.05	MJF	59	4P
20	494	69.12	1.15	MJA	59	4P
23	432	60.61	1.30	MJAF	59	4P
28	409	57.42	1.40			
29	347	48.69	1.65			
32	318	44.63	1.80			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
1.1KW						
36	278	38.49	2.9	MJ	59	4P
39	257	35.76	2.2	MJF	59	4P
46	214	30.29	2.6	MJA	59	4P
51	196	27.34	2.9	MJAF	59	4P
58	172	24.05	3.3			
62	162	22.71	3.5			
72	138	19.34	4.9			
85	125	17.57	4.2			
93	106	15.22	4.7			
100	94	13.25	5.1			
117	80	11.92	4.6			
124	81	11.28	4.9			
148	69	9.59	5.8			
161	62	8.71	6.6			
186	54	7.55	6.5			
213	47	6.57	7.0			
25	404	56.03	0.95	MJ	49	4P
29	347	48.05	1.10	MJF	49	4P
30	329	46.04	1.15	MJA	49	4P
				MJAF	49	4P
35	280	39.01	1.35	MJ	49	4P
40	252	35.30	1.50	MJF	49	4P
45	223	31.39	1.70	MJA	49	4P
48	209	29.32	1.80	MJAF	49	4P
54	184	25.91	2.1			
64	156	21.89	2.4			
72	149	19.58	2.7			
47	214	29.96	0.99	MJ	39	4P
56	179	24.99	1.05	MJF	39	4P
60	166	23.30	1.10	MJA	39	4P
69	144	20.09	1.20	MJAF	39	4P
82	123	17.15	1.40			
91	109	15.32	1.50			
107	93	13.08	1.70			
115	86	12.04	1.75			
133	75	10.49	2.0			
157	64	8.91	2.4			
178	57	7.96	2.6			
206	49	6.80	2.9			
220	46	6.37	3.0			
261	39	5.30	3.5			
1.5KW						
0.21	59584	6747	0.80	MJ	109 MD99	4P
0.24	52528	5991	0.95	MJH	109 MD99	4P
0.26	46648	5358	1.05			
0.29	41650	4817	1.20			
0.32	37828	4370	1.30			
0.39	32438	3686	1.50	MJ	109 MD99	4P
0.44	27448	3062	1.80	MJH	109 MD99	4P
0.56	22344	2589	2.2			
0.62	19992	2268	2.5			
0.35	31060	4079	0.85	MJ	109 MD99	4P
0.42	25890	3370	1.05	MJH	109 MD99	4P
0.51	24096	2755	1.30			
0.65	19600	2182	1.60	MJ	109 MD99	4P
0.83	15930	1754	2.1	MJH	109 MD99	4P
1.0	12942	1408	2.5			
1.1	11504	1296	2.7			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
1.5KW						
0.61	20690	2322	0.90	MJ	159 MD99	4P
				MJF	159 MD99	4P
				MJA	159 MD99	4P
				MJAF	159 MD99	4P
0.65	34890	9659	1.26	MJ	159 MD99	4P
1.0	12152	1365	1.45	MJF	159 MD99	4P
1.2	10879	1229	1.65	MJA	159 MD99	4P
1.3	9643	1093	1.85	MJAF	159 MD99	4P
1.5	8310	942	2.1			
1.7	7427	854	2.4			
2.5	4960	567	3.6			
2.6	4371	504	4.0			
2.6	4703	536	2.7	MJ	129 MD89	4P
3.4	3724	418	3.4	MJF	129 MD89	4P
3.8	3283	367	3.9	MJA	129 MD89	4P
				MJAF	129 MD89	4P
0.81	15907	1739	0.81	MJ	129 MD79	4P
0.91	14014	1540	0.90	MJF	129 MD79	4P
1.1	12122	1326	1.06	MJA	129 MD79	4P
1.2	10682	1177	1.20	MJAF	129 MD79	4P
1.4	9259	1014	1.38			
1.6	8103	899	1.55			
1.8	7095	760	1.69			
2.0	6360	704	2.0			
2.3	5568	610	2.3			
2.6	4976	549	2.6			
3.0	4293	477	3.0			
3.4	3753	418	3.4			
1.4	9330	1030	0.85	MJ	109 MD79	4P
1.6	8154	904	0.95	MJF	109 MD79	4P
1.8	7169	785	1.11	MJA	109 MD79	4P
2.0	6341	696	1.25	MJAF	109 MD79	4P
2.3	5557	615	1.46			
2.7	4714	522	1.65			
3.1	4145	461	1.90			
3.5	3645	408	2.1			
3.9	3363	364	2.4			
4.4	2881	318	2.7			
2.5	5312	573	0.80	MJ	99 MD59	4P
2.8	4585	504	0.90			
3.2	3989	437	1.05	MJF	99 MD59	4P
3.7	3499	382	1.20	MJA	99 MD59	4P
4.1	3097	342	1.35			
4.6	2822	305	1.50			
5.5	2361	256	1.75	MJAF	99 MD59	4P
6.1	2146	232	1.95			
7.1	1833	199	2.3			
4.3	3909	330	0.90	MJ	89 MD59	4P
4.8	2885	294	1.00	MJF	89 MD59	4P
5.6	2313	250	1.95	MJA	89 MD59	4P
6.0	2185	238	1.20	MJAF	89 MD59	4P
7.0	1852	201	1.45			
7.7	1666	183	1.55			
4.9	3753	143.47	2.7	MJ	109	6P
5.8	2366	121.46	3.2	MJF	109	6P
6.2	2185	112.41	3.5	MJA	109	6P
				MJAF	109	6P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
1.5KW						
4.6	2683	153.21	1.35	MJ	80	6P
5.0	2227	140.29	1.50	MJF	80	6P
5.7	2483	123.94	1.70	MJA	80	6P
				MJAF	80	6P
5.2	2693	176.04	1.55	MJ	80	6P
6.0	2271	153.21	1.80	MJF	80	6P
6.6	2071	140.29	1.95	MJA	80	6P
7.4	1834	123.94	2.2	MJAF	80	6P
8.8	1701	176.04	2.4	MJ	80	4P
9.2	1462	153.21	2.8	MJF	80	4P
10	1359	140.29	3.0	MJA	80	4P
11	1197	123.94	3.4	MJAF	80	4P
9.2	2176	147.33	1.20	MJ	80	6P
7.2	1881	126.91	1.35	MJF	80	6P
7.9	1710	115.62	1.50	MJA	80	6P
9.0	1525	102.71	1.70	MJAF	80	6P
8.1	1882	174.19	1.55	MJ	80	4P
8.8	1587	164.34	1.80	MJF	80	4P
9.6	1425	147.33	1.80	MJA	80	4P
11	1226	126.91	2.1	MJAF	80	4P
12	1121	115.62	2.3			
14	988	102.71	2.6			
16	836	86.34	3.1			
8.1	1682	113.56	0.90	MJ	79	6P
9.5	1435	97.05	1.05	MJF	79	6P
10	1397	88.09	1.11	MJA	79	6P
12	1159	78.67	1.30	MJAF	79	6P
10	1382	135.28	1.15	MJ	79	4P
11	1233	127.32	1.21	MJF	79	4P
12	1093	113.56	1.35	MJA	79	4P
15	941	97.05	1.55	MJAF	79	4P
16	846	88.09	1.72			
18	755	79.67	1.65	MJ	79	4P
19	711	73.99	2.1	MJF	79	4P
22	629	64.76	2.4	MJA	79	4P
24	565	58.34	2.6	MJAF	79	4P
28	494	51.19	3.6			
31	437	45.16	3.4			
35	395	40.04	3.8			
16	665	90.04	0.90	MJ	69	4P
18	736	76.37	1.05	MJF	69	4P
20	665	68.95	1.15	MJA	69	4P
23	584	60.66	1.35	MJAF	69	4P
25	551	57.25	1.40			
29	470	48.77	1.65			
32	426	44.32	1.60	MJ	69	4P
37	371	38.39	2.1	MJF	69	4P
40	342	35.61	2.3	MJA	69	4P
47	298	30.21	2.7	MJAF	69	4P
12	201	27.27	3.8			
59	233	23.99	3.3			
23	569	66.81	0.95	MJ	59	4P
25	556	57.42	1.05	MJF	59	4P
29	470	48.59	1.20	MJA	59	4P
32	426	44.43	1.35	MJAF	59	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
1.5KW						
37	371	38.49	1.55	MJ	59	4P
39	342	35.70	1.65	MJF	59	4P
47	295	30.21	1.90	MJA	59	4P
52	266	27.34	2.2	MJAF	59	4P
59	233	24.05	2.5			
62	219	22.71	2.6			
73	186	19.34	2.9			
36	380	39.61	1.00	MJ	40	4P
40	342	35.30	1.10	MJF	40	4P
45	304	31.39	1.25	MJA	40	4P
				MJAF	40	4P
48	265	29.32	1.35	MJ	40	4P
54	252	25.91	1.50	MJF	40	4P
65	209	21.81	1.80	MJA	40	4P
72	189	19.58	2.0	MJAF	40	4P
84	162	16.86	2.2			
93	153	15.86	2.4			
103	132	13.65	2.6			
116	118	12.19	2.8			
120	114	11.77	2.3			
80	223	23.39	0.65	MJ	39	4P
70	195	20.19	0.90	MJF	39	4P
82	165	17.15	1.05	MJA	39	4P
92	148	15.32	1.10	MJAF	39	4P
108	126	13.08	1.25			
116	117	12.14	1.30			
134	102	10.49	1.50			
166	86	8.91	1.75			
177	77	7.96	1.90			
207	66	6.80	2.2			
221	62	6.37	2.2			
253	52	5.36	2.6			
2.2KW						
0.32	59548	4330	0.85	MJ	100 MD99	4P
0.58	35672	2619	1.40	MJH	100 MD99	4P
0.39	48020	3606	1.00	MJ	100 MD99	4P
0.46	40768	3062	1.20	MJH	100 MD99	4P
0.56	33320	2569	1.45			
0.62	29782	2268	1.65			
0.69	26952	2054	1.80			
0.77	23780	1821	2.1			
0.88	20972	1605	2.3			
0.54	35966	2755	0.65	MJ	100 MD99	4P
0.62	29519	2263	1.10	MJH	100 MD99	4P
0.65	20039	2182	1.10	MJ	100 MD99	4P
0.83	22038	1704	1.40	MJH	100 MD99	4P
1.0	18781	1456	1.65			
1.1	17150	1296	1.80			
1.3	14368	1101	2.2			
1.5	12348	944	2.5			
0.85	22050	1659	0.89	MJ	150 MD99	4P
1.0	18032	1365	1.00			
1.2	16170	1229	1.10	MJF	150 MD99	4P
1.3	14466	1093	1.25	MJA	150 MD99	4P
1.5	12446	940	1.40			
1.7	11172	854	1.60	MJAF	150 MD99	4P
1.9	9882	756	1.80			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
2.2KW						
2.8	7056	536	1.80	MJ	129 MD99	4P
3.0	6174	473	2.1			
3.4	5557	416	2.3	MJF	129 MD99	4P
3.8	4871	367	2.6	MJA	129 MD99	4P
4.3	4371	330	2.9	MJAF	129 MD99	4P
1.4	13670	1014	0.99	MJ	129 MD79	4P
1.6	12954	869	1.05	MJF	129 MD79	4P
1.8	10486	796	1.20	MJA	129 MD79	4P
2.0	9467	704	1.35	MJAF	129 MD79	4P
2.3	8163	616	1.55			
2.6	7360	549	1.75			
3.0	6390	477	2.0			
3.4	5606	418	2.3			
2.3	8222	615	0.95	MJ	100 MD79	4P
2.7	6978	522	1.19	MJF	100 MD79	4P
3.1	6145	461	1.30	MJA	100 MD79	4P
3.5	5429	408	1.45	MJAF	100 MD79	4P
3.9	4880	364	1.60			
4.4	4263	318	1.85			
4.9	3832	286	2.0			
5.6	3351	251	2.3			
3.7	5155	382	0.88	MJ	99 MD59	4P
4.1	4590	342	0.98	MJF	99 MD59	4P
4.8	4155	305	1.00	MJA	99 MD59	4P
5.5	3508	256	1.20	MJAF	99 MD59	4P
6.1	3158	232	1.35			
7.1	2705	199	1.55			
4.9	4035	143.47	1.85	MJ	100	6P
5.8	3408	121.46	2.2	MJF	100	6P
6.2	3232	152.41	2.4	MJA	100	6P
7.0	2859	101.75	2.7	MJAF	100	6P
6.1	3249	153.21	1.25	MJ	99	6P
6.7	2953	140.29	1.35	MJF	99	6P
7.6	2632	123.94	1.55	MJA	99	6P
8.8	2253	106.13	1.85	MJAF	99	6P
8.8	2489	176.04	1.65	MJ	99	4P
9.2	2166	153.21	1.90	MJF	99	4P
10	1996	140.29	2.1	MJA	99	4P
11	1758	123.94	2.3	MJAF	99	4P
13	1492	106.13	2.8	MJ	99	4P
15	1308	96.01	3.0	MJF	99	4P
				MJA	99	4P
				MJAF	99	4P
9.6	2030	147.33	1.25	MJ	89	4P
11	1796	126.91	1.45	MJF	89	4P
12	1644	115.62	1.55	MJA	89	4P
				MJAF	89	4P
14	1454	102.71	1.75	MJ	89	4P
16	1226	86.34	2.1	MJF	89	4P
18	1121	79.54	2.3	MJA	89	4P
20	999	70.46	2.6	MJAF	89	4P
22	893	63.00	2.9			
12	1606	113.56	0.90	MJ	79	4P
15	1378	97.05	1.05	MJF	79	4P
16	1251	88.09	1.16	MJA	79	4P
18	1102	78.67	1.35	MJAF	79	4P
19	1045	73.90	1.40			
22	912	64.76	1.60			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
2.2KW						
24	827	58.34	1.88	MJ	79	4P
28	727	51.19	2.0	MJF	79	4P
31	641	45.16	2.3	MJA	79	4P
35	565	40.04	2.6	MJAF	79	4P
40	494	34.84	3.0			
46	437	30.88	3.4			
48	413	29.26	3.6			
55	361	25.61	4.1			
23	855	60.66	2.00	MJ	69	4P
25	808	57.28	2.05	MJF	69	4P
29	699	49.77	1.95	MJA	69	4P
32	627	44.32	1.25	MJAF	69	4P
37	542	38.39	1.40			
40	504	35.81	1.55			
47	429	30.21	1.80			
53	385	27.27	2.0	MJ	69	4P
59	342	23.99	2.2	MJF	69	4P
62	323	22.66	2.3	MJA	69	4P
73	271	19.20	2.6	MJAF	69	4P
83	247	17.53	2.9			
93	214	15.19	3.1			
107	187	13.22	3.4			
113	177	12.48	2.9			
133	150	10.63	3.2			
146	137	9.66	3.3			
169	119	8.37	3.5			
194	104	7.26	3.9			
32	627	44.43	0.90	MJ	59	4P
37	548	38.49	1.05	MJF	59	4P
39	504	35.70	1.10	MJA	59	4P
47	428	30.28	1.35	MJAF	59	4P
53	385	27.34	1.45	MJ	59	4P
59	342	24.05	1.65	MJF	59	4P
62	323	22.71	1.75	MJA	59	4P
73	276	19.34	2.0	MJAF	59	4P
89	247	17.57	2.1			
93	214	15.22	2.4			
106	187	13.25	2.6			
118	169	11.92	2.3			
125	160	11.26	2.5			
54	366	25.91	1.05	MJ	49	4P
65	309	21.81	1.25	MJF	49	4P
72	276	19.58	1.35	MJA	49	4P
				MJAF	49	4P
84	238	16.86	1.50	MJ	49	4P
89	223	15.86	1.60	MJF	49	4P
103	195	13.65	1.75	MJA	49	4P
116	173	12.19	1.95	MJAF	49	4P
120	166	11.77	1.60			
133	149	10.56	1.69			
155	129	9.10	2.1			
108	185	13.08	0.80	MJ	39	4P
134	148	10.49	1.00	MJF	39	4P
158	126	8.91	1.20	MJA	39	4P
177	113	7.96	1.36	MJAF	39	4P
207	96	6.80	1.59			
221	90	6.37	1.55			
263	76	5.36	1.75			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
3KW					
0.38	49764	2600	1.00	MJ 169MD99	4P
				MJH 169MD99	4P
0.46	50350	3682	0.85	MJ 169MD99	4P
0.56	46158	2519	1.05	MJH 169MD99	4P
0.62	41350	2268	1.20		
0.68	37338	2054	1.30		
0.77	32928	1821	1.50		
0.87	29204	1665	1.70		
1.0	24900	1395	1.95		
1.2	21656	1196	2.3		
0.82	31262	1704	1.00	MJ 169MD99	4P
0.99	25872	1408	1.20	MJH 169MD99	4P
1.1	23814	1290	1.30		
1.3	19894	1101	1.55		
1.5	17150	944	1.85		
1.7	15092	843	2.1		
1.9	13622	757	2.3		
1.1	22442	1229	0.80	MJ 159MD99	4P
1.3	19992	1093	0.90	MJF 159MD99	4P
1.5	17248	942	1.05	MJA 159MD99	4P
1.6	15484	854	1.15	MJAF 159MD99	4P
1.9	13524	756	1.30		
2.5	10290	567	1.70		
2.8	9124	504	1.95		
2.6	9996	536	1.30	MJ 129MD99	4P
3.0	8585	473	1.50	MJF 129MD99	4P
3.4	7703	418	1.65	MJA 129MD99	4P
3.8	6742	367	1.80	MJAF 129MD99	4P
4.2	6047	330	2.1		
4.8	5194	287	2.5		
1.8	14504	798	0.90	MJ 129MD79	4P
2.0	13034	704	1.00	MJF 129MD79	4P
2.3	11270	610	1.15	MJA 129MD79	4P
2.6	10192	549	1.25	MJAF 129MD79	4P
2.9	8795	477	1.45		
3.4	7742	418	1.65		
3.0	8467	465	0.90	MJ 109MD79	4P
3.4	7567	408	1.05	MJF 109MD79	4P
3.9	6733	364	1.15	MJA 109MD79	4P
4.4	5880	318	1.35	MJAF 109MD79	4P
4.9	5292	288	1.50		
5.6	4635	251	1.70		
6.3	4067	222	1.90		
7.1	3616	196	2.2		
8.1	3234	174	2.2		
9.1	2862	154	2.5		
10	2597	140	2.7		
5.4	4831	258	0.85	MJ 99MD59	4P
6.0	4361	232	0.95	MJF 99MD59	4P
7.0	3734	199	1.15	MJA 99MD59	4P
				MJAF 99MD59	4P
5.8	5425	143.47	1.40	MJ 109	6P
5.9	4589	121.46	1.65	MJF 109	6P
6.4	4247	112.41	1.80	MJA 109	6P
7.2	3810	100.75	2.0	MJAF 109	6P
7.9	3439	90.96	2.2		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
3KW					
6.5	4152	143.47	1.85	MJ 109	6P
7.7	3515	121.46	2.2	MJF 109	6P
8.4	3259	112.41	2.3	MJA 109	6P
9.3	2917	100.75	2.6	MJAF 109	6P
9.8	2759	143.47	2.7	MJ 109	4P
12	2360	121.46	3.2	MJF 109	4P
				MJA 109	4P
				MJAF 109	4P
7.6	3591	123.94	1.15	MJ 99	6P
8.9	3040	105.13	1.35	MJF 99	6P
9.7	2803	96.81	1.45	MJA 99	6P
11	2508	80.51	1.65	MJAF 99	6P
8.0	3420	176.64	1.20	MJ 99	4P
9.1	2983	153.21	1.35	MJF 99	4P
10	2727	140.29	1.50	MJA 99	4P
11	2413	123.94	1.70	MJAF 99	4P
13	2043	100.13	2.0	MJ 99	4P
14	1881	96.81	2.2	MJF 99	4P
16	1682	80.51	2.4	MJA 99	4P
18	1511	77.89	2.7	MJAF 99	4P
20	1368	70.53	3.0		
22	1216	62.55	3.4		
25	1102	56.50	3.7		
9.5	2660	147.33	0.99	MJ 89	4P
11	2470	126.91	1.05	MJF 89	4P
12	2252	115.82	1.15	MJA 89	4P
14	1995	102.71	1.30	MJAF 89	4P
16	1682	86.34	1.55	MJ 89	4P
18	1539	78.34	1.65	MJF 89	4P
20	1368	70.46	1.85	MJA 89	4P
22	1226	63.60	2.1	MJAF 89	4P
25	1102	56.64	2.3		
28	980	49.16	2.7		
32	855	44.02	2.9		
36	708	36.52	3.4		
16	1712	88.05	0.88	MJ 79	4P
18	1529	78.07	0.95	MJF 79	4P
19	1435	73.93	1.00	MJA 79	4P
22	1264	64.76	1.15	MJAF 79	4P
24	1131	58.34	1.30		
27	998	51.98	1.50		
31	934	45.16	1.70	MJ 79	4P
35	779	40.04	1.90	MJF 79	4P
40	677	34.84	2.2	MJA 79	4P
45	590	30.85	2.5	MJAF 79	4P
32	865	44.32	0.88	MJ 69	4P
36	746	38.33	1.00	MJF 69	4P
39	694	35.61	1.15	MJA 69	4P
46	589	30.21	1.30	MJAF 69	4P
51	532	27.27	1.45		
58	466	23.93	1.65		
62	442	22.60	1.70	MJ 69	4P
71	375	19.29	1.95	MJF 69	4P
80	342	17.53	2.1	MJA 69	4P
92	295	15.19	2.3	MJAF 69	4P
106	257	13.22	2.5		
112	242	12.48	2.1		
132	209	10.63	2.3		
145	188	9.66	2.4		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
3KW					
48	589	30.28	0.95	MJ 59	4P
51	532	27.34	1.05	MJF 59	4P
58	466	24.05	1.20	MJA 59	4P
				MJAF 59	4P
62	442	22.71	1.30	MJ 59	4P
72	375	19.34	1.45	MJF 59	4P
80	342	17.57	1.55	MJA 59	4P
92	295	15.22	1.70	MJAF 59	4P
100	257	13.25	1.90		
117	233	11.92	1.70		
124	219	11.28	1.80		
146	188	9.59	2.1		
161	169	8.71	2.2		
186	146	7.55	2.4		
213	127	6.57	2.6		
72	380	19.58	1.00	MJ 49	4P
83	329	16.86	1.10	MJF 49	4P
88	309	15.96	1.15	MJA 49	4P
				MJAF 49	4P
103	266	13.65	1.30	MJ 49	4P
115	238	12.19	1.40	MJF 49	4P
119	228	11.77	1.15	MJA 49	4P
133	204	10.56	1.30	MJAF 49	4P
154	177	9.10	1.50		
164	166	8.50	1.55		
190	143	7.36	1.65		
213	128	6.58	1.80		
249	109	5.62	2.0		
157	173	8.91	0.98	MJ 39	4P
176	155	7.96	0.95	MJF 39	4P
200	132	6.80	1.10	MJA 39	4P
220	124	6.37	1.10	MJAF 39	4P
261	105	5.30	1.30		
4KW					
1.7	19898	835	2.5	MJ 169MD109	4P
2.7	12348	526	4.0	MJH 169MD109	4P
0.58	63056	2509	0.80	MJ 169MD99	4P
0.63	54782	2268	0.90	MJH 169MD99	4P
0.69	49490	2054	1.00		
0.79	43708	1821	1.10		
0.88	38612	1665	1.25		
1.0	33222	1395	1.50		
1.2	28714	1196	1.70		
1.4	25088	1046	1.95		
1.5	22638	945	2.2		
1.0	34202	1408	0.90	MJ 169MD99	4P
1.1	31458	1290	1.00	MJH 169MD99	4P
1.3	26362	1101	1.20		
1.5	22736	944	1.40		
1.7	20090	843	1.55		
1.9	18130	757	1.75		
2.2	15190	632	2.1		
1.7	20580	854	0.85	MJ 159MD99	4P
1.9	17934	756	1.00	MJF 159MD99	4P
2.5	13622	567	1.30	MJA 159MD99	4P
2.8	12054	504	1.45	MJAF 159MD99	4P
3.3	10290	434	1.70		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
4KW					
2.6	12536	536	1.00	MJ 129MD99	4P
3.0	11368	473	1.10	MJF 129MD99	4P
3.4	10192	418	1.25	MJA 129MD99	4P
3.9	8908	367	1.45	MJAF 129MD99	4P
4.3	7997	330	1.60		
5.0	6860	297	1.85		
5.6	6066	253	2.1		
2.3	14896	610	0.85	MJ 129MD79	4P
2.6	13426	549	0.95	MJF 129MD79	4P
3.0	11564	477	1.10	MJA 129MD79	4P
3.4	10192	418	1.25	MJAF 129MD79	4P
3.9	8869	364	0.90	MJ 109MD79	4P
4.5	7752	318	1.00	MJF 109MD79	4P
5.0	6978	288	1.10	MJA 109MD79	4P
5.7	6115	251	1.30	MJAF 109MD79	4P
6.4	5390	222	1.45		
7.2	4773	196	1.65		
8.2	4273	174	1.65		
9.2	3763	154	1.85		
10	3430	140	2.1		
7.1	4920	199	0.85	MJ 99MD59	4P
				MJF 99MD59	4P
				MJA 99MD59	4P
				MJAF 99MD59	4P
5.5	6859	136.14	1.60	MJ 129	6P
5.9	6375	122.48	2.0	MJF 129	6P
6.5	5558	110.18	2.2	MJA 129	6P
				MJAF 129	6P
6.6	5520	146.07	2.2	MJ 129	6P
7.0	5149	136.14	2.4	MJF 129	6P
7.8	4627	122.48	2.7	MJA 129	6P
8.7	4161	110.18	3.0	MJAF 129	6P
6.4	5862	112.41	1.35	MJ 109	6P
7.2	5073	100.75	1.50	MJF 109	6P
7.9	4580	90.96	1.65	MJA 109	6P
8.7	4161	82.61	1.85	MJAF 109	6P
6.7	5425	143.47	1.40	MJ 109	6P
7.9	4580	121.46	1.65	MJF 109	6P
8.5	4247	112.41	1.80	MJA 109	6P
9.5	3810	100.75	2.0	MJAF 109	6P
11	3439	90.96	2.2		
9.9	3887	143.47	2.1	MJ 109	4P
12	3107	121.46	2.5	MJF 109	4P
13	2869	112.41	2.7	MJA 109	4P
14	2575	100.75	3.0	MJAF 109	4P
16	2328	90.96	3.3		
17	2109	82.61	3.0		
19	1872	73.30	4.1		
9.3	3994	153.21	1.05	MJ 99	4P
10	3582	140.29	1.15	MJF 99	4P
11	3164	123.94	1.30	MJA 99	4P
				MJAF 99	4P
14	2689	100.13	1.50	MJ 99	4P
15	2470	96.81	1.65	MJF 99	4P
16	2214	80.51	1.65	MJA 99	4P
18	1995	77.89	2.1	MJAF 99	4P
20	1805	70.53	2.3		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
4KW						
12	2064	115.82	0.85	MJ	80	4P
14	2022	102.71	1.00	MJF	80	4P
16	2204	86.34	1.15	MJA	80	4P
18	2024	79.34	1.25	MJAF	80	4P
20	1885	70.46	1.40	MJ	80	4P
23	1696	63.00	1.60	MJF	80	4P
25	1444	56.04	1.75	MJA	80	4P
29	1254	49.16	2.0	MJAF	80	4P
32	1121	44.02	2.3			
39	931	36.52	2.5			
22	1653	64.76	0.90	MJ	70	4P
24	1492	58.34	1.00	MJF	70	4P
28	1301	51.18	1.15	MJA	70	4P
31	1150	45.16	1.30	MJAF	70	4P
35	1026	40.04	1.45			
37	979	38.39	1.45			
40	869	34.04	1.67	MJ	70	4P
46	789	30.88	1.85	MJF	70	4P
49	746	29.26	1.95	MJA	70	4P
55	656	25.61	2.3	MJAF	70	4P
62	569	23.09	2.5			
70	511	20.24	2.8			
47	779	30.21	1.00	MJ	60	4P
52	698	27.27	1.10	MJF	60	4P
59	613	23.99	1.25	MJA	60	4P
69	560	22.66	1.30	MJAF	60	4P
74	494	19.29	1.45	MJ	60	4P
81	447	17.53	1.55	MJF	60	4P
94	366	15.19	1.70	MJA	60	4P
107	337	13.22	1.90	MJAF	60	4P
114	318	12.48	1.60			
134	271	10.63	1.75			
147	247	9.66	1.85			
170	214	8.37	1.95			
195	186	7.28	2.1			
59	613	24.85	0.95	MJ	50	4P
63	580	22.71	1.00	MJF	50	4P
73	494	19.34	1.15	MJA	50	4P
81	451	17.57	1.15	MJAF	50	4P
93	390	15.22	1.30			
107	337	13.25	1.45			
129	304	11.92	1.30			
126	200	11.26	1.35			
148	247	9.59	1.55			
163	223	8.71	1.65			
186	195	7.55	1.80			
216	168	6.57	1.93			
5.5KW						
0.79	60074	1821	0.80	MU	160	MD99 4P
0.89	53916	1605	0.90	MUH	160	MD99 4P
1.0	45788	1395	1.05			
1.2	39484	1196	1.25			
1.4	34400	1048	1.40			
1.5	31068	945	1.60			
1.9	24304	738	2.0			
2.3	20084	621	2.4			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
5.5KW						
1.3	36358	1101	0.85	MU	160	MD99 4P
1.5	31262	944	1.00	MUH	160	MD99 4P
1.7	27636	843	1.15			
1.9	24692	757	1.25			
2.3	20974	632	1.50			
2.6	18326	561	1.70			
3.0	15975	481	2.0			
3.4	13819	423	2.3			
2.2	21569	661	0.89	MU	150	MD99 4P
2.5	18716	567	0.95	MUF	150	MD99 4P
2.8	16660	504	1.05	MUA	150	MD99 4P
3.3	14210	434	1.25	MUAF	150	MD99 4P
3.8	12348	378	1.45			
4.3	10978	333	1.60			
3.4	14014	418	0.99	MU	120	MD80 4P
3.9	12250	362	1.05	MUF	120	MD80 4P
4.3	10978	330	1.15	MUA	120	MD80 4P
5.0	9457	287	1.35	MUAF	120	MD80 4P
5.6	8369	253	1.50			
6.7	7027	213	1.80			
7.1	6693	200	1.75			
8.6	5547	166	2.1			
9.8	4660	147	2.4			
6.5	7389	222	1.05	MU	100	MD70 4P
7.5	6546	196	1.20	MUF	100	MD70 4P
8.2	5851	174	1.20	MUA	100	MD70 4P
9.3	5174	154	1.35	MUAF	100	MD70 4P
10	4704	148	1.50			
4.7	10545	150.41	1.60	MU	150	6P
5.6	8558	122.39	2.0	MUF	150	6P
7.1	7046	100.22	2.4	MUA	150	6P
7.8	6441	91.65	2.7	MUAF	150	6P
5.2	9505	136.14	1.30	MU	120	6P
5.8	8607	122.48	1.45	MUF	120	6P
6.4	7743	110.18	1.60	MUA	120	6P
7.0	6318	89.89	1.95	MUAF	120	6P
7.0	7078	136.14	1.75	MU	120	6P
7.8	6305	122.48	1.95	MUF	120	6P
8.7	5728	110.18	2.2	MUA	120	6P
11	4634	89.89	2.6	MUAF	120	6P
8.5	5643	152.41	1.30	MU	100	6P
9.5	5235	100.75	1.45	MUF	100	6P
11	4738	90.96	1.60	MUA	100	6P
12	4294	82.61	1.75	MUAF	100	6P
10	5007	143.47	1.56	MU	100	4P
12	4237	121.46	1.80	MUF	100	4P
13	3924	112.41	1.95	MUA	100	4P
14	3515	100.75	2.2	MUAF	100	4P
16	3173	90.90	2.4			
17	2879	82.61	2.6			
12	4323	123.94	0.99	MU	90	4P
14	3667	105.03	1.18	MUF	90	4P
15	3352	96.81	1.28	MUA	90	4P
17	3021	86.51	1.35	MUAF	90	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
5.5KW						
16	2707	77.89	1.50	MU	80	4P
20	2451	70.53	1.65	MUF	80	4P
23	2185	62.55	1.85	MUA	80	4P
25	1976	56.56	2.0	MUAF	80	4P
30	1672	47.93	2.4			
17	3012	86.34	0.85	MU	80	4P
18	2765	79.34	0.95	MUF	80	4P
20	2461	70.46	1.05	MUA	80	4P
23	2195	63.00	1.15	MUAF	80	4P
20	1976	56.04	1.30			
29	1720	49.16	1.50	MU	70	4P
32	1539	44.02	1.60	MUF	70	4P
39	1273	36.52	1.85	MUA	70	4P
46	1093	31.38	2.3	MUAF	70	4P
51	969	27.87	2.5			
32	1577	45.16	0.95	MU	70	4P
36	1397	40.04	1.05	MUF	70	4P
46	1074	30.88	1.35	MUA	70	4P
49	1017	29.26	1.45	MUAF	70	4P
56	893	25.61	1.65			
62	809	23.09	1.85	MU	70	4P
71	709	20.24	2.0	MUF	70	4P
80	622	17.86	2.2	MUA	70	4P
93	551	15.84	2.4	MUAF	70	4P
108	479	13.52	2.7			
116	432	12.36	2.2			
132	380	10.84	2.5			
60	838	23.09	0.99	MU	60	4P
63	799	22.00	0.95	MUF	60	4P
74	675	19.29	1.05	MUA	60	4P
82	613	17.53	1.15	MUAF	60	4P
94	532	15.19	1.25			
109	461	13.22	1.40			
115	437	12.48	1.15	MU	60	4P
135	371	10.53	1.30	MUF	60	4P
149	337	9.66	1.35	MUA	60	4P
171	293	8.37	1.45	MUAF	60	4P
199	252	7.28	1.55			
7.5KW						
17	37438	835	1.30	MU	160	MD100 4P
20	32596	729	1.50	MUH	160	MD100 4P
23	27734	622	1.70			
12	54066	1196	0.99	MU	160	MD99 4P
14	47236	1046	1.05	MUH	160	MD99 4P
15	40630	945	1.15			
19	33320	736	1.45			
23	28028	621	1.75			
27	23716	527	2.1			
17	37826	843	0.85	MU	100	MD99 4P
19	34202	757	0.88	MUH	100	MD99 4P
23	28516	632	1.10			
26	25096	561	1.25			
30	21756	481	1.45			
34	19012	423	1.65			
39	16562	369	1.90			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
7.5KW						
3.3	99502	434	0.90	MU	150	MD99 4P
3.6	87052	379	1.05	MUF	150	MD99 4P
4.3	74504	333	1.20	MUA	150	MD99 4P
4.9	63034	291	1.35	MUAF	150	MD99 4P
4.3	94004	330	0.85	MU	120	MD89 4P
5.0	82500	287	1.00	MUF	120	MD89 4P
5.6	71486	253	1.10	MUA	120	MD89 4P
6.7	59633	213	1.30	MUAF	120	MD89 4P
7.1	55173	200	1.30			
8.6	45565	166	1.55			
9.8	39703	147	1.75			
4.4	95580	164.50	1.05	MU	100	6P
5.3	82730	134.09	2.4	MUH	100	6P
5.8	79885	164.50	2.6	MU	100	6P
7.1	66565	134.09	3.2	MUH	100	6P
6.4	90640	150.41	1.60	MU	150	6P
7.8	8674	122.39	1.95	MUF	150	6P
9.6	7106	100.22	2.4	MUA	150	6P
10	6468	91.65	2.6	MUAF	150	6P
12	5853	79.75	3.0			
7.9	9880	136.14	1.30	MU	120	6P
7.8	8683	122.48	1.40	MUF	120	6P
8.7	7893	110.18	1.60	MUA	120	6P
11	6375	89.89	1.95	MUAF	120	6P
9.8	8864	146.07	1.60	MU	120	4P
11	8479	136.14	1.90	MUF	120	4P
12	5824	122.48	2.1	MUA	120	4P
13	5244	110.18	2.4	MUAF	120	4P
15	4275	89.89	2.9			
17	3995	81.59	3.2			
20	3373	70.85	3.7			
10	6801	143.47	1.50	MU	100	4P
12	5770	121.46	1.30	MUF	100	4P
13	5349	112.41	1.40	MUA	100	4P
				MUAF	100	4P
14	4758	100.75	1.60	MU	100	6P
15	4332	90.96	1.75	MUF	100	6P
17	3900	82.61	1.95	MUA	100	6P
20	3447	73.00	2.2	MUAF	100	6P
22	3164	66.52	2.4			
25	2717	57.17	2.8			
29	2375	49.90	3.1			
34	2014	42.33	3.5			
39	1758	37.00	3.9			
15	4668	90.85	0.90	MU	90	4P
17	4114	86.53	1.00	MUF	90	4P
18	3705	77.69	1.10	MUA	90	4P
20	3354	70.53	1.20	MUAF	90	4P
23	2974	62.55	1.35			
25	2669	56.56	1.50	MU	90	4P
30	2280	47.93	1.80	MUF	90	4P
34	1995	41.95	2.1	MUA	90	4P
37	1824	38.29	2.2	MUAF	90	4P
42	1625	34.22	2.5			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
7.5KW						
23	3002	63.00	0.85	MJ	89	4P
25	2666	58.64	0.95	MJF	89	4P
29	2337	49.95	1.10	MJA	89	4P
32	2060	44.02	1.20	MJAF	89	4P
39	1739	36.52	1.35			
40	1462	31.38	1.70	MJ	89	4P
51	1339	27.57	1.85	MJF	89	4P
57	1159	24.92	2.0	MJA	89	4P
64	1064	22.40	2.1	MJAF	89	4P
74	922	19.45	2.4			
82	827	17.41	2.5			
93	769	16.00	2.3			
99	699	14.44	2.9			
81	1473	30.09	1.00	MJ	79	4P
93	1397	29.26	1.05	MJF	79	4P
98	1218	25.61	1.20	MJA	79	4P
112	1132	23.09	1.25	MJAF	79	4P
131	960	20.24	1.50			
93	848	17.99	1.60	MJ	79	4P
90	755	15.84	1.75	MJF	79	4P
106	641	13.52	2.0	MJA	79	4P
116	589	12.35	1.60	MJAF	79	4P
133	518	10.84	1.80			
150	456	9.56	1.95			
169	404	8.48	2.1			
198	347	7.24	2.3			
11KW						
1.7	54880	835	0.90	MJ	189	MD109 4P
2.0	47728	729	1.05	MJH	189	MD109 4P
2.3	40766	622	1.20			
2.8	34466	526	1.40			
3.2	30056	454	1.65			
4.0	23226	355	2.1			
1.9	48804	738	1.00	MJ	189	MD99 4P
2.3	40961	621	1.20	MJH	189	MD99 4P
2.7	34662	527	1.40			
4.5	21370	316	1.50	MJ	169	MD109 4P
5.2	18424	278	1.70	MJH	169	MD109 4P
5.9	15876	244	1.85			
6.8	13996	213	2.3			
7.0	13521	206	2.3			
3.6	36846	561	0.85	MJ	169	MD99 4P
3.9	31752	481	1.00	MJH	169	MD99 4P
3.4	27830	423	1.15			
3.9	24304	369	1.30			
4.3	21952	333	0.80	MJ	159	MD99 4P
5.0	18910	286	0.90	MJF	159	MD99 4P
				MJA	159	MD99 4P
				MJAF	159	MD99 4P
6.8	14112	213	0.90	MJ	129	MD99 4P
7.2	13426	209	0.90	MJF	129	MD99 4P
8.7	11074	166	1.05	MJA	129	MD99 4P
9.8	9900	147	1.20	MJAF	129	MD99 4P
5.3	18715	134.99	1.60	MJ	169	8P
6.6	15200	109.63	2.0	MJH	169	8P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
11KW						
5.8	17100	164.50	1.80	MJ	169	6P
7.1	14080	134.99	2.2	MJH	169	6P
6.8	11400	164.50	2.7	MJ	169	4P
11	9358	134.99	3.3	MJH	169	4P
5.9	17095	122.39	1.00	MJ	159	6P
7.2	13870	100.22	1.25	MJF	159	6P
7.9	12730	91.65	1.35	MJA	159	6P
9.6	11920	79.75	1.55	MJAF	159	6P
6.4	15675	156.41	1.10	MJ	159	6P
7.8	12730	122.39	1.35	MJF	159	6P
9.6	10450	100.22	1.65	MJA	159	6P
10	9503	91.65	1.80	MJAF	159	6P
12	8294	79.75	2.1			
9.6	10450	156.41	1.65	MJ	159	4P
12	8454	122.39	2.0	MJF	159	4P
14	6946	100.22	2.5	MJA	159	4P
16	6356	91.65	2.7	MJAF	159	4P
11	9434	136.14	1.30	MJ	129	4P
12	8454	122.46	1.45	MJF	129	4P
13	7638	110.18	1.60	MJA	129	4P
15	6232	89.89	2.0	MJAF	129	4P
19	5691	81.96	2.2			
20	4921	79.05	2.5			
13	7700	162.41	1.00	MJ	109	4P
14	6953	106.75	1.10	MJF	109	4P
16	6209	90.90	1.26	MJA	109	4P
17	5729	82.61	1.35	MJAF	109	4P
20	5083	73.30	1.50	MJ	109	4P
22	4608	66.52	1.65	MJF	109	4P
25	3982	57.57	1.90	MJA	109	4P
29	3459	49.90	2.2	MJAF	109	4P
34	2938	42.33	2.4			
39	2565	37.00	2.7			
20	4893	70.53	0.85	MJ	89	4P
23	4332	62.55	0.95	MJF	89	4P
25	3924	56.56	1.05	MJA	89	4P
30	3325	47.93	1.25	MJAF	89	4P
34	2668	41.85	1.40	MJ	99	4P
38	2051	38.29	1.55	MJF	99	4P
42	2375	34.22	1.70	MJA	99	4P
47	2138	30.81	1.90	MJAF	99	4P
52	1938	27.90	2.1			
58	1710	24.38	2.4			
64	1548	22.37	2.6			
33	3050	44.02	0.69	MJ	89	4P
36	2527	36.52	0.85	MJF	89	4P
46	2176	31.38	1.20	MJA	80	4P
52	1928	27.87	1.30	MJAF	80	4P
58	1729	24.92	1.45			
64	1548	22.40	1.40	MJ	80	4P
74	1349	19.45	1.60	MJF	80	4P
83	1207	17.41	1.75	MJA	80	4P
90	1110	16.00	1.55	MJAF	80	4P
100	995	14.44	2.0			
115	874	12.56	2.2			
129	770	11.16	1.85			
148	634	10.00	2.1			
174	575	8.29	2.3			
200	499	7.21	2.5			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
11KW						
62	1596	23.09	0.99	MJ	79	4P
71	1406	20.24	1.00	MJF	79	4P
81	1235	17.86	1.19	MJA	79	4P
91	1102	15.84	1.20	MJAF	79	4P
107	941	13.52	1.35			
117	855	12.35	1.10			
133	751	10.84	1.25			
151	665	9.56	1.35			
178	569	8.48	1.45			
199	504	7.24	1.55			
15KW						
2.4	53378	622	0.98	MJ	169	MD109 4P
2.8	46048	536	1.05	MJH	169	MD109 4P
3.2	40572	454	1.20			
4.1	31393	355	1.55			
5.8	23324	261	2.1			
4.6	28518	316	1.19	MJ	169	MD109 4P
5.3	24794	278	1.25	MJH	169	MD109 4P
6.9	21566	244	1.45			
6.9	18916	213	1.65			
7.1	18326	206	1.70			
8.3	15427	176	2.0			
9.2	14368	166	2.2			
6.4	19740	225	0.87	MJ	159	MD109 4P
6.9	18512	213	0.95	MJF	159	MD109 4P
8.0	15928	182	1.05	MJA	159	MD109 4P
9.5	13361	153	1.28	MJAF	159	MD109 4P
12	10678	122	1.60			
14	9516	107	1.85			
5.4	25270	170.86	1.90	MJ	189	6P
5.9	23180	165.21	2.1	MJH	189	6P
7.2	16905	134.99	1.60	MJ	169	6P
8.8	15380	109.63	1.95	MJH	169	6P
8.9	15295	164.50	2.0	MJ	169	4P
11	12540	134.99	2.4	MJH	169	4P
7.9	17195	122.39	1.00	MJ	159	6P
9.7	14060	100.22	1.20	MJF	159	6P
11	12825	91.65	1.35	MJA	159	6P
12	11210	79.75	1.55	MJAF	159	6P
14	9850	79.38	1.75			
9.7	14060	156.41	1.20	MJ	159	4P
12	11400	122.39	1.50	MJF	159	4P
15	9339	100.22	1.85	MJA	159	4P
16	8581	91.65	2.0	MJAF	159	4P
18	7429	79.75	2.3			
11	12730	136.14	0.95	MJ	129	4P
12	11400	122.46	1.10	MJF	129	4P
13	10266	110.18	1.20	MJA	129	4P
				MJAF	129	4P
16	8379	89.89	1.45	MJ	129	4P
18	7638	81.96	1.60	MJF	129	4P
21	6812	79.95	1.85	MJA	129	4P
23	5833	62.60	2.1	MJAF	129	4P
27	5035	54.07	2.5			
31	4456	47.82	2.8			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
15KW						
16	8474	90.96	0.90	MJ	109	4P
18	7705	82.61	1.00	MJF	109	4P
20	6931	73.30	1.10	MJA	109	4P
22	6304	66.52	1.25	MJAF	109	4P
26	5330	57.17	1.45	MJ	109	4P
29	4855	49.90	1.60	MJF	109	4P
34	3943	42.33	1.75	MJA	109	4P
39	3449	37.00	2.0	MJAF	109	4P
45	3050	32.68	2.3			
48	2842	30.48	2.3			
56	2699	28.99	2.5			
30	4485	47.53	0.90	MJ	99	4P
35	3965	41.59	1.05	MJF	99	4P
38	3572	35.29	1.95	MJA	99	4P
43	3102	34.22	1.30	MJAF	99	4P
47	2869	30.81	1.40			
52	2883	27.90	1.55	MJ	99	4P
59	2369	24.74	1.75	MJF	99	4P
65	2081	22.37	1.95	MJA	99	4P
77	1707	18.99	2.3	MJAF	99	4P
88	1539	16.56	2.7			
47	2926	31.39	0.90	MJ	89	4P
52	2644	27.87	0.95	MJF	89	4P
59	2318	24.92	1.00	MJA	89	4P
65	2090	22.49	1.05	MJAF	89	4P
75	1815	19.45	1.20			
84	1620	17.41	1.30			
91	1462	15.69	1.35	MJ	89	4P
101	1349	14.48	1.50	MJF	89	4P
116	1169	12.56	1.69	MJA	89	4P
131	1045	11.16	1.35	MJAF	89	4P
148	931	10.00	1.55			
170	770	8.29	1.78			
202	670	7.21	1.65			
4.6	35884	318	0.90	MJ	189	MD109 4P
5.5	30570	276	1.00	MJH	189	MD109 4P
6.0	28508	248	1.20			
6.9	23628	213	1.35			
7.1	22540	206	1.40			
8.3	19003	176	1.64			
9.2	17040	160	1.80			
11	14850	135	2.1			
12	12509	119	2.4			
8.0	19744	182	0.87	MJ	159	MD109 4P
9.5	16713	153	1.08	MJF	159	MD109 4P
12	13406	122	1.30	MJA	159	MD109 4P
14	11700	107	1.50	MJAF	159	MD109 4P
5.4	31100	179.66	1.55	MJ	189	6P
5.9	28595	165.21	1.65	MJH	189	6P
8.7	24805	144.59	1.90			
7.5	22420	129.69	2.1			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
18.5KW						
8.2	20615	179.86	2.3	MJ	169	4P
8.9	18905	165.21	2.5	MJH	169	4P
10	16536	144.56	2.9			
11	14826	129.69	3.2			
11	15465	134.96	1.65	MJ	169	4P
13	12540	109.83	2.4	MJH	169	4P
17	10870	87.66	3.0			
9.7	17385	166.22	1.00	MJ	159	6P
11	15865	91.65	1.10			
12	13775	79.75	1.25	MJF	159	6P
14	12600	76.36	1.40	MJA	159	6P
12	14066	122.36	1.20	MJ	159	4P
15	11605	106.22	1.50	MJF	159	4P
18	10545	91.65	1.65	MJA	159	4P
18	9139	79.75	1.85	MJAF	159	4P
21	8006	76.36	2.1			
24	6992	61.02	2.5			
27	6223	54.29	2.8			
31	5358	46.79	3.2			
39	4359	38.02	3.9			
13	12835	110.18	1.00	MJ	129	4P
16	10266	89.69	1.20	MJF	129	4P
18	9356	81.98	1.30	MJA	129	4P
				MJAF	129	4P
21	8132	79.60	1.50	MJ	129	4P
25	7173	62.60	1.70	MJF	129	4P
27	6194	54.07	2.0	MJA	129	4P
31	5462	47.82	2.3	MJAF	129	4P
36	4608	40.93	2.7			
40	4132	36.24	3.0			
47	3591	31.36	3.4			
53	3173	27.67	3.9			
20	8398	73.30	0.80	MJ	109	4P
22	7619	66.52	1.00	MJF	109	4P
26	6546	57.17	1.15	MJA	109	4P
29	5769	49.90	1.30	MJAF	109	4P
35	4845	42.33	1.45	MJ	109	4P
40	4237	37.00	1.60	MJF	109	4P
45	3763	32.69	1.85	MJA	109	4P
48	3460	30.48	1.85	MJAF	109	4P
51	3325	28.99	2.1			
58	3012	26.31	2.3			
65	2584	22.61	2.6			
74	2261	19.74	3.0			
88	1969	16.74	3.5			
35	4798	41.88	0.85	MJ	99	4P
40	3534	30.51	1.15	MJF	99	4P
53	3132	27.09	1.30	MJA	99	4P
59	2831	24.74	1.45	MJAF	99	4P
65	2585	22.37	1.60	MJ	99	4P
77	2170	18.96	1.80	MJF	99	4P
88	1889	16.36	2.2	MJA	99	4P
106	1557	13.65	2.6	MJAF	99	4P
122	1378	11.99	2.7			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
18.5KW						
59	2850	24.92	0.85	MJ	89	4P
65	2565	22.40	0.85	MJF	89	4P
70	2223	19.45	1.00	MJA	89	4P
84	1905	17.41	1.05	MJAF	89	4P
101	1653	14.44	1.20			
117	1435	12.56	1.30			
131	1283	11.16	1.10			
147	1150	10.00	1.25			
177	950	8.29	1.40			
203	827	7.21	1.50			
22KW						
3.2	53584	454	0.69	MJ	160	MD100 4P
4.1	46158	355	1.05	MJH	160	MD100 4P
5.6	34100	261	1.45			
6.8	29009	221	1.70			
7.6	25284	193	1.95			
8.2	20971	160	2.3			
5.3	30450	278	0.85	MJ	160	MD100 4P
6.0	31654	244	1.00	MJH	160	MD100 4P
6.9	27036	213	1.15			
7.1	26550	206	1.15			
8.3	22606	176	1.38			
9.2	20572	160	1.50			
11	17738	135	1.75			
12	15484	118	2.0			
9.5	19660	153	0.87	MJ	160	MD100 4P
12	16072	122	1.10	MJF	160	MD100 4P
14	14094	107	1.25	MJA	160	MD100 4P
				MJAF	160	MD100 4P
5.4	37050	179.86	1.30	MJ	160	6P
5.9	34019	165.21	1.40	MJH	160	6P
6.7	29735	144.59	1.60			
7.5	26505	129.69	1.80			
8.6	23186	112.60	2.1			
8.2	24593	179.86	1.95	MJ	160	4P
8.9	22515	165.21	2.1	MJH	160	4P
10	19905	144.59	2.4			
11	17670	129.69	2.7			
11	18430	134.96	1.65	MJ	160	4P
13	14915	109.83	2.0	MJH	160	4P
17	11970	87.66	2.5			
19	10040	73.14	2.9			
9.7	20615	166.22	0.85	MJ	159	6P
11	18905	91.65	0.99	MJF	159	6P
12	16435	79.75	1.05	MJA	159	6P
14	14440	70.38	1.20	MJAF	159	6P
16	12548	61.02	1.35			
12	16729	122.39	1.05	MJ	159	4P
15	13689	106.22	1.25	MJF	159	4P
18	12445	91.65	1.35	MJA	159	4P
18	10830	79.75	1.55	MJAF	159	4P
21	9565	76.36	1.66			
24	8313	61.02	2.1			
27	7401	54.29	2.3			
31	6375	46.79	2.7			
39	5178	38.02	3.3			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
22KW						
16	12255	89.69	1.00	MJ	129	4P
18	11210	81.98	1.10	MJF	129	4P
21	9890	79.95	1.30	MJA	129	4P
23	8931	62.60	1.45	MJAF	129	4P
27	7303	54.07	1.70	MJ	129	4P
31	6517	47.82	1.90	MJF	129	4P
36	5472	40.19	2.3	MJA	129	4P
40	4940	36.24	2.5	MJAF	129	4P
47	4075	31.36	2.9			
53	3772	27.67	3.3			
61	3258	23.90	3.8			
69	2879	21.14	4.3			
28	7790	57.17	1.00	MJ	109	4P
29	6932	49.90	1.19	MJF	109	4P
35	5797	42.33	1.20	MJA	109	4P
				MJAF	109	4P
40	5045	37.00	1.35	MJ	109	4P
45	4456	32.68	1.55	MJF	109	4P
49	4156	30.48	1.54	MJA	109	4P
51	3952	28.99	1.75	MJAF	109	4P
58	3502	26.31	1.90			
65	3078	22.61	2.2			
74	2689	19.74	2.5			
88	2280	16.74	2.9			
100	1995	14.63	3.3			
109	1834	13.43	2.2			
125	1596	11.72	2.6			
147	1358	9.94	2.9			
48	4199	30.51	0.95	MJ	89	4P
53	3800	27.99	1.05	MJF	89	4P
59	3373	24.74	1.20	MJA	89	4P
65	3050	22.37	1.35	MJAF	89	4P
77	2594	18.96	1.60	MJ	89	4P
88	2252	16.50	1.80	MJF	89	4P
100	1991	13.85	2.2	MJA	89	4P
122	1634	11.99	2.3	MJAF	89	4P
141	1410	10.41	1.90			
168	1188	8.70	2.1			
75	2651	19.45	0.88	MJ	89	4P
84	2375	17.41	0.98	MJF	89	4P
101	1957	14.44	1.00	MJA	89	4P
117	1710	12.56	1.19	MJAF	89	4P
131	1528	11.16	0.95			
147	1358	10.00	1.05			
177	1131	8.29	1.20			
203	979	7.21	1.25			
30KW						
5.8	46748	261	1.05	MJ	169	MD100 4P
6.6	39592	221	1.25	MJH	169	MD100 4P
7.6	34406	193	1.40			
9.2	28570	160	1.73			
6.9	37832	213	0.85	MJ	169	MD100 4P
7.1	36750	206	0.85	MJH	169	MD100 4P
8.4	31948	176	1.02			
9.2	28593	160	1.19			
11	24096	135	1.30			
12	21970	118	1.50			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
30KW						
8.2	33345	179.86	1.45	MJ	169	4P
8.9	30590	165.21	1.55	MJH	169	4P
10	26750	144.59	1.75			
11	24035	129.69	2.0			
13	20805	112.60	2.3			
14	18905	102.16	2.5			
17	15340	82.80	3.0			
13	20330	109.83	1.56	MJ	169	4P
17	16240	87.66	1.85	MJH	169	4P
19	14440	78.14	2.1			
22	12635	68.67	2.4			
24	11260	60.74	2.7			
15	18525	100.22	0.00	MJ	159	4P
18	17005	91.65	1.00	MJF	159	4P
19	14725	79.75	1.15	MJA	159	4P
21	13015	70.38	1.30	MJAF	159	4P
24	11305	61.02	1.50			
27	10070	54.29	1.70			
31	8964	48.70	1.95			
39	7040	38.02	2.4			
47	5705	31.30	3.0			
21	13110	70.85	0.95	MJ	129	4P
23	11596	62.60	1.05	MJF	129	4P
27	9975	54.07	1.25	MJA	129	4P
31	8854	47.82	1.40	MJAF	129	4P
37	7439	40.19	1.65			
41	6707	36.24	1.85			
47	5805	31.30	2.1			
53	5121	27.67	2.4			
62	4427	23.88	2.8			
35	7835	42.33	0.90	MJ	109	4P
40	6850	37.00	1.00	MJF	109	4P
46	5947	32.48	1.10	MJA	109	4P
				MJAF	109	4P
51	5368	28.99	1.25	MJ	109	4P
58	4874	26.31	1.40	MJF	109	4P
65	4150	22.61	1.65	MJA	109	4P
74	3655	19.74	1.85	MJAF	109	4P
88	3067	16.74	2.2			
100	2705	14.63	2.4			
109	2485	13.43	1.65			
125	2166	11.72	1.90			
148	1843	9.94	2.2			
169	1606	8.69	2.4			
59	4570	24.74	0.90	MJ	89	4P
66	4142	22.37	1.00	MJF	89	4P
78	3566	18.96	1.15	MJA	89	4P
89	3069	16.56	1.35	MJAF	89	4P
106	2565	13.85	1.60			
123	2223	11.99	1.65			
141	1929	10.41	1.40			
169	1615	8.70	1.55			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
37KW						
5.6	53824	261	0.85	MJ	169 MD109	4P
6.6	46902	221	1.00	MJH	169 MD109	4P
7.6	40836	193	1.15			
9.2	35304	166	1.38			
8.4	39425	176	0.82	MJ	169 MD109	4P
9.2	35286	160	0.90	MJH	169 MD109	4P
11	29660	135	1.05			
12	26968	118	1.20			
8.2	41040	179.86	1.15	MJ	169	4P
8.9	37715	165.21	1.25	MJH	169	4P
10	33960	144.59	1.45			
11	29649	129.69	1.60			
13	25745	112.60	1.85			
14	23379	102.16	2.0			
17	20140	88.00	2.4			
13	25680	109.83	1.20	MJ	160	4P
17	20045	87.66	1.50	MJH	160	4P
19	17900	78.54	1.70			
22	15586	68.07	1.95			
24	13870	60.74	2.2			
29	11180	58.77	2.6			
16	20900	91.65	0.80	MJ	159	4P
18	18240	79.75	0.95	MJF	159	4P
				MJA	159	4P
				MJAF	159	4P
21	16856	76.36	1.05	MJ	159	4P
24	13965	61.02	1.25	MJF	159	4P
27	12350	54.29	1.40	MJA	159	4P
31	10840	46.79	1.60	MJAF	159	4P
39	8693	38.02	1.85			
47	7144	31.30	2.4			
23	14250	62.60	0.85	MJ	129	4P
27	12356	54.07	1.00	MJF	129	4P
31	10825	47.82	1.15	MJA	129	4P
37	9177	40.59	1.35	MJAF	129	4P
41	8275	36.24	1.50	MJ	129	4P
47	7103	31.36	1.70	MJF	129	4P
53	6198	27.67	1.95	MJA	129	4P
62	5453	23.90	2.3	MJAF	129	4P
70	4826	21.14	2.6			
83	4057	17.77	3.0			
102	3278	14.35	3.5			
115	2917	12.78	2.8			
137	2458	10.74	3.1			
159	1986	8.68	3.5			
40	8440	37.00	0.80	MJ	100	4P
48	6961	30.48	0.92	MJF	100	4P
51	6822	28.99	1.05	MJA	100	4P
59	6004	26.31	1.15	MJAF	100	4P
65	5108	22.61	1.30			
74	4503	19.74	1.50			
89	3819	16.74	1.75			
100	3344	14.63	1.90			
109	3060	13.43	1.35			
125	2679	11.72	1.55			
148	2271	9.94	1.75			
169	1986	8.69	1.95			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
45KW						
6.6	59480	221	0.80	MJ	169 MD109	4P
7.6	51840	193	0.95	MJH	169 MD109	4P
9.2	43036	160	1.12			
11	36058	135	0.85	MJ	169 MD109	4P
12	31752	118	1.00	MJH	169 MD109	4P
8.2	46078	179.86	0.95	MJ	169	4P
8.9	42485	165.21	1.05	MJH	169	4P
10	40165	144.59	1.20			
11	36025	129.69	1.30			
13	31255	112.60	1.50			
14	26405	102.16	1.65			
17	24415	88.00	1.95			
20	20529	73.90	2.3			
13	30466	109.83	1.00	MJ	159	4P
17	24465	87.66	1.25	MJH	159	4P
19	21668	78.14	1.40			
22	18905	68.07	1.60			
24	16910	60.74	1.80			
28	14345	51.77	2.1			
34	11975	42.89	2.6			
21	16529	59.58	0.85	MJ	159	4P
24	15010	61.02	1.00	MJF	159	4P
27	15105	54.29	1.15	MJA	159	4P
31	13095	46.79	1.34	MJAF	159	4P
39	10545	38.02	1.60			
47	8693	31.36	1.95			
53	7678	27.62	2.2			
61	6650	23.95	2.6			
69	5919	21.31	2.9			
80	5182	18.37	3.4			
31	13300	47.82	0.95	MJ	129	4P
37	11115	40.19	1.10	MJF	129	4P
41	10079	36.24	1.25	MJA	129	4P
				MJAF	129	4P
47	8712	31.36	1.40	MJ	129	4P
53	7698	27.67	1.60	MJF	129	4P
62	6641	23.90	1.85	MJA	129	4P
70	5871	21.14	2.1	MJAF	129	4P
83	4931	17.77	2.5			
102	3981	14.35	2.9			
115	3553	12.78	2.3			
137	2983	10.74	2.6			
160	2403	8.68	2.9			
51	6056	28.99	0.85	MJ	109	4P
58	7306	26.31	0.95	MJF	109	4P
65	6280	22.61	1.10	MJA	109	4P
74	5462	19.74	1.25	MJAF	109	4P
88	4646	16.74	1.45	MJ	100	4P
100	4068	14.63	1.60	MJF	100	4P
109	3734	13.43	1.10	MJA	100	4P
125	3259	11.72	1.25	MJAF	100	4P
148	2765	9.94	1.45			
169	2413	8.69	1.60			
55KW						
10	49525	144.59	0.95	MJ	159	4P
11	43600	129.69	1.10	MJH	159	4P
13	38005	112.60	1.25			
14	34590	102.16	1.35			
17	30736	88.00	1.60			
20	24985	73.90	1.90			
23	21980	64.04	2.2			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
55KW						
17	29735	87.66	1.00	MJ	169	4P
19	26493	78.14	1.15	MJH	169	4P
22	22990	68.07	1.30			
24	20520	60.74	1.50			
29	17460	58.77	1.70			
34	14535	42.89	2.0			
40	12359	36.01	2.5			
24	20515	61.02	0.85	MJ	159	4P
27	18335	54.29	0.95	MJF	159	4P
32	15865	46.79	1.10	MJA	159	4P
39	12825	38.02	1.35	MJAF	159	4P
47	10545	31.36	1.60			
53	9248	27.62	1.85			
62	8184	23.95	2.1			
69	7211	21.31	2.4			
80	6213	18.37	2.8			
99	5045	14.82	3.4			
117	4265	12.66	3.8			
37	13565	40.19	0.98	MJ	129	4P
47	10540	31.36	1.15	MJF	129	4P
53	9356	27.67	1.30	MJA	129	4P
				MJAF	129	4P
62	8095	23.90	1.55	MJ	129	4P
70	7154	21.14	1.75	MJF	129	4P
83	6014	17.77	2.1	MJA	129	4P
103	4855	14.35	2.4	MJAF	129	4P
115	4323	12.78	1.85			
137	3630	10.74	2.1			
170	2936	8.68	2.3			
75KW						
11	59000	126.69	0.89	MJ	169	4P
13	51775	112.60	0.98	MJH	169	4P
14	46930	102.16	1.08			
17	40479	88.00	1.15			
20	34018	73.90	1.40			
23	29450	64.04	1.60			
28	24590	53.36	1.95			
33	20900	45.50	2.3			
19	35919	78.14	0.85	MJ	169	4P
22	31255	68.07	0.95	MJH	169	4P
24	27936	60.74	1.10			
29	23845	51.77	1.30			
35	19769	42.89	1.55			
40	16915	36.01	1.80			
48	14429	32.25	2.1			
51	13265	28.77	2.3			
60	11305	24.52	2.7			
39	17460	38.02	1.00	MJ	159	4P
47	14345	31.36	1.20	MJF	159	4P
54	12738	27.62	1.35	MJA	159	4P
62	11020	23.95	1.55	MJAF	159	4P
69	9785	21.31	1.75			
81	8448	18.37	2.0			
99	6859	14.82	2.5			
117	5814	12.66	2.9			
47	14440	31.36	0.85	MJ	129	4P
53	12738	27.67	0.95	MJF	129	4P
62	11020	23.90	1.10	MJA	129	4P
70	9830	21.14	1.25	MJAF	129	4P
83	8170	17.77	1.50			
103	6593	14.35	1.75			
116	5851	12.78	1.40			
138	4940	10.74	1.55			
171	3990	8.68	1.70			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
90KW						
14	56335	102.16	0.85	MJ	169	4P
17	48545	88.00	1.00	MJH	169	4P
20	40755	73.90	1.95			
23	35349	64.04	1.35			
28	29450	53.36	1.65			
33	25090	45.50	1.90			
35	23405	42.51	2.0			
38	21280	38.57	2.2			
22	37525	68.67	0.80	MJ	169	4P
24	33535	60.74	0.90	MJH	169	4P
29	28595	51.77	1.05			
35	23655	42.89	1.30			
40	20235	36.61	1.50			
46	17765	32.25	1.70			
54	15065	26.77	1.90			
66	12400	24.52	2.3			
73	11210	20.32	2.7			
85	9585	17.34	3.2			
39	20905	38.02	0.80	MJ	159	4P
47	17290	31.30	1.00	MJF	159	4P
54	15200	27.62	1.10	MJA	159	4P
62	13205	23.95	1.30	MJAF	159	4P
69	11760	21.31	1.45			
81	10165	18.37	1.70			
99	8237	14.82	2.1			
117	6883	12.66	2.3			
62	13205	23.90	0.95	MJ	129	4P
70	11665	21.14	1.05	MJF	129	4P
83	9765	17.77	1.25	MJA	129	4P
103	7914	14.35	1.45	MJAF	129	4P
116	7049	12.78	1.15			
138	5929	10.74	1.30			
171	4769	8.68	1.45			
110KW						
17	59485	88.00	0.80	MJ	169	4P
20	49655	73.90	0.95	MJH	169	4P
23	43035	64.04	1.10			
28	35815	53.36	1.30			
33	30590	45.50	1.55			
35	28595	42.51	1.65			
39	25635	38.57	1.85			
45	22325	33.23	2.1			
53	19819	27.92	2.5			
29	34770	51.77	0.85	MJ	169	4P
35	28765	42.89	1.05	MJH	169	4P
41	24805	36.61	1.25			
48	21660	32.25	1.40			
52	19380	28.77	1.55			
61	16435	24.52	1.85			
73	13660	20.32	2.2			
86	11685	17.34	2.6			
62	19255	23.95	1.05	MJ	159	4P
70	14340	21.31	1.20	MJF	159	4P
81	12350	18.37	1.40	MJA	159	4P
100	10070	14.92	1.70	MJAF	159	4P
117	8563	12.66	1.98			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P	输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
132KW												
20	50660	73.06	0.80	MJ	169	4P						
23	51690	64.04	0.90	MJH	169	4P						
28	43035	53.36	1.10									
33	36578	45.50	1.30									
35	34296	42.51	1.40									
39	31066	38.57	1.55									
45	26798	33.23	1.75									
53	22585	27.02	2.1									
61	19475	24.18	2.3									
74	16245	20.15	2.8									
86	13870	17.99	2.8									
35	34580	42.89	0.90	MJ	169	4P						
41	29545	36.61	1.05	MJH	169	4P						
46	26036	32.25	1.15									
52	23160	28.77	1.30									
61	19760	24.52	1.55									
73	16349	20.32	1.85									
86	13965	17.34	2.3									
92	19285	23.95	0.98	MJ	159	4P						
76	17105	21.31	1.00	MJF	159	4P						
81	14820	18.37	1.15	MJA	159	4P						
100	12065	14.92	1.40	MJAF	159	4P						
117	10900	12.66	1.60									
160KW												
28	52155	53.36	0.90	MJ	169	4P						
33	44400	45.50	1.05	MJH	169	4P						
45	32496	33.23	1.45									
53	27265	27.02	1.75									
61	23655	24.18	1.90									
74	19685	20.15	2.1									
86	16815	17.99	2.3									
81	35815	36.61	0.65	MJ	169	4P						
61	23948	24.52	1.25	MJH	169	4P						
73	19855	20.32	1.55									
86	16910	17.34	1.80									
81	17955	18.37	0.95	MJ	159	4P						
100	14636	14.92	1.15	MJF	159	4P						
117	12356	12.66	1.30	MJA	159	4P						
				MJAF	159	4P						
200KW												
33	55575	45.50	0.85	MJ	169	4P						
45	40565	33.23	1.15	MJH	169	4P						
53	34935	27.92	1.40									
61	29545	24.18	1.55									
74	24665	20.15	1.70									
86	20995	17.99	1.85									
81	29925	24.52	1.00	MJ	169	4P						
73	24795	20.32	1.20	MJH	169	4P						
86	21185	17.34	1.45									
100	18240	14.92	0.95	MJ	159	4P						
117	15485	12.66	1.05	MJF	159	4P						
				MJA	159	4P						
				MJAF	159	4P						

3.9 MJ系列恒扭矩选型参数表

Constant torque model selection parameter form of MJ series

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P	输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P
200N·m						**400N·m**					
0.20	6932	MJ	39 ME19	0.12	4P	2.4	593	MJ	49 ME39	0.18	4P
0.23	5822	MJF	39 ME19	0.12	4P	2.7	455	MJF	49 ME39	0.18	4P
0.25	5491	MJA	39 ME19	0.12	4P	3.1	426	MJA	49 ME39	0.18	4P
0.29	4759	MJAF	39 ME19	0.12	4P			MJAF	49 ME39	0.18	4P
0.33	4160										
0.38	3645					3.5	335	MJ	49 ME39	0.25	4P
0.43	3205					4.0	327	MJF	49 ME39	0.25	4P
0.49	2801					4.5	286	MJA	49 ME39	0.25	4P
0.56	2454							MJAF	49 ME39	0.25	4P
0.64	2150										
0.73	1891					5.4	254	MJ	49 ME39	0.37	4P
0.83	1660					6.2	225	MJF	49 ME39	0.37	4P
0.94	1456					7.0	196	MJA	49 ME39	0.37	4P
1.1	1288							MJAF	49 ME39	0.37	4P
1.2	1136										
						8.6	171	MJ	49 ME39	0.55	4P
1.4	996	MJ	39 ME19	0.12	4P	8.9	153	MJF	49 ME39	0.55	4P
1.6	870	MJF	39 ME19	0.12	4P	10	131	MJA	49 ME39	0.55	4P
1.8	761	MJA	39 ME19	0.12	4P			MJAF	49 ME39	0.55	4P
2.1	671	MJAF	39 ME19	0.12	4P						
2.4	585					**600N·m**					
2.7	512					0.11	12160	MJ	59 ME39	0.12	4P
3.1	451					0.12	11102	MJF	59 ME39	0.12	4P
3.5	396					0.15	9583	MJA	59 ME39	0.12	4P
4.0	348					0.16	8547	MJAF	59 ME39	0.12	4P
						0.19	7277				
4.3	304	MJ	39 ME19	0.18	4P	0.21	6478				
4.9	267	MJF	39 ME19	0.18	4P	0.24	5662				
5.7	234	MJA	39 ME19	0.18	4P	0.27	5033				
6.4	205	MJAF	39 ME19	0.18	4P	0.32	4349				
						0.36	3854				
7.2	181	MJ	39 ME19	0.25	4P	0.41	3390				
8.1	160	MJF	39 ME19	0.25	4P	0.47	2924				
9.5	136	MJA	39 ME19	0.25	4P	0.53	2583				
10	127	MJAF	39 ME19	0.25	4P	0.61	2249				
						0.70	1960				
12	110	MJ	39 ME19	0.37	4P						
14	96	MJF	39 ME19	0.37	4P	0.79	1743	MJ	59 ME39	0.12	4P
		MJA	39 ME19	0.37	4P	0.90	1539	MJF	59 ME39	0.12	4P
		MJAF	39 ME19	0.37	4P	1.0	1354	MJA	59 ME39	0.12	4P
						1.2	1174	MJAF	59 ME39	0.12	4P
400N·m						1.3	1030				
0.14	10138	MJ	49 ME39	0.12	4P						
0.16	8534	MJF	49 ME39	0.12	4P	1.5	906	MJ	59 ME39	0.18	4P
0.18	7602	MJA	49 ME39	0.12	4P	1.6	806	MJF	59 ME39	0.18	4P
0.20	6826	MJAF	49 ME39	0.12	4P	1.9	699	MJA	59 ME39	0.18	4P
0.23	5853					2.1	615	MJAF	59 ME39	0.18	4P
0.27	5059										
0.30	4601					2.4	544	MJ	59 ME39	0.25	4P
0.35	3940					2.8	473	MJF	59 ME39	0.25	4P
0.40	3477					3.1	421	MJA	59 ME39	0.25	4P
0.45	3043							MJAF	59 ME39	0.25	4P
0.51	2733										
0.59	2354					3.8	362	MJ	59 ME39	0.37	4P
0.67	2063					4.3	310	MJF	59 ME39	0.37	4P
0.76	1818					4.9	269	MJA	59 ME39	0.37	4P
0.87	1588							MJAF	59 ME39	0.37	4P
0.99	1388										
						5.5	246	MJ	59 ME39	0.55	4P
1.1	1222	MJ	49 ME39	0.12	4P	6.3	215	MJF	59 ME39	0.55	4P
1.3	1097	MJF	49 ME39	0.12	4P	7.1	182	MJA	59 ME39	0.55	4P
1.5	945	MJA	49 ME39	0.12	4P			MJAF	59 ME39	0.55	4P
1.7	831	MJAF	49 ME39	0.12	4P						
1.9	715					8.3	166	MJ	59 ME39	0.75	4P
2.2	639					9.4	145	MJF	59 ME39	0.75	4P
						11	129	MJA	59 ME39	0.75	4P
								MJAF	59 ME39	0.75	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
600N·m				
13	111	MJ 59 MD30	1.1	4P
14	97	MJF 59 MD30	1.1	4P
		MJA 59 MD30	1.1	4P
		MJAF 59 MD30	1.1	4P
820N·m				
0.11	12139	MJ 69 MD30	0.12	4P
0.12	11134	MJF 69 MD30	0.12	4P
0.15	9479	MJA 69 MD30	0.12	4P
0.17	8173	MJAF 69 MD30	0.12	4P
0.19	7259			
0.21	6492			
0.24	5648			
0.26	4846			
0.32	4309			
0.37	3756			
0.42	3315			
0.47	2917			
0.55	2532			
0.62	2244			
0.69	1981			
0.79	1739	MJ 69 MD30	0.12	4P
0.90	1535	MJF 69 MD30	0.12	4P
1.0	1356	MJA 69 MD30	0.12	4P
		MJAF 69 MD30	0.12	4P
1.1	1171	MJ 69 MD30	0.18	4P
1.3	1034	MJF 69 MD30	0.18	4P
1.5	903	MJA 69 MD30	0.18	4P
1.7	793	MJAF 69 MD30	0.18	4P
1.9	697	MJ 69 MD30	0.25	4P
2.1	613	MJF 69 MD30	0.25	4P
2.4	542	MJA 69 MD30	0.25	4P
		MJAF 69 MD30	0.25	4P
2.9	471	MJ 69 MD30	0.37	4P
3.3	420	MJF 69 MD30	0.37	4P
		MJA 69 MD30	0.37	4P
		MJAF 69 MD30	0.37	4P
3.8	361	MJ 69 MD30	0.55	4P
4.2	323	MJF 69 MD30	0.55	4P
4.9	279	MJA 69 MD30	0.55	4P
5.5	248	MJAF 69 MD30	0.55	4P
6.4	217	MJ 69 MD30	0.75	4P
7.2	191	MJF 69 MD30	0.75	4P
		MJA 69 MD30	0.75	4P
		MJAF 69 MD30	0.75	4P
1550N·m				
0.09	15316	MJ 79 MD30	0.12	4P
0.10	14043	MJF 79 MD30	0.12	4P
0.12	11955	MJA 79 MD30	0.12	4P
0.14	10217	MJAF 79 MD30	0.12	4P
0.16	8709			
0.18	7452			
0.21	6606			
0.24	5784			
0.27	5099			
0.31	4469			
0.35	3901			
0.40	3450			
0.46	2931			
0.51	2717			

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
1550N·m				
0.56	2370	MJ 79 MD30	0.18	4P
		MJF 79 MD30	0.18	4P
		MJA 79 MD30	0.18	4P
		MJAF 79 MD30	0.18	4P
0.64	2060	MJ 79 MD30	0.18	4P
0.75	1772	MJF 79 MD30	0.18	4P
0.87	1514	MJA 79 MD30	0.18	4P
		MJAF 79 MD30	0.18	4P
0.95	1371	MJ 79 MD30	0.25	4P
1.1	1218	MJF 79 MD30	0.25	4P
1.2	1042	MJA 79 MD30	0.25	4P
		MJAF 79 MD30	0.25	4P
1.5	924	MJ 79 MD30	0.37	4P
1.7	815	MJF 79 MD30	0.37	4P
1.9	702	MJA 79 MD30	0.37	4P
		MJAF 79 MD30	0.37	4P
2.2	622	MJ 79 MD30	0.55	4P
2.5	552	MJF 79 MD30	0.55	4P
2.9	485	MJA 79 MD30	0.55	4P
		MJAF 79 MD30	0.55	4P
3.2	425	MJ 79 MD30	0.75	4P
3.6	367	MJF 79 MD30	0.75	4P
		MJA 79 MD30	0.75	4P
		MJAF 79 MD30	0.75	4P
4.3	328	MJ 79 MD30	1.1	4P
4.9	286	MJF 79 MD30	1.1	4P
5.5	252	MJA 79 MD30	1.1	4P
		MJAF 79 MD30	1.1	4P
2700N·m				
0.09	14529	MJ 89 MD59	0.12	4P
0.10	13168	MJF 89 MD59	0.12	4P
0.12	11737	MJA 89 MD59	0.12	4P
0.14	10217	MJAF 89 MD59	0.12	4P
0.15	9073			
0.18	7854			
0.20	6832			
0.23	5930			
0.26	5210			
0.30	4562			
0.33	4037	MJ 89 MD59	0.18	4P
0.37	3609	MJF 89 MD59	0.18	4P
0.42	3107	MJA 89 MD59	0.18	4P
0.48	2726	MJAF 89 MD59	0.18	4P
0.55	2371	MJ 89 MD59	0.25	4P
		MJF 89 MD59	0.25	4P
		MJA 89 MD59	0.25	4P
		MJAF 89 MD59	0.25	4P
0.62	2068	MJ 89 MD59	0.25	4P
0.70	1804	MJF 89 MD59	0.25	4P
		MJA 89 MD59	0.25	4P
		MJAF 89 MD59	0.25	4P
0.83	1657	MJ 89 MD59	0.37	4P
0.98	1369	MJF 89 MD59	0.37	4P
1.1	1214	MJA 89 MD59	0.37	4P
		MJAF 89 MD59	0.37	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
2700N·m				
1.3	1079	MJ 89 MD59	0.55	4P
1.4	951	MJF 89 MD59	0.55	4P
1.6	837	MJA 89 MD59	0.55	4P
		MJAF 89 MD59	0.55	4P
1.9	726	MJ 89 MD59	0.75	4P
2.2	636	MJF 89 MD59	0.75	4P
		MJA 89 MD59	0.75	4P
		MJAF 89 MD59	0.75	4P
2.5	562	MJ 89 MD59	1.1	4P
3.0	474	MJF 89 MD59	1.1	4P
3.3	426	MJA 89 MD59	1.1	4P
		MJAF 89 MD59	1.1	4P
3.8	373	MJ 89 MD59	1.5	4P
4.3	330	MJF 89 MD59	1.5	4P
4.8	294	MJA 89 MD59	1.5	4P
		MJAF 89 MD59	1.5	4P
5.6	250	MJ 89 MD59	2.2	4P
6.0	236	MJF 89 MD59	2.2	4P
7.0	201	MJA 89 MD59	2.2	4P
		MJAF 89 MD59	2.2	4P
4300N·m				
0.08	18331	MJ 99 MD59	0.12	4P
0.08	16936	MJF 99 MD59	0.12	4P
0.09	14697	MJA 99 MD59	0.12	4P
0.10	13162	MJAF 99 MD59	0.12	4P
0.12	11977			
0.13	10317			
0.15	9083			
0.17	8054			
0.20	6970			
0.22	6827	MJ 99 MD59	0.18	4P
0.24	5391	MJF 99 MD59	0.18	4P
0.28	4669	MJA 99 MD59	0.18	4P
0.32	4462	MJAF 99 MD59	0.18	4P
0.36	3583	MJ 99 MD59	0.25	4P
0.42	3108	MJF 99 MD59	0.25	4P
		MJA 99 MD59	0.25	4P
		MJAF 99 MD59	0.25	4P
0.50	2757	MJ 99 MD59	0.37	4P
		MJF 99 MD59	0.37	4P
		MJA 99 MD59	0.37	4P
		MJAF 99 MD59	0.37	4P
0.58	2391	MJ 99 MD59	0.37	4P
0.65	2125	MJF 99 MD59	0.37	4P
		MJA 99 MD59	0.37	4P
		MJAF 99 MD59	0.37	4P
0.73	1850	MJ 99 MD59	0.55	4P
0.84	1625	MJF 99 MD59	0.55	4P
0.95	1430	MJA 99 MD59	0.55	4P
1.1	1201	MJAF 99 MD59	0.55	4P
1.2	1102	MJ 99 MD59	0.75	4P
1.4	948	MJF 99 MD59	0.75	4P
		MJA 99 MD59	0.75	4P
		MJAF 99 MD59	0.75	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
4300N·m				
1.6	845	MJ 99 MD59	1.1	4P
1.9	743	MJF 99 MD59	1.1	4P
2.1	652	MJA 99 MD59	1.1	4P
		MJAF 99 MD59	1.1	4P
2.5	573	MJ 99 MD59	1.5	4P
2.8	504	MJF 99 MD59	1.5	4P
		MJA 99 MD59	1.5	4P
		MJAF 99 MD59	1.5	4P
3.2	437	MJ 99 MD59	2.2	4P
3.7	382	MJF 99 MD59	2.2	4P
4.1	342	MJA 99 MD59	2.2	4P
		MJAF 99 MD59	2.2	4P
4.9	305	MJ 99 MD59	3	4P
5.4	264	MJF 99 MD59	3	4P
6.6	232	MJA 99 MD59	3	4P
		MJAF 99 MD59	3	4P
7.1	199	MJ 99 MD59	4	4P
		MJF 99 MD59	4	4P
		MJA 99 MD59	4	4P
		MJAF 99 MD59	4	4P
8000N·m				
0.10	14311	MJ 109 MD70	0.12	4P
0.11	12211	MJF 109 MD70	0.12	4P
		MJA 109 MD70	0.12	4P
		MJAF 109 MD70	0.12	4P
0.13	10677	MJ 109 MD70	0.18	4P
0.14	9524	MJF 109 MD70	0.18	4P
0.16	8328	MJA 109 MD70	0.18	4P
		MJAF 109 MD70	0.18	4P
0.18	7270	MJ 109 MD70	0.25	4P
0.21	6184	MJF 109 MD70	0.25	4P
0.23	5662	MJA 109 MD70	0.25	4P
		MJAF 109 MD70	0.25	4P
0.27	5038	MJ 109 MD70	0.37	4P
0.32	4359	MJF 109 MD70	0.37	4P
0.36	3810	MJA 109 MD70	0.37	4P
		MJAF 109 MD70	0.37	4P
0.41	3358	MJ 109 MD70	0.55	4P
0.46	2977	MJF 109 MD70	0.55	4P
0.52	2589	MJA 109 MD70	0.55	4P
		MJAF 109 MD70	0.55	4P
0.60	2266	MJ 109 MD70	0.75	4P
0.71	1909	MJF 109 MD70	0.75	4P
		MJA 109 MD70	0.75	4P
		MJAF 109 MD70	0.75	4P
0.82	1713	MJ 109 MD70	1.1	4P
0.96	1554	MJF 109 MD70	1.1	4P
1.1	1338	MJA 109 MD70	1.1	4P
		MJAF 109 MD70	1.1	4P
1.2	1166	MJ 109 MD70	1.5	4P
1.4	1030	MJF 109 MD70	1.5	4P
1.6	904	MJA 109 MD70	1.5	4P
		MJAF 109 MD70	1.5	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
8000N·m				
1.8	765	MJ 109/MD79	2.2	4P
2.0	690	MJF 109/MD79	2.2	4P
2.3	615	MJA 109/MD79	2.2	4P
		MJAF 109/MD79	2.2	4P
2.7	522	MJ 109/MD79	3	4P
3.0	461	MJF 109/MD79	3	4P
		MJA 109/MD79	3	4P
		MJAF 109/MD79	3	4P
3.5	408	MJ 109/MD79	4	4P
3.9	368	MJF 109/MD79	4	4P
		MJA 109/MD79	4	4P
		MJAF 109/MD79	4	4P
4.5	318	MJ 109/MD79	5.5	4P
5.0	286	MJF 109/MD79	5.5	4P
5.7	251	MJA 109/MD79	5.5	4P
		MJAF 109/MD79	5.5	4P
13000N·m				
0.06	17556	MJ 129/MD79	0.18	4P
0.08	16006	MJF 129/MD79	0.18	4P
0.09	14675	MJA 129/MD79	0.18	4P
0.11	12255	MJAF 129/MD79	0.18	4P
0.12	10915	MJ 129/MD79	0.25	4P
0.13	9755	MJF 129/MD79	0.25	4P
		MJA 129/MD79	0.25	4P
		MJAF 129/MD79	0.25	4P
0.16	8463	MJ 129/MD79	0.37	4P
0.18	7595	MJF 129/MD79	0.37	4P
0.21	6565	MJA 129/MD79	0.37	4P
		MJAF 129/MD79	0.37	4P
0.23	5804	MJ 129/MD79	0.55	4P
0.27	5027	MJF 129/MD79	0.55	4P
0.31	4423	MJA 129/MD79	0.55	4P
0.35	3930	MJAF 129/MD79	0.55	4P
0.42	3311	MJ 129/MD79	0.75	4P
0.46	3039	MJF 129/MD79	0.75	4P
		MJA 129/MD79	0.75	4P
		MJAF 129/MD79	0.75	4P
0.54	2607	MJ 129/MD79	1.1	4P
0.62	2268	MJF 129/MD79	1.1	4P
		MJA 129/MD79	1.1	4P
		MJAF 129/MD79	1.1	4P
0.74	1907	MJ 129/MD79	1.1	4P
		MJF 129/MD79	1.1	4P
		MJA 129/MD79	1.1	4P
		MJAF 129/MD79	1.1	4P
0.91	1539	MJ 129/MD79	1.5	4P
0.91	1541	MJF 129/MD79	1.5	4P
		MJA 129/MD79	1.5	4P
		MJAF 129/MD79	1.5	4P
1.1	1326	MJ 129/MD79	2.2	4P
1.2	1177	MJF 129/MD79	2.2	4P
1.4	1014	MJA 129/MD79	2.2	4P
		MJAF 129/MD79	2.2	4P
1.6	899	MJ 129/MD79	3	4P
1.8	793	MJF 129/MD79	3	4P
2.0	708	MJA 129/MD79	3	4P
		MJAF 129/MD79	3	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
13000N·m				
2.3	630	MJ 129/MD79	4	4P
2.6	549	MJF 129/MD79	4	4P
		MJA 129/MD79	4	4P
		MJAF 129/MD79	4	4P
3.0	477	MJ 129/MD79	5.5	4P
3.4	410	MJF 129/MD79	5.5	4P
		MJA 129/MD79	5.5	4P
		MJAF 129/MD79	5.5	4P
2.6	536	MJ 129/MD99	4	4P
		MJF 129/MD99	4	4P
		MJA 129/MD99	4	4P
		MJAF 129/MD99	4	4P
3.0	473	MJ 129/MD99	5.5	4P
3.4	416	MJF 129/MD99	5.5	4P
		MJA 129/MD99	5.5	4P
		MJAF 129/MD99	5.5	4P
3.9	367	MJ 129/MD99	7.5	4P
4.3	336	MJF 129/MD99	7.5	4P
5.0	287	MJA 129/MD99	7.5	4P
		MJAF 129/MD99	7.5	4P
18000N·m				
0.08	17579	MJ 159/MD99	0.55	4P
0.09	15729	MJF 159/MD99	0.55	4P
0.09	14721	MJA 159/MD99	0.55	4P
0.10	13097	MJAF 159/MD99	0.55	4P
0.12	11068			
0.13	10114			
0.16	8716			
0.18	7734			
0.26	5694	MJ 159/MD99	1.1	4P
0.31	4584	MJF 159/MD99	1.1	4P
0.35	3970	MJA 159/MD99	1.1	4P
0.40	3596	MJAF 159/MD99	1.1	4P
0.48	3061			
0.54	2610	MJ 159/MD99	1.5	4P
0.61	2322	MJF 159/MD99	1.5	4P
		MJA 159/MD99	1.5	4P
		MJAF 159/MD99	1.5	4P
0.70	2029	MJ 159/MD99	2.2	4P
0.78	1805	MJF 159/MD99	2.2	4P
		MJA 159/MD99	2.2	4P
		MJAF 159/MD99	2.2	4P
0.85	1659	MJ 159/MD99	2.2	4P
1.0	1362	MJF 159/MD99	2.2	4P
		MJA 159/MD99	2.2	4P
		MJAF 159/MD99	2.2	4P
1.1	1229	MJ 159/MD99	3	4P
1.3	1093	MJF 159/MD99	3	4P
		MJA 159/MD99	3	4P
		MJAF 159/MD99	3	4P
1.5	842	MJ 159/MD99	4	4P
1.7	854	MJF 159/MD99	4	4P
1.9	758	MJA 159/MD99	4	4P
		MJAF 159/MD99	4	4P
2.2	661	MJ 159/MD99	5.5	4P
2.5	567	MJF 159/MD99	5.5	4P
		MJA 159/MD99	5.5	4P
		MJAF 159/MD99	5.5	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
18000N·m				
2.8	564	MJ 159/MD99	7.5	4P
3.3	434	MJF 159/MD99	7.5	4P
		MJA 159/MD99	7.5	4P
		MJAF 159/MD99	7.5	4P
5.0	291	MJ 159/MD99	11	4P
		MJF 159/MD99	11	4P
		MJA 159/MD99	11	4P
		MJAF 159/MD99	11	4P
4.6	299	MJ 159/MD109	11	4P
		MJF 159/MD109	11	4P
		MJA 159/MD109	11	4P
		MJAF 159/MD109	11	4P
5.8	253	MJ 159/MD109	15	4P
6.4	225	MJF 159/MD109	15	4P
6.9	213	MJA 159/MD109	15	4P
		MJAF 159/MD109	15	4P
32000N·m				
0.07	19723	MJ 169/MD99	0.55	4P
0.08	17486	MJH 169/MD99	0.55	4P
0.09	15000			
0.10	13238			
0.12	11573			
0.13	10264			
0.16	9628	MJ 169/MD99	0.75	4P
		MJH 169/MD99	0.75	4P
0.21	6662	MJ 169/MD99	1.1	4P
0.26	5355	MJH 169/MD99	1.1	4P
0.29	4769	MJ 169/MD99	1.5	4P
0.35	4079	MJH 169/MD99	1.5	4P
0.42	3376	MJ 169/MD99	2.2	4P
0.51	2755	MJH 169/MD99	2.2	4P
0.62	2263	MJ 169/MD99	3	4P
		MJH 169/MD99	3	4P
0.64	2152	MJ 169/MD99	3	4P
		MJH 169/MD99	3	4P
0.83	1704	MJ 169/MD99	4	4P
1.0	1408	MJH 169/MD99	4	4P
1.1	1256	MJ 169/MD99	5.5	4P
1.3	1191	MJH 169/MD99	5.5	4P
1.5	944	MJ 169/MD99	7.5	4P
1.7	843	MJH 169/MD99	7.5	4P
1.9	757			
2.6	561	MJ 169/MD99	11	4P
3.0	481	MJH 169/MD99	11	4P
3.5	423	MJ 169/MD99	15	4P
4.0	369	MJH 169/MD99	15	4P
4.6	310	MJ 169/MD109	18.5	4P
		MJH 169/MD109	18.5	4P
5.3	279	MJ 169/MD109	22	4P
6.0	244	MJH 169/MD109	22	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
32000N·m				
6.9	213	MJ 169/MD109	30	4P
7.1	206	MJH 169/MD109	30	4P
8.4	170			
9.2	160	MJ 169/MD109	37	4P
		MJH 169/MD109	37	4P
11	135	MJ 169/MD109	45	4P
12	116	MJH 169/MD109	45	4P
50000N·m				
0.04	32625	MJ 189/MD99	0.55	4P
0.05	27165	MJH 189/MD99	0.55	4P
0.06	24353			
0.07	19944			
0.08	16675			
0.10	14272	MJ 189/MD99	0.75	4P
0.11	13190	MJH 189/MD99	0.75	4P
0.12	11647			
0.13	10415	MJ 189/MD99	1.1	4P
0.15	8063	MJH 189/MD99	1.1	4P
0.17	8026			
0.19	7343	MJ 189/MD99	1.5	4P
0.21	6747	MJH 189/MD99	1.5	4P
0.24	5881			
0.26	5358	MJ 189/MD99	2.2	4P
0.29	4817	MJH 189/MD99	2.2	4P
0.32	4370			
0.39	3699	MJ 189/MD99	3	4P
0.46	3062	MJH 189/MD99	3	4P
0.56	2569	MJ 189/MD99	4	4P
0.63	2268	MJH 189/MD99	4	4P
0.69	2054			
0.79	1821	MJ 189/MD99	5.5	4P
0.89	1665	MJH 189/MD99	5.5	4P
1.0	1385	MJ 189/MD99	7.5	4P
1.2	1190	MJH 189/MD99	7.5	4P
2.0	736	MJ 189/MD99	15	4P
2.4	621	MJH 189/MD99	15	4P
2.9	507	MJ 189/MD99	18.5	4P
		MJH 189/MD99	18.5	4P
1.7	835	MJ 189/MD109	11	4P
		MJH 189/MD109	11	4P
2.0	729	MJ 189/MD109	15	4P
2.4	622	MJH 189/MD109	15	4P
2.8	526	MJ 189/MD109	18.5	4P
3.2	454	MJH 189/MD109	18.5	4P
4.1	355	MJ 189/MD109	30	4P
		MJH 189/MD109	30	4P
5.6	261	MJ 189/MD109	37	4P
		MJH 189/MD109	37	4P
6.6	221	MJ 189/MD109	45	4P
7.6	193	MJH 189/MD109	45	4P
9.2	160			

3.10 MJ系列输入轴型选型参数表

Model selection parameter form of input shaft type of MJ series

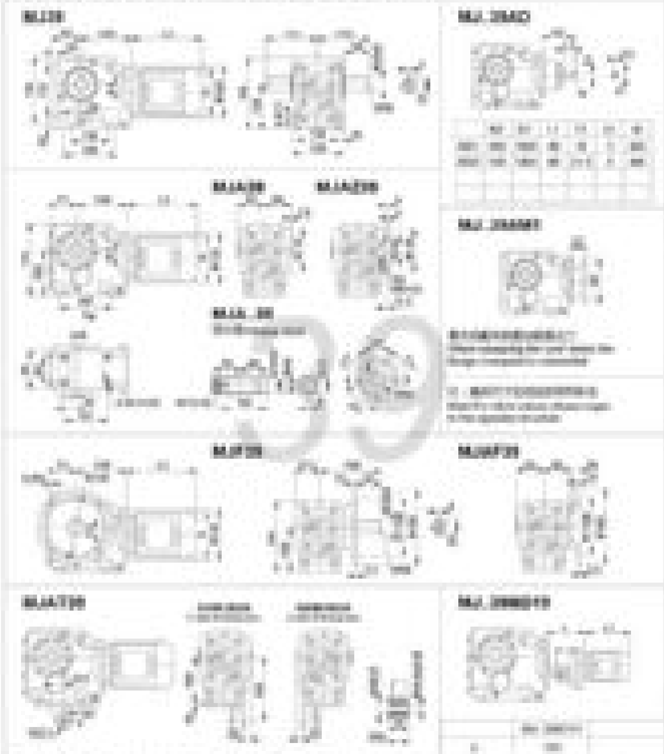
传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MJ39 AD... , n = 1400 1/min				**200 N·m**
106.58	13	200	0.32	MJ 39 AD1
97.81	14	200	0.35	MJF 39 AD1
83.69	17	200	0.41	MJA 39 AD1
72.54	19	200	0.46	MJAF 39 AD1
67.80	21	200	0.50	
59.60	24	200	0.57	
49.70	28	200	0.66	
44.48	31	200	0.74	
37.97	37	200	0.86	
35.57	39	200	0.92	
29.96	47	200	1.1	MJ 39 AD2
28.83	49	200	1.1	MJF 39 AD2
24.69	56	200	1.3	MJA 39 AD2
23.38	60	195	1.3	MJAF 39 AD2
20.19	69	165	1.5	
17.15	82	139	1.7	
15.32	91	125	1.8	
13.09	107	165	2.0	
12.14	115	160	2.1	
10.49	133	160	2.4	
8.91	157	160	2.8	
7.96	176	155	3.0	
6.80	206	156	3.4	
6.37	220	145	3.6	
5.38	261	148	4.1	
MJ49 AD... , n = 1400 1/min				**400 N·m**
108.87	11	400	0.52	MJ 49 AD2
101.48	12	400	0.55	MJF 49 AD2
104.37	13	400	0.65	MJA 49 AD2
90.86	15	400	0.73	MJAF 49 AD2
85.12	16	400	0.78	
75.20	19	400	0.86	
69.84	20	400	0.94	
63.38	22	400	1.0	
56.83	25	400	1.1	
49.95	29	400	1.3	
46.04	33	400	1.4	
39.61	35	400	1.6	
35.39	40	400	1.8	
31.30	45	400	2.0	
29.32	48	400	2.2	
25.91	54	400	2.4	
24.06	58	400	2.6	
21.81	64	400	2.9	
18.58	72	400	3.2	
16.86	83	389	3.5	
15.66	88	389	3.7	
13.85	103	389	4.1	
12.19	115	350	4.5	
11.77	119	289	3.7	
10.56	133	289	4.1	
9.19	154	289	4.8	
8.58	164	270	4.9	MJ 49 AD3
7.96	180	250	5.3	MJF 49 AD3
6.58	218	248	5.7	MJA 49 AD3
5.62	249	230	6.4	MJAF 49 AD3

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MJ59 AD... , n = 1400 1/min				**600 N·m**
146.15	9.7	600	0.69	MJ 59 AD2
123.05	11	600	0.80	MJF 59 AD2
108.29	13	600	0.91	MJA 59 AD2
101.66	14	600	0.97	MJAF 59 AD2
90.26	16	600	1.1	
76.58	18	600	1.3	
69.12	20	600	1.4	
60.81	23	600	1.6	
57.42	24	600	1.7	
48.89	29	600	2.0	
44.43	32	600	2.2	
38.49	36	600	2.5	
35.70	39	600	2.6	
30.28	46	600	3.1	
27.34	51	600	3.4	
24.05	58	600	3.9	
22.71	62	600	4.1	
19.34	72	575	4.6	
17.57	80	555	4.9	
15.22	92	535	5.5	MJ 59 AD3
13.25	106	510	6.0	MJF 59 AD3
11.92	117	415	5.4	MJA 59 AD3
11.26	124	415	5.7	MJAF 59 AD3
9.59	146	405	6.6	
8.71	161	390	7.0	
7.55	186	365	7.5	
6.57	213	345	8.2	
MJ69 AD... , n = 1400 1/min				**820 N·m**
144.79	9.7	820	0.92	MJ 69 AD2
123.54	11	820	1.1	MJF 69 AD2
108.03	13	820	1.2	MJA 69 AD2
101.43	14	820	1.3	MJAF 69 AD2
90.04	16	820	1.5	
76.37	18	820	1.7	
68.95	20	820	1.9	
60.66	23	820	2.2	
57.28	24	820	2.3	
48.77	29	820	2.7	
44.32	32	820	2.9	
38.39	36	800	3.3	
35.63	39	820	3.6	
30.21	46	820	4.3	MJ 69 AD3
27.27	51	820	4.7	MJF 69 AD3
23.99	58	800	5.2	MJA 69 AD3
22.66	62	780	5.4	MJAF 69 AD3
19.29	73	700	6.1	
17.53	80	740	6.6	
15.19	92	700	7.2	
13.22	106	670	7.9	
12.48	112	530	6.6	
10.63	132	500	7.3	
9.66	145	480	7.8	
8.37	167	440	8.2	
7.28	192	420	9.0	

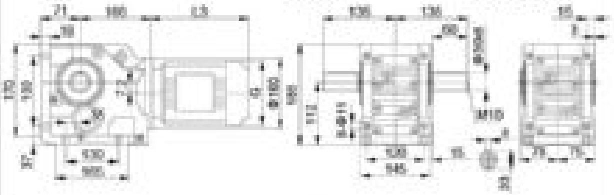
传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MJ79 AD... , n = 1400 1/min				**1550 N·m**
162.16	7.3	1040	1.1	MJ 79 AD2
127.76	2.9	1160	1.1	MJF 79 AD2
104.02	9.1	1550	1.6	MJA 79 AD2
105.29	10	1550	1.6	MJAF 79 AD2
127.32	11	1550	1.9	
113.56	12	1550	2.2	
97.65	14	1550	2.5	
88.08	16	1550	2.7	
79.07	18	1550	3.1	
73.99	19	1550	3.3	
64.70	22	1550	3.8	
58.34	24	1550	4.2	
51.88	27	1550	4.7	
45.16	31	1550	5.4	
40.04	35	1550	6.1	MJ 79 AD3
38.39	36	1460	6.1	MJF 79 AD3
34.84	40	1410	6.3	MJA 79 AD3
30.68	45	1550	7.0	MJAF 79 AD3
29.26	48	1550	8.3	MJ 79 AD4
25.61	55	1550	9.4	MJF 79 AD4
23.08	61	1550	10.5	MJA 79 AD4
20.24	69	1500	11.6	MJAF 79 AD4
17.98	78	1450	12.7	
16.64	84	1400	13.8	
13.52	104	1340	15.5	
12.35	113	1000	12.6	
10.54	129	990	14.2	
9.56	148	940	15.3	
8.48	165	896	16.4	
7.24	193	785	16.9	
MJ89 AD... , n = 1400 1/min				**2700 N·m**
197.57	7.1	2700	2.2	MJ 89 AD3
174.10	8.0	2700	2.4	MJF 89 AD3
164.34	8.5	2700	2.6	MJA 89 AD3
147.30	9.5	2700	2.9	MJAF 89 AD3
126.91	11	2700	3.4	
115.82	12	2700	3.7	
102.71	14	2700	4.1	
88.34	16	2700	4.9	
79.34	18	2700	5.4	MJ 89 AD3
70.46	20	2700	6.0	MJF 89 AD3
63.09	22	2700	6.8	MJA 89 AD3
56.64	25	2700	7.5	MJAF 89 AD3
49.16	28	2700	8.6	
44.02	32	2660	9.2	
38.52	38	2500	10.7	
31.58	45	2700	13.4	MJ 89 AD4
27.87	50	2600	14.5	MJF 89 AD4
24.92	56	2500	15.6	MJA 89 AD4
22.40	62	2300	16.9	MJAF 89 AD4
19.45	72	2300	19.4	
17.41	80	2200	20	
16.00	88	1900	17.5	
14.44	97	2100	23	
12.56	111	2000	25	
11.10	125	1500	21	
10.00	140	1500	23	MJ 89 AD5
9.29	169	1400	26	MJF 89 AD5
7.21	194	1300	28	MJA 89 AD5
				MJAF 89 AD5

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MJ99 AD... , n = 1400 1/min				**4300 N·m**
176.04	8.0	4300	3.8	MJ 99 AD3
153.21	9.1	4300	4.4	MJF 99 AD3
140.29	10	4300	4.8	MJA 99 AD3
123.94	11	4300	5.5	MJAF 99 AD3
105.13	13	4300	6.4	
96.81	14	4300	7.0	
86.51	16	4300	7.8	
77.83	18	4300	8.6	
70.53	20	4300	9.5	
62.50	22	4300	10.8	MJ 99 AD4
56.56	25	4300	12.0	MJF 99 AD4
47.03	29	4300	14.0	MJA 99 AD4
41.69	33	4300	16.0	MJAF 99 AD4
38.29	37	4300	17.5	MJ 99 AD5
34.22	41	4300	20	MJF 99 AD5
30.51	45	4300	22	MJA 99 AD5
27.90	50	4300	24	MJAF 99 AD5
24.74	57	4300	27	
22.37	63	4300	30	
19.96	74	4300	35	
16.56	85	4300	40	
13.85	101	4300	48	MJ 99 AD6
11.93	117	3890	50	MJF 99 AD6
				MJA 99 AD6
				MJAF 99 AD6
10.41	134	2870	43	MJ 99 AD5
				MJF 99 AD5
				MJA 99 AD5
				MJAF 99 AD5
8.79	161	2660	46	MJ 99 AD6
				MJF 99 AD6
				MJA 99 AD6
				MJAF 99 AD6
MJ109 AD... , n = 1400 1/min				**8000 N·m**
143.47	9.8	8000	6.6	MJ 109 AD4
121.46	12	8000	10.3	MJF 109 AD4
112.41	12	8000	11.1	MJA 109 AD4
106.75	14	8000	12.4	MJAF 109 AD4
90.06	15	8000	13.7	
82.61	17	8000	15.1	
73.30	19	8000	17.0	
66.52	21	8000	19.0	
57.17	24	8000	22	
49.90	28	7840	24	
42.33	33	7360	27	MJ 109 AD5
37.00	38	7280	30	MJF 109 AD5
32.56	43	7280	34	MJA 109 AD5
29.48	48	6800	35	MJAF 109 AD5
28.99	48	7280	39	MJ 109 AD6
26.31	53	7280	43	MJF 109 AD6
22.01	62	7280	49	MJA 109 AD6
19.74	71	7170	56	MJAF 109 AD6
16.74	84	6660	56	
14.63	96	5310	56	
13.43	104	4300	49	
11.72	119	4280	56	
9.04	141	3810	56	
8.69	161	3550	56	

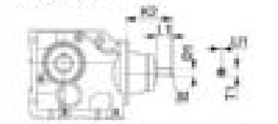
3.11 MJ系列安装尺寸图 Installation size figure of MJ series



MJ49 MJAB49



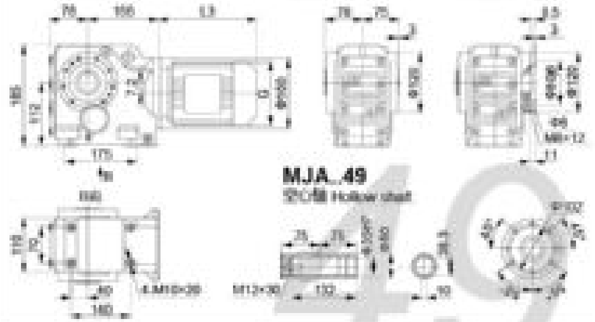
MJ..49AD



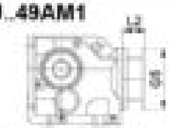
	K2	D1	L1	T1	U1	M
AD2	123	19k6	40	21.5	6	M6
AD3	159	24k6	50	27	8	M8

MJA49 MJAZ49

MJA..49 空心轴 Hollow shaft



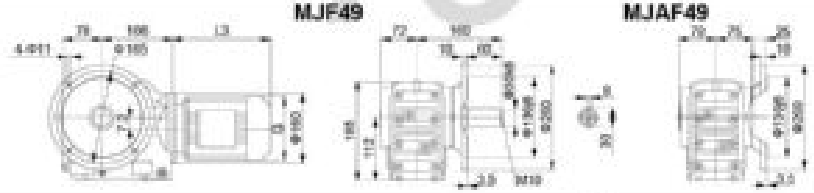
MJ..49AM1



需方自配电机需加联接法兰
When equipping the user' motor,the flange is required to connected

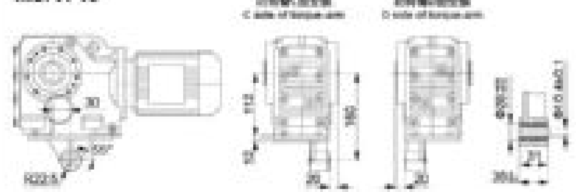
注：其余尺寸见按配的结构形式
Note:For other values please reger to the oppsited structure

MJF49 MJAF49

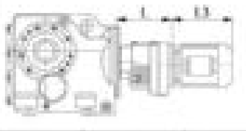


MJAT49

扭矩臂C型安装 C side of torque arm
扭矩臂D型安装 D side of torque arm



MJ..49MD39



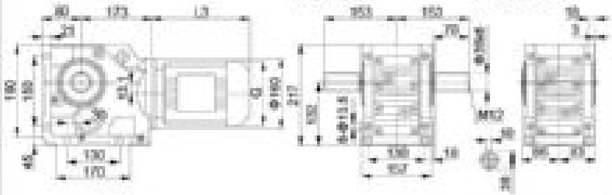
	MJ..49MD39
L	165

Y系列电机机座号 Motor size 功率 Power(kw)	63		71		80		90S	90L	100	
	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0
L3	209		241		298		310	335	365	
G	130		145		175		195	195	215	
L2	56		57		72		72	72	68	
G6	140		160		200		200	200	250	

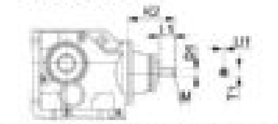
注：1.MJA、MJF、MJAF、MJAZ壳体为通用件,安装尺寸可相互参照
2."MJ.."表示MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.带胀套连接的结构,胀套尺寸参见P009-P010

Note: 1.The housings of MJA、MJF、MJAF、MJAZ are common parts,the mounting dimensions may consult each other
2."MJ.." means MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate

MJ59 MJAB59



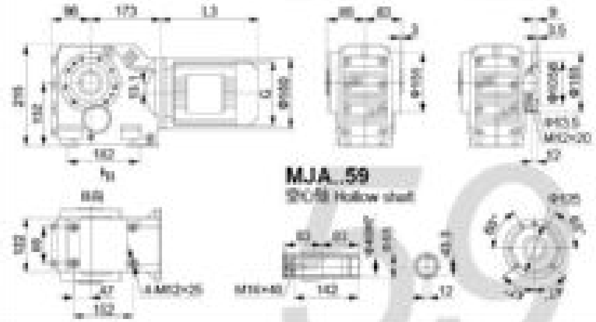
MJ..59AD



	K2	D1	L1	T1	U1	M
AD2	123	19k6	40	21.5	6	M6
AD3	159	24k6	50	27	8	M8

MJA59 MJAZ59

MJA..59 空心轴 Hollow shaft

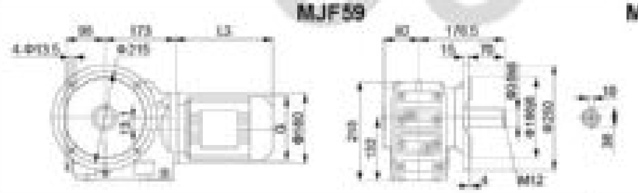


MJ..59AM1

需方自配电机需加联接法兰
When equipping the user' motor,the flange is required to connected

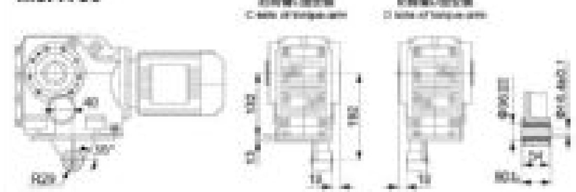
注：其余尺寸见按配的结构形式
Note:For other values please reger to the oppsited structure

MJF59 MJAF59

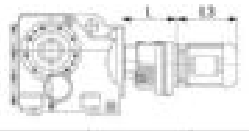


MJAT59

扭矩臂C型安装 C side of torque arm
扭矩臂D型安装 D side of torque arm



MJ..59MD39



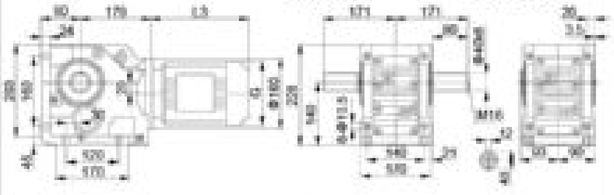
	MJ..59MD39
L	165

Y系列电机机座号 Motor size 功率 Power(kw)	63		71		80		90S	90L	100		112M
	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0
L3	209		241		290		310	335	365		332
G	130		145		175		195	195	215		240
L2	56		57		72		72	72	68		98
G6	140		160		200		200	200	250		250

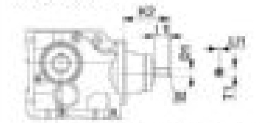
注：1.MJA、MJF、MJAF、MJAZ壳体为通用件,安装尺寸可相互参照
2."MJ.."表示MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.带胀套连接的结构,胀套尺寸参见P009-P010

Note: 1.The housings of MJA、MJF、MJAF、MJAZ are common parts,the mounting dimensions may consult each other
2."MJ.." means MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate

MJ69 / MJAB69

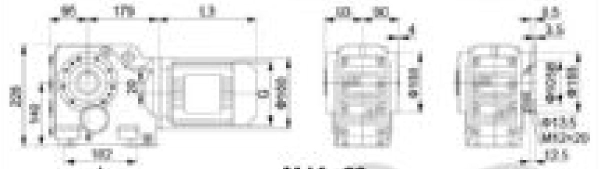


MJ..69AD

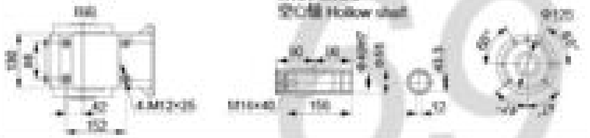


	K2	D1	L1	T1	U1	M
AD2	123	19k6	40	21.5	6	M6
AD3	159	24k6	50	27	8	M8

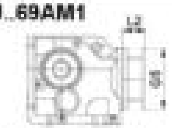
MJA69 / MJAZ69



MJA..69 空心轴 Hollow shaft



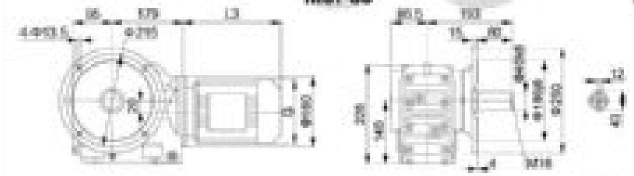
MJ..69AM1

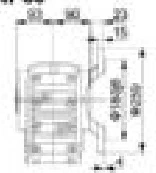


需方自配电机需加联接法兰
When equipping the user' motor,the flange is required to connected

注：其余尺寸见相应的结构形式
Note:For other values please regar to the oppsited structure

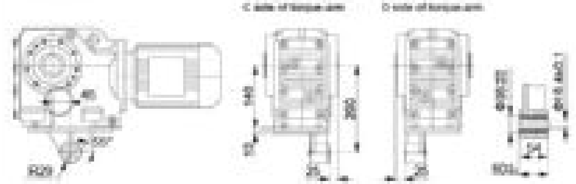
MJF69 / MJAF69



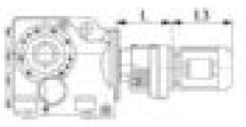


MJAT69

扭转臂C面安装 C side of torque arm
扭转臂D面安装 D side of torque arm



MJ..69MD39



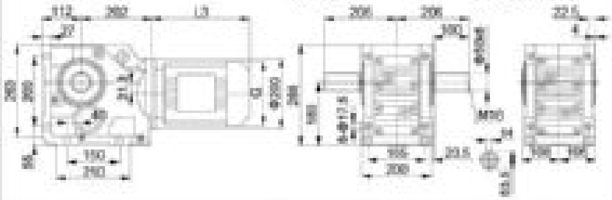
	MJ..69MD39
L	165

Y系列电机机座号 Motor size	63	71		80		90S	90L	100		112M	132S
功率 Power(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5
L3	209	241		298		310	335	365		392	434
G	130	145		175		195	195	215		240	275
L2	56	57		72		72	72	68		98	105
G5	140	160		200		200	200	250		250	300

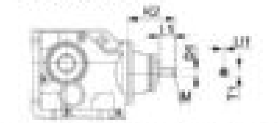
注：1.MJA、MJF、MJAF、MJAZ壳体为通用件,安装尺寸可相互参照
2."MJ.."表示MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.带胀套连接结构形式,胀套盘尺寸请见P009-P010

Note: 1.The housings of MJA、MJF、MJAF、MJAZ are common parts,the mounting dimensions may consult each other.
2."MJ.." means MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate

MJ79 / MJAB79

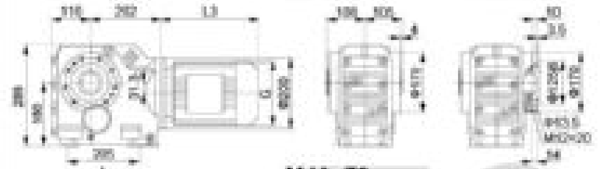


MJ..79AD



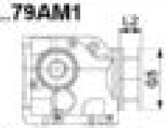
	K2	D1	L1	T1	U1	M
AD2	156	19k6	40	21.5	6	M6
AD3	151	24k6	50	27	8	M8
AD4	224	38k6	80	41	10	M12

MJA79 / MJAZ79



MJA..79 空心轴 Hollow shaft

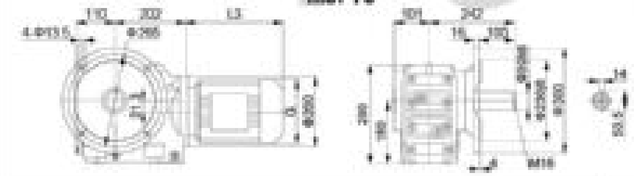
MJ..79AM1



需方自配电机需加联接法兰
When equipping the user' motor,the flange is required to connected

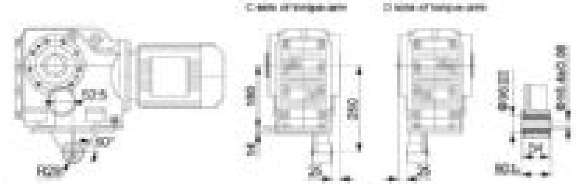
注：其余尺寸见相应的结构形式
Note:For other values please regar to the oppsited structure

MJF79 / MJAF79

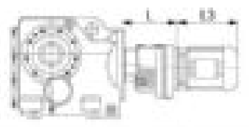


MJAT79

扭转臂C面安装 C side of torque arm
扭转臂D面安装 D side of torque arm



MJ..79MD39



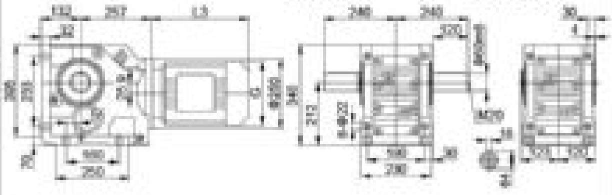
	MJ..79MD39
L	157

Y系列电机机座号 Motor size	71	80		90S	90L	100		112M	132S	132M	160M
功率 Power(kw)	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11
L3	217	300		315	341	368		390	441	479	532
G	145	175		195	195	215		240	275	275	330
L2	57	72		72	72	68		68	105	105	129
G5	160	200		200	200	250		250	300	300	350

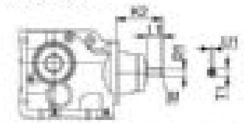
注：1.MJA、MJF、MJAF、MJAZ壳体为通用件,安装尺寸可相互参照
2."MJ.."表示MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.带胀套连接结构形式,胀套盘尺寸请见P009-P010

Note: 1.The housings of MJA、MJF、MJAF、MJAZ are common parts,the mounting dimensions may consult each other.
2."MJ.." means MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate

MJ89 MJAB89

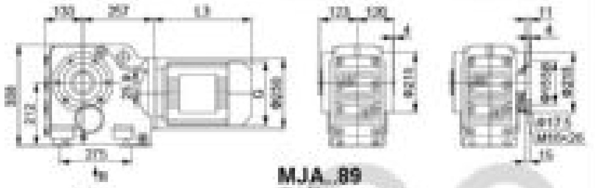


MJ..89AD



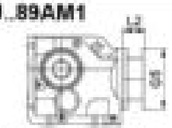
	K2	D1	L1	T1	U1	M
AD2	111	19k6	40	21.5	6	M6
AD3	156	28k6	60	31	8	M10
AD4	210	38k6	80	41	10	M12
AD5	262	42k6	110	45	12	M16

MJA89 MJAZ89



MJA..89 空心轴 Hollow shaft

MJ..89AM1



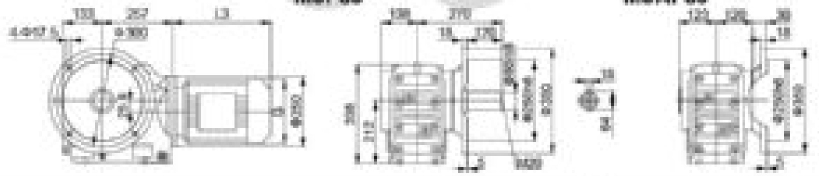
需方自配电机时需加联接法兰

When equipping the user' motor, the flange is required to connected

注：其余尺寸见相应的结构形式

Note: For other values please reger to the oppsited structure

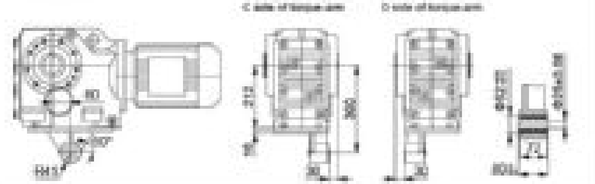
MJF89 MJAF89



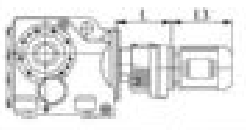
MJAT89

扭转臂C面安装 C side of torque arm

扭转臂D面安装 D side of torque arm



MJ..89MD59



	MJ..89MD59
L	210

Y2电机机座号 motor size 功率 Power (kw)	80	90S	90L	100		112M	132S	132M	160M	160L	180M	180L
	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22
L3	292	300	325	350		395	441	479	532	576	607	645
G	175	195	195	215		240	275	275	330	330	380	380
L2	62	62	62	74		74	98	98	119	119	119	119
G6	200	200	200	250		250	300	300	350	350	350	350

注：1.MJA、MJF、MJAF、MJAZ壳体为通用件,安装尺寸可以互相参照

2."MJ.."表示MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ

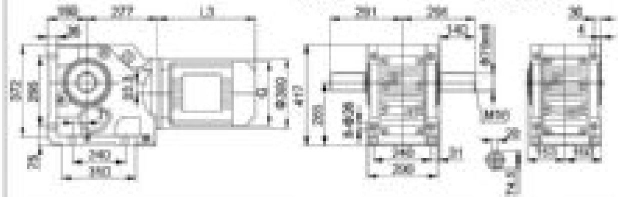
3.带胀套连接的形式,胀套盘尺寸请见P009-P010

Note: 1.The housings of MJA、MJF、MJAF、MJAZ are common parts,the mounting dimensions may consult each other

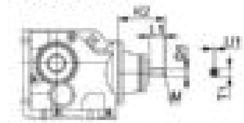
2."MJ.." means MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ

3.With expansion plate structural forms,see PageP009-P010 for size details of expansion plate

MJ99 MJAB99

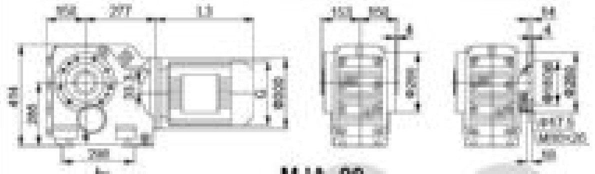


MJ..99AD



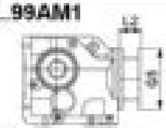
	K2	D1	L1	T1	U1	M
AD3	151	28k6	60	31	8	M10
AD4	214	38k6	80	41	10	M12
AD5	287	42k6	110	45	12	M16
AD6	327	48k6	110	51.5	14	M16

MJA99 MJAZ99



MJA..99 空心轴 Hollow shaft

MJ..99AM1



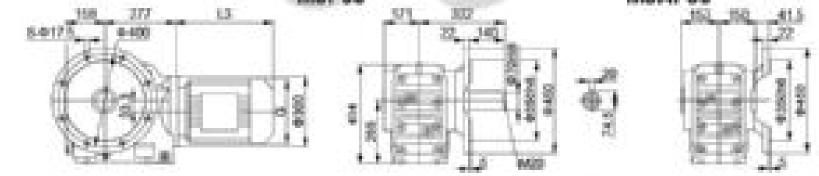
需方自配电机时需加联接法兰

When equipping the user' motor, the flange is required to connected

注：其余尺寸见相应的结构形式

Note: For other values please reger to the oppsited structure

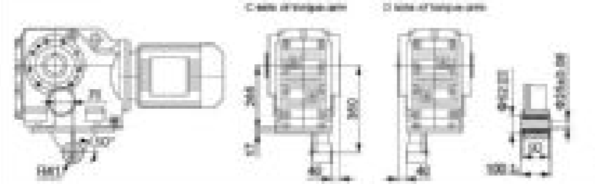
MJF99 MJAF99



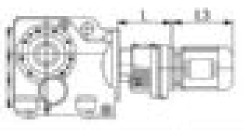
MJAT99

扭转臂C面安装 C side of torque arm

扭转臂D面安装 D side of torque arm



MJ..99MD59



	MJ..99MD59
L	211

Y2电机机座号 motor size 功率 Power (kw)	90S	90L	100		112M	132S	132M	160M	160L	180M	180L	200L
	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22	30
L3	306	331	358		385	434	472	538	582	667	645	680
G	195	195	215		240	275	275	330	330	380	380	420
L2	50	50	58		58	92	92	113	113	113	113	123
G6	200	200	250		250	300	300	350	350	350	350	400

注：1.MJA、MJF、MJAF、MJAZ壳体为通用件,安装尺寸可以互相参照

2."MJ.."表示MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ

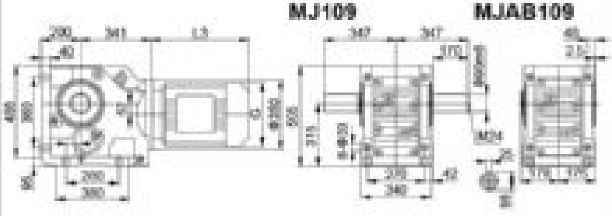
3.带胀套连接的形式,胀套盘尺寸请见P009-P010

Note: 1.The housings of MJA、MJF、MJAF、MJAZ are common parts,the mounting dimensions may consult each other

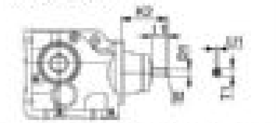
2."MJ.." means MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ

3.With expansion plate structural forms,see PageP009-P010 for size details of expansion plate

MJ109 MJAB109

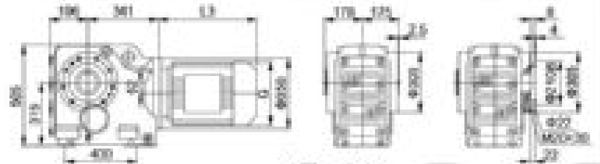


MJ..109AD

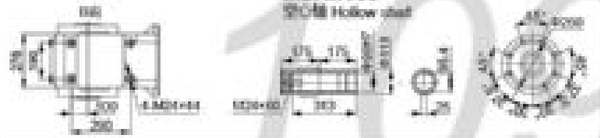


	K2	D1	L1	T1	U1	M
AD3	145	28k6	60	31	8	M10
AD4	208	38k6	80	41	10	M12
AD5	261	40k6	110	45	12	M16
AD6	321	48k6	110	51.5	14	M16

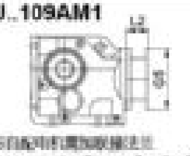
MJA109 MJAZ109



MJA..109 空心轴 Hollow shaft



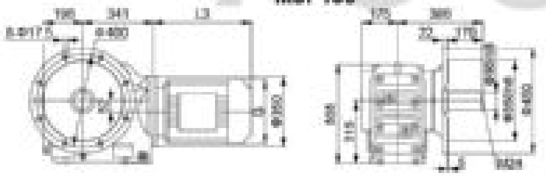
MJ..109AM1



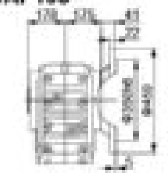
需方自配电机需加接法兰
When equipping the user' motor,the flange is required to connected

注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

MJF109

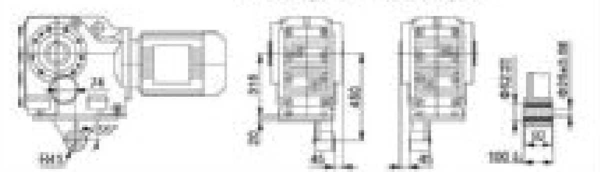


MJAF109



MJAT109

扭矩臂C侧安装 C side of torque-arm
扭矩臂D侧安装 D side of torque-arm



MJ..109MD79

	MJ..109MD79
L	247

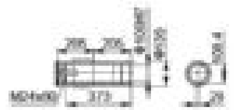
Y系列电机机座号 motor size	100	112M	132S	132M	160M	160L	180M	180L	200L	225S	225M
功率(kw) Power(kw)	3.0	4.0	5.5	7.5	11	15	18.5	22	30	37	45
L3	358	385	423	461	506	552	585	623	683	720	745
G	215	240	275	275	330	330	380	380	420	470	470
L2	50	50	92	92	113	113	113	113	123	123	123
G5	250	250	300	300	350	350	350	350	400	450	450

注：1.MJA、MJF、MJAF、MJAZ的箱体为通用件,安装尺寸可相互参照
2."MJ.."表示MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.带胀套连接的形式,胀套尺寸详见P009-P010

Note:1.The housings of MJA、MJF、MJAF、MJAZ are common parts,the mounting dimensions may consult each other.
2."MJ.." means MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate.

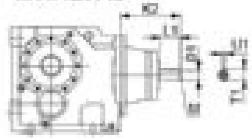
MJ129 MJA(MJAB)129

MJA..129 空心轴 Hollow shaft



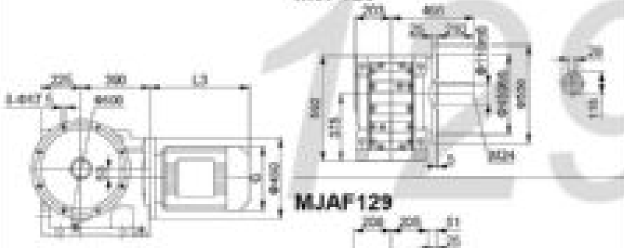
MJAZ129

MJ..129AD

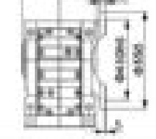


	K2	D1	L1	T1	U1	M
AD4	193	38k6	80	41	10	M12
AD5	266	42k6	110	45	12	M16
AD6	306	48k6	110	51.5	14	M16
AD7	300	55m6	110	59	16	M20
AD8	383	70m6	140	74.5	20	M20

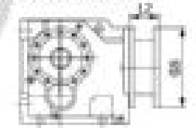
MJF129



MJAF129



MJ..129AM1

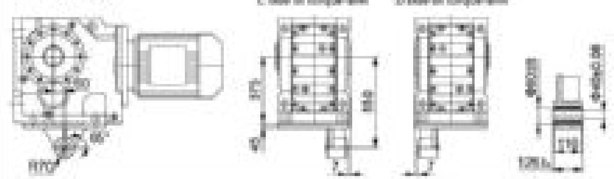


需方自配电机需加接法兰
When equipping the user' motor,the flange is required to connected

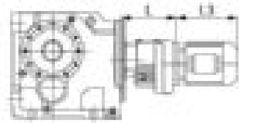
注：其余尺寸见相应的结构形式
Note:For other values please reger to the oppsited structure

MJAT129

扭矩臂C侧安装 C side of torque-arm
扭矩臂D侧安装 D side of torque-arm



MJ..129MD79(MD89)



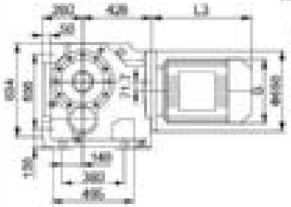
	MJ..129MD79	MJ..129MD89
L	232	280

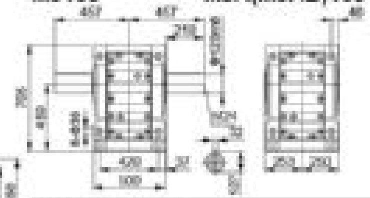
Y系列电机机座号 motor size	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M
功率(kw) Power(kw)	7.5	11	15	18.5	22	30	37	45	55	75	90
L3	461	511	555	585	623	673	690	724	794	847	847
G	275	330	330	380	380	420	470	470	510	580	580
L2	78	112	112	112	112	130	135	135	139	139	139
G5	300	350	350	350	350	400	450	450	550	550	550

注：1.MJA、MJF、MJAF、MJAZ的箱体为通用件,安装尺寸可相互参照
2."MJ.."表示MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.带胀套连接的形式,胀套尺寸详见P009-P010

Note:1.The housings of MJA、MJF、MJAF、MJAZ are common parts,the mounting dimensions may consult each other.
2."MJ.." means MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate.

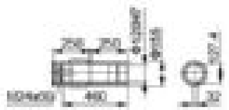
MJ159 MJA(MJAB)159



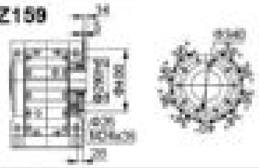


MJA..159

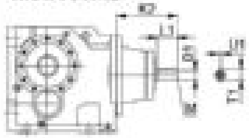
Hollow shaft



MJAZ159

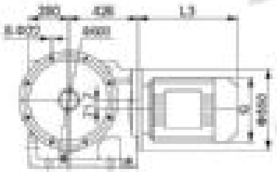


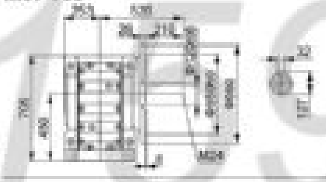
MJ..159AD



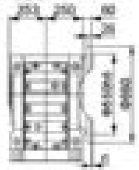
	K2	D1	L1	T1	U1	M
AD5	258	42m6	110	45	12	M16
AD6	298	48m6	110	51.5	14	M16
AD7	292	55m6	110	59	16	M20
AD8	374	70m6	140	74.5	20	M20

MJF159

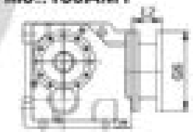




MJAF159



MJ..159AM1



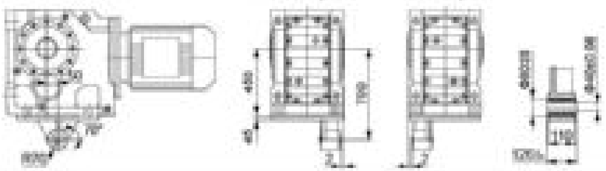
When equipping the user' motor, the flange is requied to connected

Note: For other values please reger to the oppsited structure

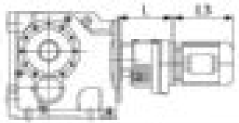
MJAT159

C side of torque arm

D side of torque arm



MJ..159MD99(MD109)

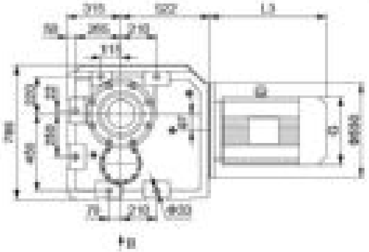


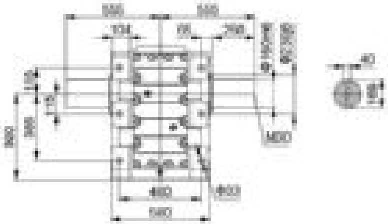
	MJ..159MD99	MJ..159MD109
L	325	382

Motor size	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L
Power (kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160
L3	511	555	585	623	673	699	724	794	847	847	1100	1180	1270
G	330	330	380	380	420	470	470	510	580	580	645	645	645
L2	101	101	101	101	111	116	116	120	120	120	170	170	170
G6	350	350	350	350	400	450	450	550	550	550	660	660	660

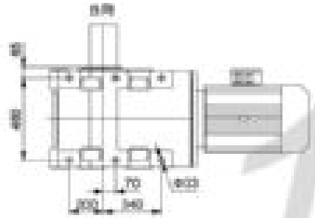
Note: 1.The housings of MJA、MJF、MJAF、MJAZ are common parts,the mounting dimensions may consult each other.
2."MJ.." means MJ、MJA、MJF、MJAF、MJAZ、MJAT、MJAB、MJHB、MJHF、MJH、MJHT、MJHZ
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate.

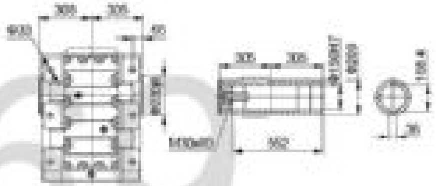
MJ169



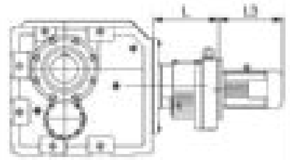


MJA169



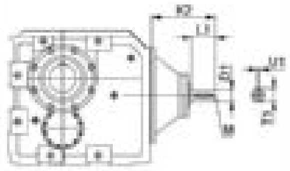


MJ..169MD99(MD109)



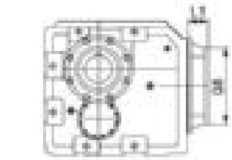
	MJ..169MD99	MJ..169MD109
L	325	382

MJ..169AD



	K2	D1	L1	T1	U1	M
AD5	258	42m6	110	45	12	M16
AD6	298	48m6	110	51.5	14	M16
AD7	292	55m6	110	59	16	M20
AD8	374	70m6	140	74.5	20	M20

MJ..169AM1



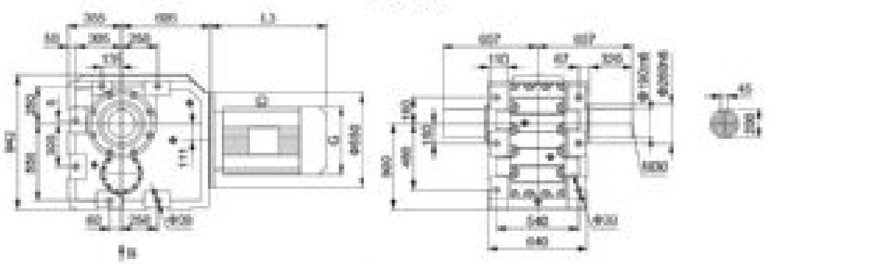
When equipping the user' motor, the flange is requied to connected

Note: For other values please reger to the oppsited structure

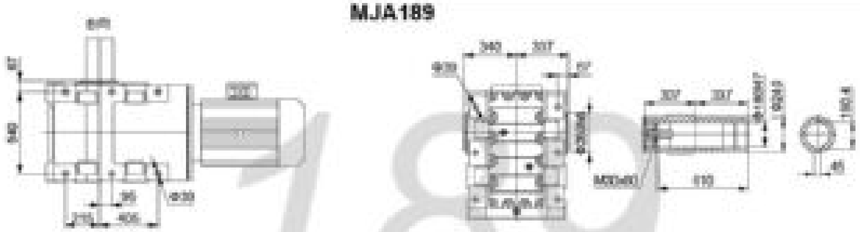
Motor size	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	
Power (kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160	200
L3	511	555	585	623	673	699	724	794	847	847	1100	1180	1270	
G	330	330	380	380	420	470	470	510	580	580	645	645	645	
L2	101	101	101	101	111	116	116	120	120	120	170	170	170	
G6	350	350	350	350	400	450	450	550	550	550	660	660	660	

Note: 1.The above shafts are common parts, and the installation sizes can be mutually referred to.
2."MJ.." means MJ、MJA、MJH.
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate.

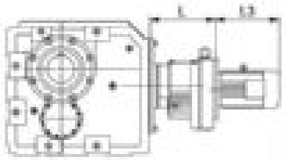
MJ189



MJA189

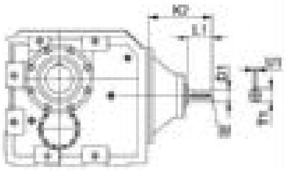


MJ..189MD99(MD109)



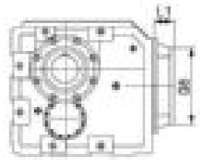
	MJ..189MD99	MJ..189MD109
L	325	382

MJ..189AD



	K2	D1	L1	T1	U1	M
AD5	258	42k6	110	45	12	M16
AD6	298	48k6	110	51.5	14	M16
AD7	292	55m6	110	59	16	M20
AD8	374	70m6	140	74.5	20	M20

MJ..189AM1



When equipping the user' motor,the flange is required to connected

Note:For other values please roger to the appointed structure

Motor size / Power(kw)	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L
Power(kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160 / 200
L3	511	555	585	620	673	699	724	794	847	847	1100	1180	1270
G	330	330	380	380	420	470	470	510	580	580	645	645	645
L2	105	101	101	105	111	116	116	120	120	120	170	170	170
G6	350	350	350	350	400	450	450	550	550	550	660	660	660

Note: 1.The above shafts are common parts, and the installation sizes can be mutually referred to.
2."MJ.." means MJ、MJA、MJH.
3.With expansion plate structural forms,see PageP009-P010 for size details of expansion plate.

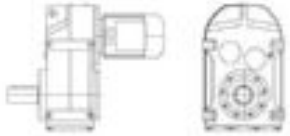
MP SERIES

PARALLEL SHAFT HELICAL GEAR REDUCTOR

MP系列 平行轴斜齿轮减速机

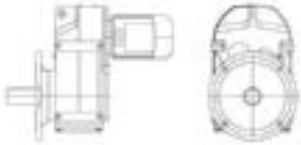
4.1 MP系列结构型式说明 Description to structural form of MP series

1) MP型
底脚安装平行轴斜齿轮减速机
Model MP
Foot-mounted parallel shaft helical gear reductor

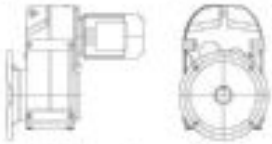


2) MPAB型
底脚空心轴安装平行轴斜齿轮减速机
Model MPAB
Foot-mounted parallel shaft helical gear reductor with hollow shaft

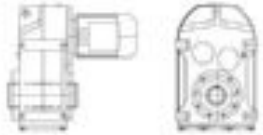
3) MPF型
B5法兰安装平行轴斜齿轮减速机
Model MPF
Parallel shaft helical gear reductor in B5 flange-mounted version



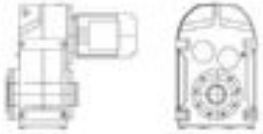
4) MPAF型
B5法兰空心轴安装平行轴斜齿轮减速机
Model MPAF
Parallel shaft helical gear reductor in B5 flange-mounted version with hollow shaft



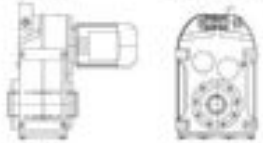
5) MPA型
空心轴安装平行轴斜齿轮减速机
Model MPA
Parallel shaft helical gear reductor with hollow shaft



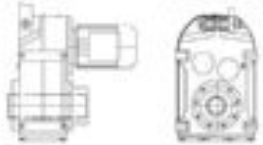
6) MPAZ型
B14法兰空心轴安装平行轴斜齿轮减速机
Model MPAZ
Parallel shaft helical gear reductor in B14 flange- mounted version with hollow shaft



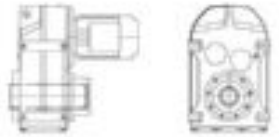
7) MPAT型
空心轴安装附传臂扭矩平行轴斜齿轮减速机
Model MPAT
Hollow shaft installation parallel shaft bevel gear speed reducer with rotary arm fixation resistance



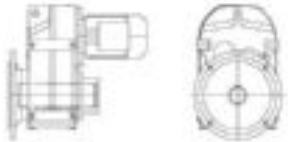
8) MPHT型
胀紧盘安装附传臂扭矩平行轴斜齿轮减速机
Model MPHT
Expansion plate installation parallel shaft bevel gear speed reducer with rotary arm fixation resistance



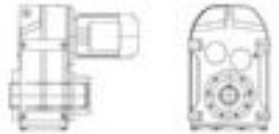
9) MPHB型
底脚胀紧盘安装平行轴斜齿轮减速机
Model MPHB
Foot and expansion plate installation parallel shaft bevel gear speed reducer



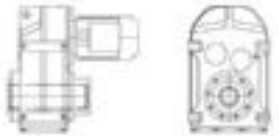
10) MPHF型
B5法兰胀紧盘安装平行轴斜齿轮减速机
Model MPHF
B5 flange and expansion plate installation parallel shaft bevel gear speed reducer



11) MPH 型
胀紧盘安装平行轴斜齿轮减速机
Model MPH
Expansion plate installation parallel shaft bevel gear speed reducer



12) MPHZ 型
B14法兰胀紧盘安装平行轴斜齿轮减速机
Model MPHZ
B14 flange and expansion plate installation parallel shaft bevel gear speed reducer

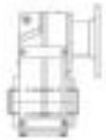


组合型
MP_MD型（...代表以上所有结构形式）
MP系列与MD系列组合减速机
Combined type
MP_MD model (representing all the above structural forms)
MP series and MD series combined speed reducer

输入部分配置
Input allocation

Y
电机直联型（标准配置）
Motor direct connecting type
(stand configuration)

AM1
联轴法兰型
Coupling flange type



AD
输入轴型
Input shaft type

4.2 MP系列型号表示法 Model expression way of MP series

输入轴型 Input-shaft style	MP	F	79	MD	39	- AD1 -		480 - M1
输入轴型号 Input shaft model								
普通机型 Ordinary machine model	MP	F	79	MD	39 - Y	0.55 - 4P - 180° - 1 - AM1 - 480 - M1		

减速机类型 Gear units type

结构型式 Structure

机型号 Type

组合减速机（单机型省略） Combined speed reducer (omitted for single machine)

组合减速机机型号（单机型省略） Model of combined speed reducer (omitted for single machine)

电机类型 Motor types

电机功率 Motor power

电机极数 Motor pole

接线盒角度 Angle of wiring box

进线口位置（默认位置X省略） Wire inlet position (default position X omitted)

联接法兰（标准配置省略） Coupling flange (Omitted if it is standard specification)

传动比 Ratio

安装形式 Mounting position

减速机类型：MP系列平行轴斜齿轮减速机		Gear unit type:MP series parallel shaft helical gear reductor	
结构型式：	（见P151-P152页）	Structure:	(See P151-P152)
普通轴伸底脚安装	（省略）	Ordinary shaft extension foot installation	(omitted)
底脚空心轴安装	AB	Foot and hollow shaft installation	AB
B5法兰安装	F	B5 flang einstallation	F
B5法兰空心轴安装	AF	B5 flange and hollow shaft installation	AF
空心轴安装	A	Hollow shaft installation	A
B14法兰空心轴安装	AZ	B14 flange and hollow shaft installation	AZ
胀紧盘安装	H	Expension plate installation	H
底脚胀紧盘安装	HB	Foot and expension plate installation	HB
B5法兰胀紧盘安装	HF	B5 flange and expansion plate installation	HF
B14法兰胀紧盘安装	HZ	B14 flange and expansion plate installation	HZ
组合减速机及型号：见P161-P185页选型参数表		Combined speed reducer and type: see model selection parameter form on P161-P185	
机型号：见P161-P185页选型参数表		Type: see model selection parameter form on P161-P189	
电机类型代号：		Codes for Motor Types:	
普通电机	Y	Ordinary Motor	Y
防爆电机	YB	Flameproof Motor	YB
直流电机	Z	Direct current motor	Z
制动电机	YEJ	Brake Motor	YEJ
多速电机	YD	Multi-speed Motor	YD
变频电机	YVP	Variable Frequency Motor	YVP
冶金起重电机	YZ	Metallurgy hoisting Motor	YZ
变频制动电机	YVPEJ	Transduction braking Motor	YVPEJ
辊道电机	YG	Roll Motor	YG
电机功率、极数：见P161-P185页选型参数表		Motor power、pole: see model selection parameter form on P161-P185	
接线盒角度、进线口位置：未注明接线盒角度180°，进线口位置X时省，见P158-P160页安装形式图		Angle of wiring box、wire inlet position: If there is no indication, the default angle of wiring box is 0°, and for thewire inlet position X, see installation form figure on Page P158-P160	
输入轴型号：见P186-P189页选型参数表		Input shaft model: see model selection parameter form on P186-P189	
联接法兰：AM1刚性联接 AM弹性联轴器联接（具体尺寸请与我公司技术部联系）		Coupling flange: AM1 rigid connection Connection of AM flexible coupler(Please contact the technical department of our company for size details)	
传动比：见P161-P185页选型参数表		Ratio: see model selection parameter form on P161-P189	
安装形式：M1、M2、M3、M4、M5、M6，未注明按M1时省，见P158-P160页安装形式图		Mounting position: M1、M2、M3、M4、M5、M6, If there is no indication, the product is supplied according to M1.see installation form figure on Page P158-P160	

4.3 MP系列选型参数表释义 Model selection definition form of MP series

MP系列恒功率选型参数表 Constant power model selection parameter form of MP series

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P	输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.12KW						**0.12KW**					
0.06	13729	22499	0.84	MPA 129 MD79	4P	1.6	603	851	1.00	MPA 59 MD39	4P
0.07	11754	19198	0.99	MPAF 129 MD79	4P	1.9	515	738	1.15	MPAF 59 MD39	4P
0.08	10272	16797	1.14	MP 129 MD79	4P	2.1	446	646	1.30	MP 59 MD39	4P
0.09	9087	14838	1.29	MPF 129 MD79	4P	2.5	382	558	1.55	MPF 59 MD39	4P

注：0.12KW表示电动机功率 Note: 0.12kW indicates motor power.

MP系列恒扭矩选型参数表 Constant torque model selection parameter form of MP series

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P	输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
130N·m					**200N·m**				
0.16	8972	MPA 29 MD19	0.12	4P	0.72	1929	MPA 39 MD19	0.12	4P
0.18	7736	MPAF 29 MD19	0.12	4P	0.82	1679	MPAF 39 MD19	0.12	4P
0.19	7211	MP 29 MD19	0.12	4P	0.89	1550	MP 39 MD19	0.12	4P
0.22	6303	MPF 29 MD19	0.12	4P	1.0	1356	MPF 39 MD19	0.12	4P
0.25	5435				1.2	1180			
0.28	4855				1.3	1044			4P

注：130N·m表示许用扭矩 Note: 130 N·m indicates permissible torque.

MP系列输入轴型选型参数表 Model selection parameter form of input shaft type of MP series

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type	传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MP29 AD... , n = 1400 1/min			**130 N·m**		**MP49 AD... , n = 1400 1/min**			**400 N·m**	
140.74	10	130	0.16	MPA 29 AD1	190.76	7.3	400	0.35	MPA 49 AD1
129.09	11	130	0.18	MPAF 29 AD1	175.38	8.0	400	0.37	MPAF 49 AD1
109.90	13	130	0.20	MP 29 AD1	150.06	9.3	400	0.43	MP 49 AD1
94.76	15	130	0.23	MPF 29 AD1	130.07	11	400	0.50	MPF 49 AD1
88.32	16	130	0.25		121.57	12	400	0.53	
77.21	18	130	0.28		105.09	13	400	0.61	
72.37	19	130	0.30		89.29	16	400	0.71	
63.86	22	130	0.34		79.72	18	400	0.80	

注：MPA29 AD...表示输入轴型型号，n = 1400 r/min表示输入转速，130 N·m表示该型号不同速比中最大的许用扭矩。

Note: MPA29 AD... means input shaft type, n = 1400 r/min means input speed, 130 N·m indicates the maximum permissible torque under different speed ratios in the model.

1) 选型参数表中的机型号与该列中的任一传动比匹配。

2) 选型参数表中的参数也适用于MPAB、MPAZ、MPH、MPHB、MPHZ、MPHF机型。

1) The machine types in the parameter selection list can match any transmission ratio in the column.

2) The parameters in this list also fits model MPAB、MPAZ、MPH、MPHB、MPHZ、MPHF.

4.4 MP系列输入功率及最大扭矩 Input power and maximum torque of MP series

规格 Size	MP29	MP39	MP49	MP59	MP69	MP79	MP89	MP99	MP109	MP129	MP159	MP169
结构形式 Structure	MP、MPAB、MPF、MPA、MPAF、MPAZ、MPH、MPHF、MPHZ、MPHB											
输入功率(kw) Input power rating	0.12–5.5	0.12–3	0.12–3	0.12–5.5	0.12–5.5	0.18–11	0.37–22	0.55–30	0.75–45	4–90	5.5–200	7.5–200
传动比 Ratio	4.16–140.70	3.77–128.51	8.96–160.76	5.18–199.70	3.97–226.99	4.28–251.71	4.12–279.05	4.57–270.77	6.22–254.40	4.68–172.17	11.92–267.43	11.55–294.51
最大扭矩* (N·m) Maximum torque	130	266	400	600	820	1500	3000	4300	7840	12000	18000	35000

*) 最大扭矩值指本样本中不同传动比对应的最大扭矩的最大值

*) The maximum torque indicates the maximum value of maximum torque corresponding to different transmission ratios in this specification.

4.5 MP系列主机重量表 Main machine weight form of MP series

型号 Type	MP29	MP39	MP49	MP59	MP69	MP79	MP89	MP99	MP109	MP129	MP159	MP169
重量(kg) Weight(kg)	10	19	25	29	35	62.5	100	182	259	431	679	1312
型号 Type	MPF29	MPF39	MPF49	MPF59	MPF69	MPF79	MPF89	MPF99	MPF109	MPF129	MPF159	MPF169
重量(kg) Weight(kg)	11	21	28	35	41	72.5	124	215	288	476	785	1404
型号 Type	MPA29	MPA39	MPA49	MPA59	MPA69	MPA79	MPA89	MPA99	MPA109	MPA129	MPA159	MPA169
重量(kg) Weight(kg)	10	19	25	29	32	58.5	104	176	243	396	658	1256
型号 Type	MPAF29	MPAF39	MPAF49	MPAF59	MPAF69	MPAF79	MPAF89	MPAF99	MPAF109	MPAF129	MPAF159	MPAF169
重量(kg) Weight(kg)	11	20	27	34	39	65.5	117	197	283	431	717	1348

注： 1)MPAB、MPAZ、MPAT、MPHB、MPH、MPHZ、MPHT与MPA主机重量近似
2)MPHF与MPAF主机重量近似

Note: 1)The weight of main machine of MPAB、MPAZ、MPAT、MPHB、MPH、MPHZ、MPHT is similar to that of MPA.
2)The weight of main machine of MPHF is similar to that of MPAF.

4.6 MP系列润滑油量表 Lubricating oil quantity form of MP series

机型号 Gear mit type	润滑油量（升）Fill quantity in liters (L)					
	M1	M2	M3	M4	M5	M6
MP29	0.6	0.8	0.65	0.7	0.6	0.6
MP39	1	1.2	0.7	1.2	1	1.1
MP49	1.5	1.8	1.1	1.9	1.5	1.7
MP59	2.6	3.7	2.1	3.5	2.8	2.9
MP69	2.7	3.8	1.9	3.8	2.9	3.2
MP79	5	7.3	4.3	8	6	6.3
MP89	10	13	7.7	13.8	10.8	11
MP99	18.5	22.5	12.6	25.2	18.5	20
MP109	24.5	32	19.5	37.5	27	27
MP129	40.5	55	34	61	46.5	47
MP159	69	104	63	105	86	78
MP169	75	110	70	110	90	85

MPA..、MPAF..、MPAZ..、MPAT..、MPAB..、MPH..、MPHF..、MPHZ..、MPHT..、MPHB..

机型号 Gear mit type	润滑油量（升）Fill quantity in liters (L)					
	M1	M2	M3	M4	M5	M6
MP..29	0.6	0.8	0.65	0.7	0.6	0.6
MP..39	1	1.2	0.7	1.2	1	1.1
MP..49	1.5	1.8	1.1	1.9	1.5	1.7
MP..59	2.7	3.8	2.1	3.6	2.9	3
MP..69	2.7	3.8	1.9	3.8	2.9	3.3
MP..79	5	7.3	4.3	8	6	6.3
MP..89	10	13	7.7	13.8	10.8	11
MP..99	18.5	22.5	12.6	25.0	18.5	20
MP..109	24.5	32	19.5	37.5	27	27
MP..129	39	55	34	61	45	46.5
MP..159	69	103	62	104	85	77
MP..169	75	110	70	110	90	85

注：MP..表示MPA、MPAF、MPAZ、MPAT、MPAB、MPH、MPHF、MPHZ、MPHT、MPHB

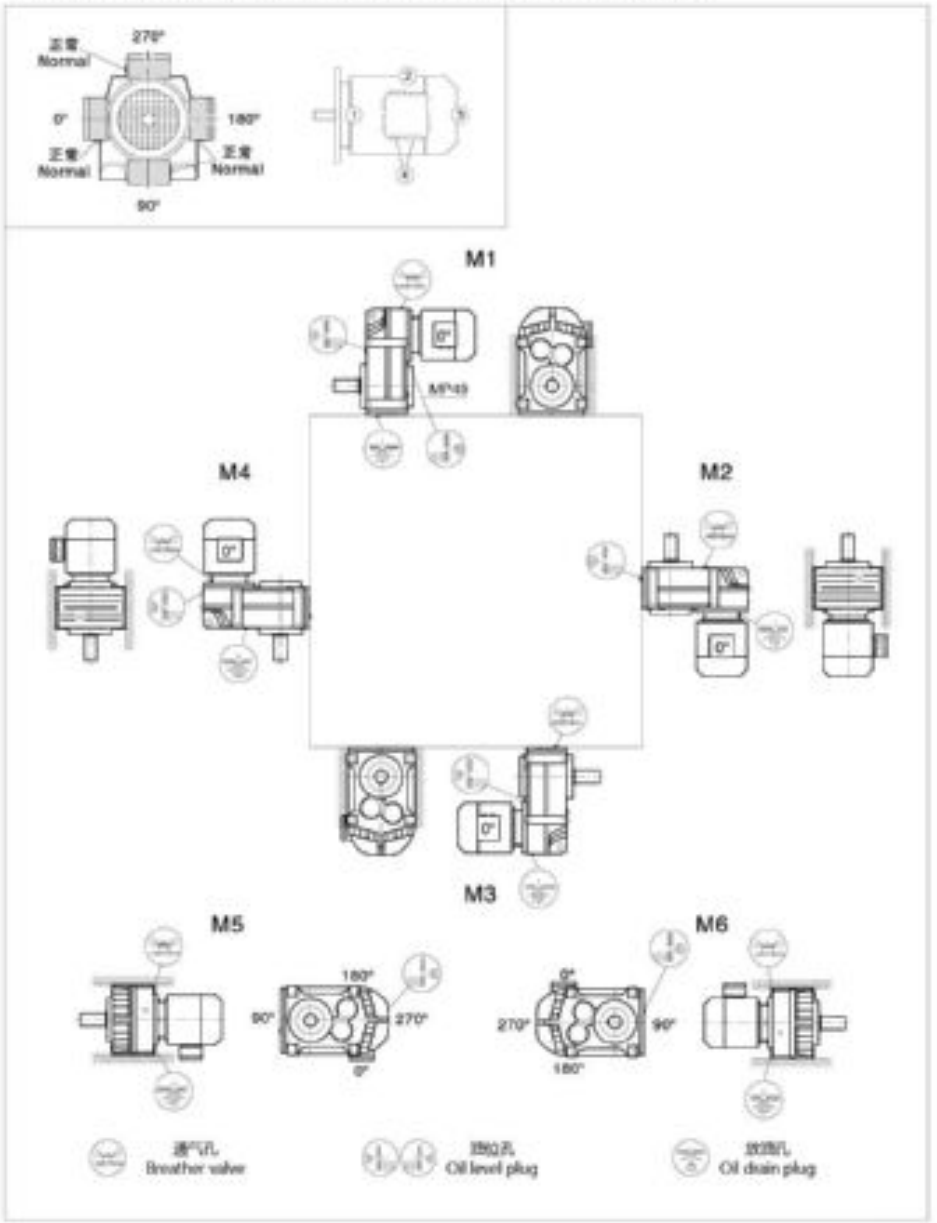
Note: MP..mean MPA、MPAF、MPAZ、MPAT、MPAB、MPH、MPHF、MPHZ、MPHT、MPHB

MPF..

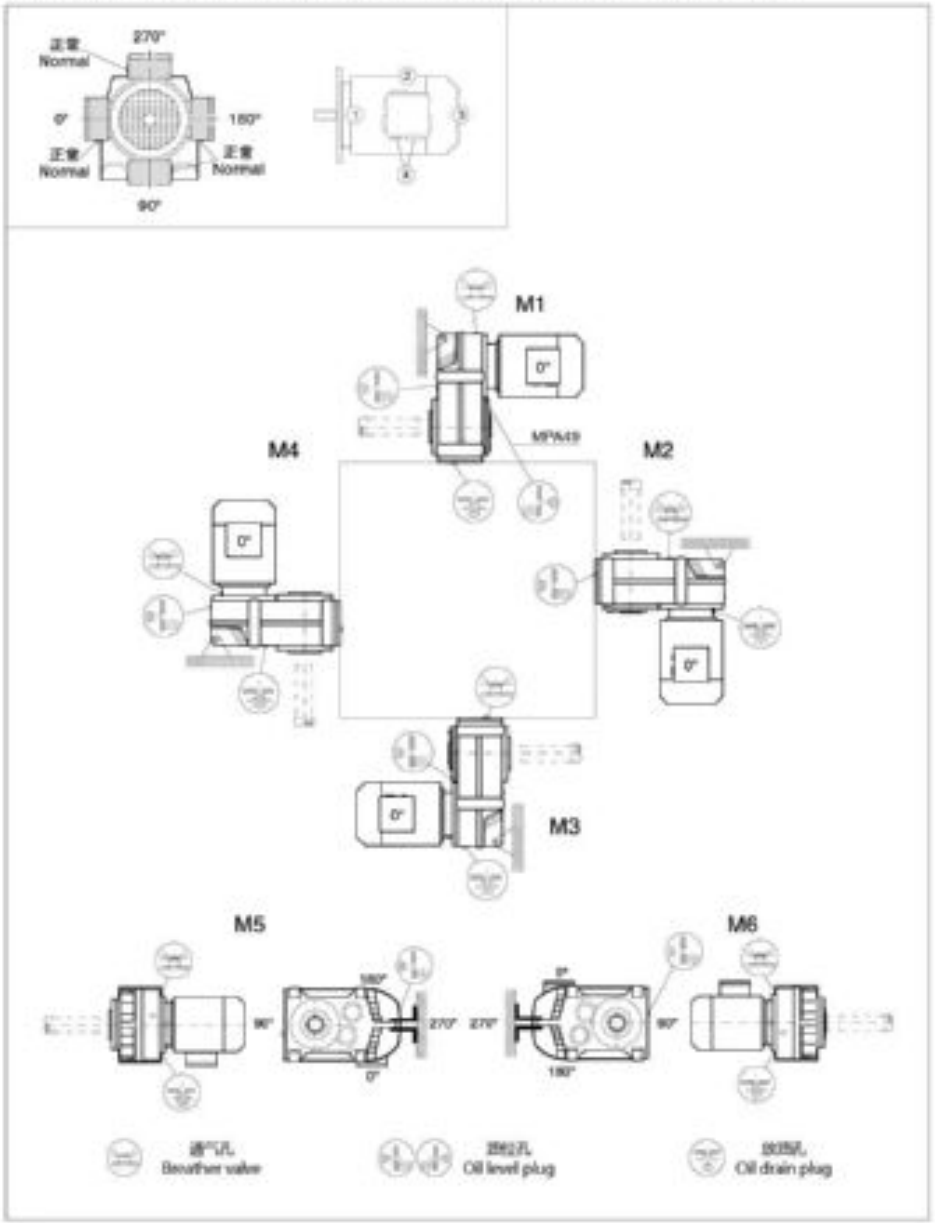
机型号 Gear mit type	润滑油量（升）Fill quantity in liters (L)					
	M1	M2	M3	M4	M5	M6
MPF29	0.6	0.8	0.65	0.7	0.6	0.6
MPF39	1	1.2	0.7	1.3	1	1.1
MPF49	1.6	1.9	1.1	1.9	1.5	1.7
MPF59	2.8	3.8	2.1	3.7	2.9	3
MPF69	2.7	3.8	1.9	3.8	2.9	3.2
MPF79	5.1	7.3	4.3	8.1	6	6.3
MPF89	10.3	13.2	7.8	14.1	11	11.2
MPF99	19	22.5	12.6	25.5	18.9	20.5
MPF109	25.5	32	19.5	38.5	27.5	28
MPF129	41.5	56	34	63	46.5	49
MPF159	72	105	64	106	87	79
MPF169	75	110	70	110	90	85

4.7 MP系列安装形式图 Installation form figure of MP series

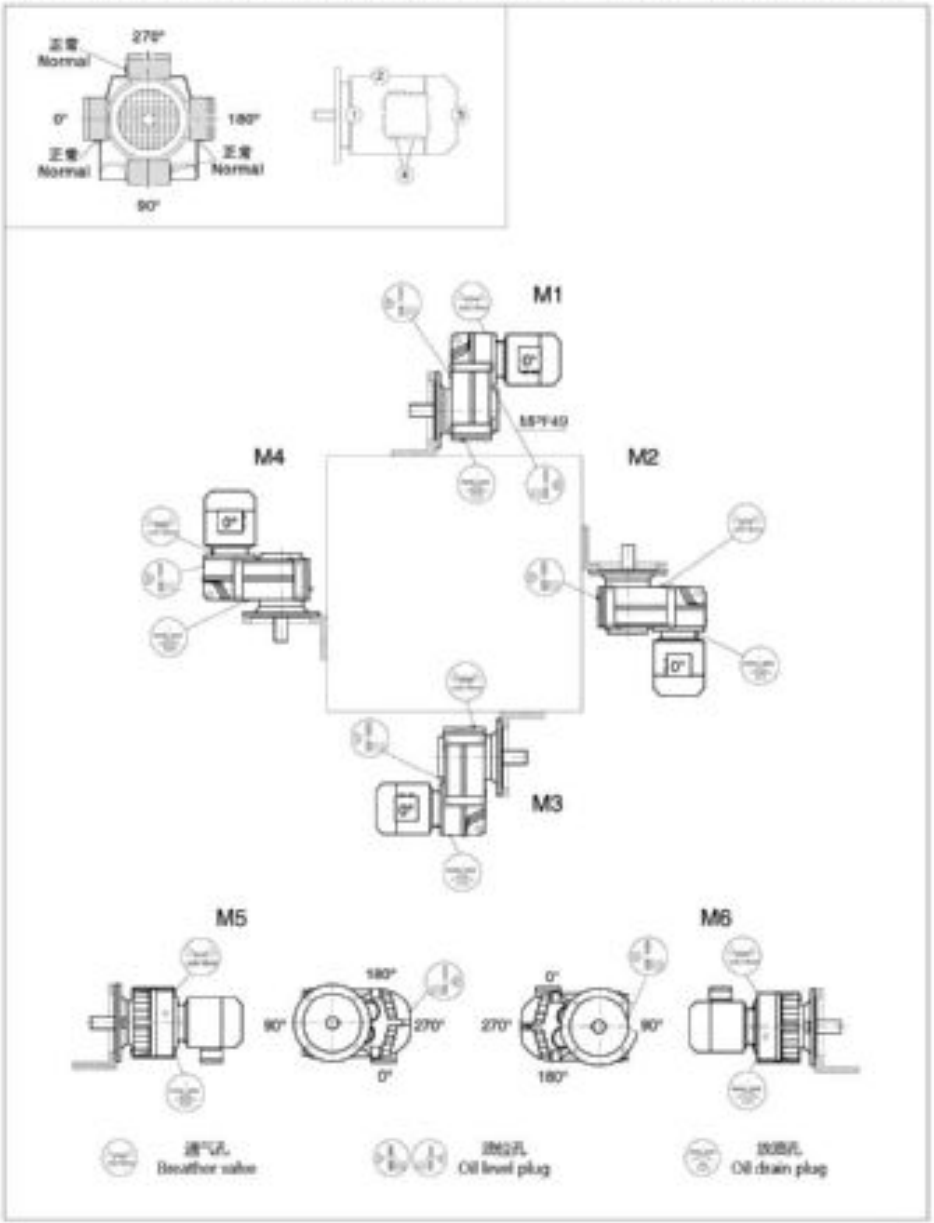
MP/MPAB/MPH29-169 安装形式图 MP/MPAB/MPH29-169 Mounting position example



MPA/MPH/MPAT/MPHT29-169 安装形式图 MPA/MPH/MPAT/MPHT29-169 Mounting position example



MPF/MPAF/MPAZ/MPHF/MPHZ29-169 安装形式图 MPF/MPAF/MPAZ/MPHF/MPHZ29-169 Mounting position example



4.8 MP系列恒功率透型参数表

Constant power model selection parameter form of MP series

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.12KW						
0.06	13759	22499	0.64	MPA	129 MD79	4P
0.07	11754	19100	0.99	MPWF	129 MD79	4P
0.08	10272	16757	1.14	MP	129 MD79	4P
0.09	9097	14838	1.29	MPF	129 MD79	4P
0.11	7902	13014	1.49			
0.12	6964	11748	1.69			
0.14	6232	10271	1.89			
0.09	9926	14707	0.85	MPA	109 MD79	4P
0.12	6938	11348	1.10	MPWF	109 MD79	4P
0.14	5695	10639	1.35	MP	109 MD79	4P
0.16	4566	8548	1.65	MPF	109 MD79	4P
0.19	4055	7674	1.90			
0.20	4038	6767	1.90			
0.23	3401	5664	2.2			
0.26	2930	5223	2.6			
0.30	2703	4567	2.7			
0.39	2097	3521	3.6			
0.21	4007	6469	1.05	MPA	99 MD59	4P
0.25	3744	5695	1.15	MPWF	99 MD59	4P
0.28	3254	4983	1.30	MP	99 MD59	4P
0.32	2842	4333	1.50	MPF	99 MD59	4P
0.35	2608	3881	1.62	MPA	99 MD59	4P
0.41	2274	3332	1.85	MPWF	99 MD59	4P
0.47	1952	2997	2.2	MP	99 MD59	4P
0.55	1786	2523	2.4	MPF	99 MD59	4P
0.33	2715	4245	1.10	MPA	59 MD59	4P
0.37	2378	3721	1.35	MPWF	59 MD59	4P
				MP	59 MD59	4P
				MPF	59 MD59	4P
0.43	2205	3244	1.35	MPA	69 MD59	4P
0.48	1950	2881	1.50	MPWF	69 MD59	4P
0.54	1744	2576	1.70	MP	69 MD59	4P
0.64	1473	2174	2.0	MPF	69 MD59	4P
0.72	1284	1930	2.3			
0.82	1143	1689	2.6			
0.92	1039	1493	2.9			
1.1	904	1300	3.7			
1.2	730	1148	4.0			
0.53	1784	2693	0.80	MPA	79 MD39	4P
0.60	1539	2264	0.95	MPWF	79 MD39	4P
0.68	1362	2029	1.10	MP	79 MD39	4P
				MPF	79 MD39	4P
0.81	1145	1711	1.26	MPA	79 MD39	4P
0.89	1056	1544	1.40	MPWF	79 MD39	4P
1.0	941	1354	1.55	MP	79 MD39	4P
1.2	825	1166	1.77	MPF	79 MD39	4P
1.3	730	1053	2.0			
1.5	622	910	2.4			
1.7	519	810	2.8			
1.9	450	710	3.2			
0.97	941	1429	0.65	MPA	69 MD39	4P
1.1	853	1271	0.95	MPWF	69 MD39	4P
1.2	719	1102	1.15	MP	69 MD39	4P
1.4	627	970	1.39	MPF	69 MD39	4P
1.6	540	858	1.45			
1.8	485	755	1.65			
2.1	412	641	1.95			
2.4	362	572	2.1			
2.7	321	509	2.5			
3.2	264	437	2.9			
0.12KW						
1.6	603	851	1.69	MPA	59 MD39	4P
1.9	515	738	1.95	MPWF	59 MD39	4P
2.1	446	640	1.30	MP	59 MD39	4P
2.5	382	558	1.55	MPF	50 MD39	4P
2.7	338	506	1.75			
3.1	294	452	2.0			
3.2	304	426	1.95	MPA	50 MD39	4P
3.6	270	382	2.2	MPWF	59 MD39	4P
4.2	230	330	2.6	MP	59 MD39	4P
4.6	206	296	2.9	MPF	59 MD39	4P
5.3	181	262	3.3			
2.5	377	540	1.65	MPA	40 MD19	4P
2.9	328	470	1.20	MPWF	49 MD19	4P
3.3	294	419	1.40	MP	49 MD19	4P
				MPF	49 MD19	4P
2.6	372	534	1.65	MPA	40 MD19	4P
2.8	348	480	1.15	MPWF	40 MD19	4P
3.2	299	427	1.30	MP	40 MD19	4P
3.6	261	376	1.52	MPF	49 MD19	4P
4.1	236	334	1.70			
4.7	201	295	1.95			
5.6	167	250	2.3			
4.3	219	322	0.90	MPA	39 MD19	4P
5.0	188	278	1.05	MPWF	39 MD19	4P
5.7	159	242	1.25	MP	39 MD19	4P
6.2	153	221	1.30	MPF	39 MD19	4P
4.2	230	326	0.65	MPA	39 MD19	4P
4.9	201	285	1.00	MPWF	39 MD19	4P
5.5	175	250	1.15	MP	39 MD19	4P
6.3	153	219	1.30	MPF	39 MD19	4P
7.4	129	186	1.50			
8.3	116	167	1.70			
6.2	152	221	0.65	MPA	29 MD19	4P
8.0	117	172	1.00	MPWF	29 MD19	4P
9.1	102	153	1.25	MP	29 MD19	4P
11	85	130	1.50	MPF	29 MD19	4P
6.5	167	211	0.65	MPA	29 MD19	4P
7.4	126	186	1.00	MPWF	29 MD19	4P
9.7	100	142	1.25	MP	29 MD19	4P
11	86	124	1.45	MPF	29 MD19	4P
13	75	109	1.70			
14	66	96	1.95			
3.9	276	226.00	2.6	MPA	69	6P
4.6	238	195.39	3.3	MPWF	69	6P
5.3	209	170.85	3.9	MP	69	6P
6.6	162	160.42	4.0	MPF	69	6P
6.3	172	142.40	4.5			
4.5	242	199.76	2.4	MPA	59	6P
4.9	223	183.60	2.6	MPWF	59	6P
5.7	190	157.09	3.0	MP	59	6P
6.6	164	136.80	3.5	MPF	59	6P
7.1	154	127.27	3.7			
6.9	156	199.76	3.6	MPA	59	4P
7.5	145	183.60	3.9	MPWF	59	4P
8.8	124	157.09	4.6	MP	59	4P
10	107	136.80	5.3	MPF	59	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.12KW						
4.7	233	199.76	1.65	MPA	49	6P
5.1	214	175.38	1.80	MPWF	49	6P
6.0	181	156.00	2.1	MP	49	6P
6.9	158	136.07	2.4	MPF	49	6P
7.4	147	121.57	2.6			
8.6	127	105.09	3.0			
10	108	89.29	3.5			
11	97	79.72	3.9			
7.2	150	199.76	2.5	MPA	49	4P
7.9	139	175.38	2.8	MPWF	49	4P
9.2	119	156.00	3.2	MP	49	4P
11	103	136.07	3.7	MPF	49	4P
7.0	156	126.51	1.20	MPA	39	6P
7.6	143	117.68	1.35	MPWF	39	6P
9.0	122	106.36	1.55	MP	39	6P
10	105	86.53	1.80	MPF	39	6P
11	96	80.00	1.95			
11	102	126.51	1.85	MPA	39	4P
12	93	117.68	2.0	MPWF	39	4P
14	79	106.36	2.4	MP	39	4P
16	68	86.53	2.8	MPF	39	4P
17	64	80.00	3.0			
8.2	133	108.00	0.95	MPA	29	6P
9.5	115	94.76	1.10	MPWF	29	6P
10	107	88.32	1.15	MP	29	6P
12	93	77.21	1.30	MPF	29	6P
9.8	111	140.74	1.10	MPA	29	4P
11	102	126.09	1.20	MPWF	29	4P
13	86	106.00	1.49	MP	29	4P
15	75	94.76	1.65	MPF	29	4P
16	69	88.32	1.75			
18	61	77.21	2.0			
19	57	72.37	2.2			
22	50	63.00	2.5			
24	45	56.62	2.8			
26	40	50.39	3.1			
30	37	46.78	3.4			
34	32	40.09	3.8			
36	30	38.33	4.1			
41	27	33.63	4.6			
47	24	29.56	5.3	MPA	29	4P
51	22	27.16	5.8	MPWF	29	4P
59	19	23.25	6.7	MP	29	4P
68	16	20.15	7.8	MPF	29	4P
73	15	18.94	8.3			
85	13	16.20	9.6			
100	11	13.94	11			
112	9.5	12.35	13			
131	8.4	10.55	15			
140	7.9	9.60	16			
147	7.4	9.40	17			
170	6.4	8.13	18			
200	5.4	6.91	20			
224	4.8	6.17	21			
262	4.2	5.27	23			
286	3.9	4.93	23			
332	3.3	4.18	25			
0.18KW						
0.10	13532	13014	0.60	MPA	129 MD79	4P
0.11	12050	11748	0.80	MPWF	129 MD79	4P
0.13	10667	10271	1.09	MP	129 MD79	4P
0.15	8849	8501	1.34	MPF	129 MD79	4P
0.17	7645	7703	1.54			
0.20	7043	6768	1.69			
0.15	9283	8549	0.90	MPA	109 MD79	4P
0.17	7967	7674	0.95	MPWF	109 MD79	4P
0.20	6929	6767	1.10	MP	109 MD79	4P
0.22	5958	5954	1.25	MPF	109 MD79	4P
0.25	5184	5223	1.45			
0.29	4753	4567	1.60			
0.37	3606	3521	2.1			
0.43	3195	3037	2.4	MPA	109 MD79	4P
0.45	2901	2756	2.6	MPWF	109 MD79	4P
0.56	2489	2369	3.0	MP	109 MD79	4P
0.64	2175	2068	3.5	MPF	109 MD79	4P
0.39	4214	4333	0.50	MPA	99 MD59	4P
				MPWF	99 MD59	4P
				MP	99 MD59	4P
				MPF	99 MD59	4P
0.34	4258	3881	0.66	MPA	99 MD59	4P
0.39	3734	3352	1.15	MPWF	99 MD59	4P
0.45	3140	2997	1.35	MP	99 MD59	4P
0.53	2809	2523	1.52	MPF	99 MD59	4P
0.60	2470	2219	1.72			
0.67	2160	1979	1.95			
0.77	1921	1722	2.2			
0.86	1705	1527	2.5			
0.99	1491	1327	3.0			
1.1	1303	1171	3.2			
0.51	3571	2576	1.00	MPA	89 MD59	4P
0.61	2932	2174	1.21	MPWF	89 MD59	4P
0.68	2127	1930	1.40	MP	89 MD59	4P
0.76	1879	1689	1.57	MPF	89 MD59	4P
0.88	1666	1493	1.75			
1.0	1372	1300	2.1			
1.2	1235	1148	2.4			
1.3	1068	1016	2.6			
1.5	951	857	3.1			
1.7	829	760	3.6			
0.86	1744	1544	0.65	MPA	79 MD39	4P
0.98	1529	1354	0.95	MPWF	79 MD39	4P
1.1	1339	1188	1.11	MP	79 MD39	4P
1.2	1160	1053	1.25	MPF	79 MD39	4P
1.4	1010	910	1.45			
1.6	872	810	1.69			
1.9	784	710	1.90			
2.1	681	615	2.2			
1.5	821	858	0.85	MPA	69 MD39	4P
1.8	813	755	1.00	MPWF	69 MD39	4P
2.1	691	641	1.15	MP	69 MD39	4P
2.3	602	572	1.20	MPF	69 MD39	4P
2.6	549	509	1.45			
3.0	479	437	1.70			
3.4	426	384	1.90			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.18KW					
2.6	560	569	1.40	MPA 09 MD09	4P
2.9	514	449	1.57	MPAF 09 MD09	4P
3.4	441	368	1.82	MP 09 MD09	4P
4.0	360	330	2.2	MPF 09 MD09	4P
4.4	325	294	2.4		
5.1	259	259	2.8		
5.5	255	236	3.1		
6.7	213	196	3.7		
2.4	627	558	0.95	MPA 09 MD09	4P
2.6	559	506	1.05	MPAF 09 MD09	4P
2.9	490	452	1.20	MP 09 MD09	4P
3.4	417	368	1.40	MPF 09 MD09	4P
3.9	363	338	1.60		
3.1	490	426	1.20	MPA 09 MD09	4P
3.5	430	382	1.35	MPAF 09 MD09	4P
4.0	372	338	1.55	MP 09 MD09	4P
4.4	335	298	1.75	MPF 09 MD09	4P
5.0	299	262	2.0		
5.8	250	226	2.3		
6.6	221	200	2.7		
3.6	402	370	0.95	MPA 49 MD19	4P
4.1	369	324	1.05	MPAF 49 MD19	4P
4.6	319	288	1.20	MP 49 MD19	4P
5.3	274	249	1.45	MPF 49 MD19	4P
4.6	377	334	1.05	MPA 49 MD19	4P
4.5	333	295	1.20	MPAF 49 MD19	4P
5.3	276	250	1.42	MP 49 MD19	4P
6.1	250	217	1.55	MPF 49 MD19	4P
7.0	218	196	1.80		
7.4	201	179	1.95		
7.1	215	188	0.95	MPA 39 MD19	4P
7.9	193	167	1.05	MPAF 39 MD19	4P
9.1	169	145	1.15	MP 39 MD19	4P
10	149	129	1.30	MPF 39 MD19	4P
9.3	163	142	0.80	MPA 29 MD19	4P
11	141	124	0.90	MPAF 29 MD19	4P
12	123	109	1.05	MP 29 MD19	4P
14	108	96	1.20	MPF 29 MD19	4P
3.1	627	281.71	2.7	MPA 79	6P
3.5	490	249.59	2.9	MPAF 79	6P
3.9	423	225.79	3.4	MP 79	6P
				MPF 79	6P
3.6	428	228.99	1.80	MPA 69	6P
4.5	360	195.39	2.1	MPAF 69	6P
5.1	323	170.85	2.4	MP 69	6P
				MPF 69	6P
5.8	280	228.99	2.8	MPA 69	4P
6.8	242	195.39	3.2	MPAF 69	4P
7.7	214	170.85	3.7	MP 69	4P
				MPF 69	4P
4.4	375	199.70	1.50	MPA 59	6P
4.7	347	183.60	1.65	MPAF 59	6P
5.5	295	157.00	1.95	MP 59	6P
6.4	252	136.16	2.2	MPF 59	6P
6.8	238	127.27	2.4		
7.9	204	110.01	2.8		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.18KW					
6.6	247	196.70	2.3	MPA 59	4P
7.2	226	183.60	2.5	MPAF 59	4P
8.4	195	157.00	2.9	MP 59	4P
9.7	168	136.16	3.4	MPF 59	4P
10	168	127.27	3.6		
4.6	356	196.70	1.05	MPA 49	6P
5.0	328	175.38	1.15	MPAF 49	6P
5.8	288	156.06	1.35	MP 49	6P
6.7	340	136.07	1.55	MPF 49	6P
7.2	226	121.57	1.65		
6.9	238	196.76	1.60	MPA 49	4P
7.5	210	175.38	1.75	MPAF 49	4P
8.8	185	156.06	2.1	MP 49	4P
10	161	136.07	2.4	MPF 49	4P
11	150	121.57	2.5		
7.4	223	117.68	0.65	MPA 39	6P
8.7	195	105.36	1.68	MPAF 39	6P
10	902	86.53	1.55	MP 39	6P
11	151	80.65	1.25	MPF 39	6P
12	132	79.50	1.45		
10	150	139.51	1.35	MPA 39	4P
11	146	117.68	1.30	MPAF 39	4P
13	124	100.36	1.55	MP 39	4P
15	107	86.53	1.75	MPF 39	4P
16	100	80.65	1.90		
19	87	79.50	2.2		
20	82	66.03	2.3		
23	72	58.32	2.6		
12	130	109.00	0.90	MPA 29	4P
14	117	94.78	1.05	MPAF 29	4P
15	109	88.32	1.15	MP 29	4P
17	96	77.29	1.30	MPF 29	4P
18	89	72.37	1.40		
21	79	63.80	1.55		
23	70	56.62	1.75		
26	62	50.19	2.0		
29	58	46.78	2.1		
32	50	40.89	2.4		
34	48	38.33	2.6		
39	42	33.83	3.0		
45	37	29.58	3.4	MPA 29	4P
49	33	27.16	3.7	MPAF 29	4P
57	29	23.20	4.3	MP 29	4P
65	25	20.15	5.0	MPF 29	4P
70	24	18.84	5.3		
81	20	16.28	6.1		
95	17	13.54	7.2		
107	15	12.35	8.1		
125	13	10.55	9.5		
134	12	9.88	10		
143	11	9.40	11		
162	10	8.13	12		
191	8.8	6.91	13		
214	7.6	6.17	14		
258	6.6	5.27	15		
268	6.1	4.93	15		
315	5.1	4.16	16		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.25KW					
0.15	13137	6601	0.69	MPA 129 MD79	4P
0.17	11358	7783	1.84	MPAF 129 MD79	4P
0.19	10371	6768	1.14	MP 129 MD79	4P
0.22	9429	5973	1.29	MPF 129 MD79	4P
0.25	7851	5193	1.49		
0.29	6806	4569	1.74		
0.22	8869	5854	0.65	MPA 109 MD79	4P
0.25	7732	5223	0.95	MPAF 109 MD79	4P
0.28	6971	4567	1.10	MP 109 MD79	4P
0.37	5321	3521	1.40	MPF 109 MD79	4P
0.43	4884	3037	1.60	MPA 109 MD79	4P
0.47	4253	2756	1.75	MPAF 109 MD79	4P
0.55	3655	2369	2.1	MP 109 MD79	4P
0.63	3196	2068	2.4	MPF 109 MD79	4P
0.82	2416	1581	3.1		
0.93	2137	1481	3.6		
0.45	4588	2567	0.90	MPA 99 MD69	4P
0.52	4048	2523	1.06	MPAF 99 MD69	4P
0.59	3565	2219	1.16	MP 99 MD69	4P
0.66	3136	1970	1.35	MPF 99 MD69	4P
0.75	2704	1722	1.50		
0.85	2450	1527	1.70		
0.98	2056	1327	2.1		
1.1	1852	1171	2.3		
1.3	1646	1022	2.6		
0.67	3077	1893	0.85	MPA 69 MD69	4P
0.77	2712	1669	1.06	MPAF 69 MD69	4P
0.87	2401	1483	1.25	MP 69 MD69	4P
1.0	2089	1309	1.45	MPF 69 MD69	4P
1.1	1793	1146	1.65		
1.3	1568	1010	1.90		
1.5	1362	887	2.1		
1.7	1205	780	2.4		
1.9	1039	674	2.9		
1.2	1795	1053	0.65	MPA 79 MD39	4P
1.4	1470	910	1.90	MPAF 79 MD39	4P
1.6	1274	810	1.15	MP 79 MD39	4P
1.8	1117	710	1.30	MPF 79 MD39	4P
2.1	980	615	1.50		
2.4	862	536	1.70		
2.7	704	450	1.95		
3.1	647	403	2.3		
2.3	911	572	0.90	MPA 69 MD39	4P
2.6	794	509	1.00	MPAF 69 MD39	4P
3.0	688	432	1.15	MP 69 MD39	4P
				MPF 69 MD39	4P
2.6	813	500	1.00	MPA 69 MD39	4P
2.9	737	449	1.11	MPAF 69 MD39	4P
3.3	635	388	1.26	MP 69 MD39	4P
3.9	534	336	1.51	MPF 69 MD39	4P
4.4	475	294	1.72		
5.0	421	261	1.90		
5.5	374	236	2.1		
3.4	604	366	0.95	MPA 59 MD39	4P
3.9	529	336	1.10	MPAF 59 MD39	4P
5.1	402	255	1.45	MP 59 MD39	4P
				MPF 59 MD39	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.25KW					
3.4	627	382	0.65	MPA 59 MD39	4P
3.9	530	330	1.10	MPAF 59 MD39	4P
4.4	485	296	1.20	MP 59 MD39	4P
5.0	426	262	1.35	MPF 59 MD39	4P
5.8	365	226	1.60		
6.5	319	200	1.85		
7.7	270	170	2.2		
5.2	397	240	1.00	MPA 49 MD19	4P
6.0	353	218	1.10	MPAF 49 MD19	4P
6.7	300	185	1.25	MP 49 MD19	4P
7.5	279	175	1.40	MPF 49 MD19	4P
5.2	402	250	0.95	MPA 49 MD19	4P
6.0	355	217	1.10	MPAF 49 MD19	4P
6.9	314	190	1.25	MP 49 MD19	4P
7.3	289	178	1.35	MPF 49 MD19	4P
8.8	243	148	1.61		
9.9	211	131	1.85		
8.9	240	145	0.80	MPA 39 MD19	4P
10	211	129	0.90	MPAF 39 MD19	4P
11	194	118	1.00	MP 39 MD19	4P
13	161	99	1.20	MPF 39 MD19	4P
15	141	87	1.40		
3.1	727	281.71	1.05	MPA 79	6P
3.4	673	260.59	2.1	MPAF 79	6P
3.9	584	225.79	2.5	MP 79	6P
4.4	513	198.31	2.8	MPF 79	6P
4.7	486	186.64	2.9		
3.8	589	228.99	1.30	MPA 69	6P
4.5	504	195.39	1.55	MPAF 69	6P
5.2	442	170.85	1.75	MP 69	6P
5.5	413	160.42	1.87	MPF 69	6P
6.2	366	142.40	2.1		
5.7	369	228.99	1.05	MPA 69	4P
6.7	342	195.39	2.3	MPAF 69	4P
7.6	295	170.85	2.6	MP 69	4P
8.1	282	160.42	2.8	MPF 69	4P
9.1	247	142.40	3.1		
4.4	513	199.70	1.10	MPA 59	6P
4.8	475	183.60	1.20	MPAF 59	6P
5.6	404	157.09	1.40	MP 59	6P
6.5	352	136.16	1.60	MPF 59	6P
6.9	328	127.27	1.75		
8.0	285	110.01	2.0		
6.5	347	199.70	1.65	MPA 59	4P
7.1	318	183.60	1.80	MPAF 59	4P
8.3	276	157.09	2.1	MP 59	4P
9.6	238	136.16	2.4	MPF 59	4P
10	223	127.27	2.6		
12	190	110.01	3.0		
9.9	385	193.08	1.00	MPA 49	6P
8.8	337	193.07	1.15	MPAF 49	6P
7.2	314	121.57	1.20	MP 49	6P
8.4	271	105.09	1.40	MPF 49	6P

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
0.25KW					
6.6	331	196.76	1.15	MPA 49	4P
7.4	304	175.38	1.25	MPAF 49	4P
8.7	261	150.96	1.45	MP 49	4P
10	226	130.67	1.65	MPF 49	4P
11	214	121.57	1.80		
12	183	106.69	2.1		
15	156	89.29	2.4		
10	221	128.56	0.85	MPA 39	4P
11	204	117.88	0.90	MPAF 39	4P
13	175	100.36	1.10	MP 39	4P
15	151	86.53	1.25	MPF 39	4P
16	146	80.65	1.35		
18	124	70.50	1.55		
20	115	66.09	1.65		
22	102	58.72	1.85		
24	95	54.54	2.0		
25	90	51.70	2.1		
28	82	47.02	2.3		
30	77	43.83	2.5		
34	67	38.31	2.8		
36	63	35.91	3.0		
41	55	31.69	3.4		
17	135	77.21	0.90	MPA 29	4P
18	126	72.37	1.00	MPAF 29	4P
20	111	63.80	1.10	MP 29	4P
23	99	56.62	1.25	MPF 29	4P
26	87	50.19	1.40		
28	82	46.78	1.50		
32	71	40.59	1.75		
34	67	38.33	1.85		
36	59	33.83	2.1		
44	51	29.56	2.4	MPA 29	4P
48	48	27.18	2.6	MPAF 29	4P
58	41	23.25	3.0	MP 29	4P
65	35	20.15	3.5	MPF 29	4P
69	33	18.84	3.8		
80	29	16.28	4.4		
94	24	13.84	5.1		
105	22	12.35	5.7		
123	18	10.55	6.7		
132	17	9.69	7.2		
135	16	9.40	7.5		
155	14	8.13	8.3		
168	12	6.01	9.0		
281	10	6.17	9.7		
297	9.2	5.27	10		
294	8.6	4.03	11		
383	7.2	4.10	11		
0.37KW					
0.21	9616	6788	0.79	MPA 129 MD79	4P
0.23	10041	5973	0.89	MPAF 129 MD79	4P
0.27	11259	5193	1.04	MP 129 MD79	4P
0.30	9839	4569	1.19	MPF 129 MD79	4P
0.35	8553	3897	1.39		
0.40	7479	3482	1.59		
0.46	6529	3065	1.79		
0.45	6713	3037	1.19	MPA 109 MD79	4P
0.50	6006	2756	1.25	MPAF 109 MD79	4P
0.58	5243	2369	1.45	MP 109 MD79	4P
0.67	4577	2068	1.65	MPF 109 MD79	4P
0.87	3473	1581	2.2		

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
0.37KW					
0.39	4449	1970	0.95	MPA 99 MD59	4P
0.60	3820	1722	1.10	MPAF 99 MD59	4P
0.90	3479	1527	1.20	MP 99 MD59	4P
1.0	2940	1327	1.45	MPF 99 MD59	4P
1.2	2698	1171	1.60		
1.4	2325	1022	1.80		
1.5	1940	890	2.1		
1.1	2681	1388	1.00	MPA 89 MD59	4P
1.2	2598	1145	1.15	MPAF 89 MD59	4P
1.4	2234	1010	1.30	MP 89 MD59	4P
1.6	1980	887	1.50	MPF 89 MD59	4P
1.8	1725	780	1.70		
2.0	1479	674	2.0		
2.3	1352	609	2.2		
2.7	1137	515	2.6		
3.1	1000	452	2.9		
1.2	910	815	0.80	MPA 79 MD39	4P
1.9	1588	719	0.95	MPAF 79 MD39	4P
2.2	1392	615	1.05	MP 79 MD39	4P
2.6	1215	536	1.20	MPF 79 MD39	4P
2.9	1080	480	1.35		
3.4	921	413	1.60		
3.8	823	367	1.80		
4.3	735	323	2.0		
3.6	672	304	0.95	MPA 69 MD39	4P
4.1	709	338	1.05	MPAF 69 MD39	4P
4.5	691	305	1.15	MP 69 MD39	4P
5.4	576	257	1.40	MPF 69 MD39	4P
6.0	515	231	1.55		
5.4	573	255	1.05	MPA 59 MD39	4P
6.9	446	201	1.30	MPAF 59 MD39	4P
7.6	407	181	1.45	MP 59 MD39	4P
				MPF 59 MD39	
5.3	606	262	0.95	MPA 59 MD39	4P
6.1	515	226	1.15	MPAF 59 MD39	4P
6.9	456	200	1.30	MP 59 MD39	4P
8.1	387	170	1.50	MPF 59 MD39	4P
9.1	343	152	1.70		
10	304	134	1.85		
7.9	397	175	1.60	MPA 49 MD10	4P
9.4	333	147	1.15	MPAF 49 MD10	4P
11	294	130	1.35	MP 49 MD10	4P
				MPF 49 MD10	4P
2.5	1340	270.68	2.1	MPA 89	6P
2.7	1204	255.37	2.3	MPAF 89	6P
3.0	1135	226.93	2.5	MP 89	6P
3.5	969	197.20	2.9	MPF 89	6P
3.3	937	270.68	2.8	MPA 89	6P
3.5	956	255.37	3.0	MPAF 89	6P
3.9	855	226.93	3.3	MP 89	6P
				MPF 89	6P
4.0	646	225.79	1.70	MPA 79	6P
4.5	741	198.31	1.95	MPAF 79	6P
4.8	696	186.64	2.0		
5.4	622	166.47	2.3	MP 79	6P
6.3	532	142.27	2.7	MPF 79	6P
4.9	684	281.71	2.1	MPA 79	4P
5.2	636	260.53	2.3	MPAF 79	4P
6.1	551	225.79	2.6	MP 79	4P
7.6	485	186.31	3.0	MPF 79	4P

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
0.37KW					
4.6	727	196.50	1.85	MPA 69	6P
5.3	637	170.85	1.29	MPAF 69	6P
5.6	596	160.42	1.32	MP 69	6P
6.3	532	142.40	1.45	MPF 69	6P
7.5	457	126.79	1.75		
6.0	556	226.00	1.40	MPA 69	4P
7.1	475	195.39	1.65	MPAF 69	4P
8.1	413	170.85	1.85	MP 69	4P
8.6	398	168.42	1.97	MPF 69	4P
9.7	347	142.40	2.3		
11	295	126.79	2.7		
5.7	584	157.09	0.95	MPA 59	6P
6.6	508	136.90	1.10	MPAF 59	6P
7.1	475	127.27	1.20	MP 59	6P
8.2	409	110.01	1.40	MPF 59	6P
6.9	485	188.26	1.15	MPA 59	4P
7.5	447	183.60	1.30	MPAF 59	4P
8.9	380	152.09	1.50	MP 59	4P
10	333	136.90	1.70	MPF 59	4P
11	309	127.27	1.85		
13	266	110.01	2.1		
15	229	93.47	2.5		
17	204	83.46	2.8		
9.2	366	156.06	1.05	MPA 49	4P
11	316	130.67	1.20	MPAF 49	4P
13	257	105.00	1.50	MP 49	4P
15	219	89.29	1.75	MPF 49	4P
17	195	79.72	1.95		
20	165	68.09	2.3		
21	159	65.36	2.4		
16	209	86.53	0.90	MPA 39	4P
17	195	80.65	0.95	MPAF 39	4P
20	172	70.50	1.10	MP 39	4P
23	151	66.09	1.20	MPF 39	4P
24	140	58.32	1.35		
25	133	54.54	1.45		
27	125	51.70	1.55		
29	114	47.02	1.65		
31	106	43.83	1.80		
36	93	38.31	2.0		
38	87	35.91	2.2		
44	77	31.69	2.5		
49	68	28.10	2.9		
58	58	23.98	3.3		
24	138	56.02	0.90	MPA 29	4P
26	123	50.19	1.00	MPAF 29	4P
30	114	46.78	1.10	MP 29	4P
34	100	40.59	1.25	MPF 29	4P
36	93	38.33	1.35		
41	83	33.83	1.50		
47	72	29.56	1.70	MPA 29	4P
56	67	27.18	1.85	MPAF 29	4P
59	57	23.25	2.2	MP 29	4P
68	49	20.15	2.5	MPF 29	4P
73	46	18.84	2.7		
85	40	16.28	3.1		
100	33	13.84	3.7		
112	30	12.35	4.1		
131	26	10.55	4.8		
140	24	9.69	5.1		
147	23	9.40	5.4		
170	20	8.13	5.9		
290	17	6.91	6.4		
234	15	6.17	6.9		
282	13	5.27	7.4		
288	12	4.03	7.6		
332	10	4.16	8.2		

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
0.55KW					
0.22	20090	6295	0.60	MPA 159 MD99	4P
0.25	16656	5404	1.05	MPAF 159 MD99	4P
0.49	8044	2760	2.0	MP 159 MD99	4P
				MPF 159 MD99	4P
0.56	7644	2427	2.3	MPA 159 MD99	4P
0.81	5419	1670	3.3	MPAF 159 MD99	4P
1.0	4355	1308	4.2	MP 159 MD99	4P
1.2	3675	1189	4.8	MPF 159 MD99	4P
0.35	13238	3357	0.80	MPA 129 MD79	4P
0.39	11058	3482	0.90	MPAF 129 MD79	4P
0.45	10174	3055	1.10	MP 129 MD79	4P
				MPF 129 MD79	4P
0.57	8085	2369	0.95	MPA 109 MD79	4P
0.66	7056	2069	1.05	MPAF 109 MD79	4P
0.74	6006	1826	1.25	MP 109 MD79	4P
0.86	5305	1561	1.40	MPF 109 MD79	4P
0.97	4733	1401	1.60		
1.1	4139	1245	1.80		
1.2	3697	1076	2.0		
1.4	3150	950	2.4		
1.6	2744	834	2.7		
2.1	2136	640	3.5		
1.0	4557	1327	0.95	MPA 99 MD59	4P
1.3	4057	1171	1.05	MPAF 99 MD59	4P
1.3	3557	1022	1.20	MP 99 MD59	4P
1.5	3048	898	1.40	MPF 99 MD59	4P
1.7	2655	784	1.55		
2.0	2302	690	1.80		
2.2	2056	605	2.1		
2.6	1793	529	2.4		
2.9	1578	467	2.7		
3.4	1362	406	3.1		
3.7	1215	363	3.5		
1.5	3048	887	0.95	MPA 89 MD59	4P
1.7	2666	760	1.10	MPAF 89 MD59	4P
2.0	2283	674	1.30	MP 89 MD59	4P
2.2	2018	609	1.40	MPF 89 MD59	4P
2.6	1754	515	1.39		
3.0	1548	452	1.60		
3.9	1150	345	2.5		
2.8	1656	480	0.80	MPA 79 MD39	4P
3.3	1421	413	1.05	MPAF 79 MD39	4P
3.7	1264	367	1.15	MP 79 MD39	4P
4.2	1127	323	1.30	MPF 79 MD39	4P
5.3	892	257	0.60	MPA 69 MD39	4P
5.9	794	231	1.00	MPAF 69 MD39	4P
6.6	706	205	1.15	MP 69 MD39	4P
7.8	603	175	1.35	MPF 69 MD39	4P
2.5	2033	276.37	2.0	MPA 89	6P
2.7	1862	253.41	2.2	MPAF 89	6P
3.0	1644	223.88	2.5	MP 89	6P
				MPF 89	6P
2.5	1988	270.68	1.45	MPA 89	6P
2.7	1872	255.37	1.50	MPAF 89	6P
3.0	1682	226.93	1.39	MP 89	6P
3.5	1444	197.20	1.65	MPF 89	6P
3.3	1506	270.68	1.00	MPA 89	6P
3.5	1416	255.37	2.0	MPAF 89	6P
3.9	1273	226.93	2.3	MP 89	6P
4.8	1003	197.20	2.6	MPF 89	6P
5.0	908	179.97	2.9		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.55KW						
4.6	1254	225.79	1.15	MPA	75	6P
4.5	1162	198.31	1.30	MPWF	75	6P
4.8	1035	188.64	1.36	MP	75	6P
5.4	922	166.47	1.55	MPF	75	6P
6.5	760	142.27	1.80			
7.0	715	129.12	1.97			
6.0	627	225.79	1.70	MPA	75	4P
6.9	727	198.31	1.95	MPWF	75	4P
7.3	687	188.64	2.1	MP	75	4P
8.2	613	166.47	2.3	MPF	75	4P
9.8	523	142.27	2.7			
10	475	129.12	3.0			
12	418	114.45	3.4			
13	399	108.46	3.6			
14	347	94.93	4.1			
7.0	717	195.39	1.10	MPA	63	4P
8.0	627	170.65	1.25	MPWF	63	4P
8.5	587	160.42	1.32	MP	63	4P
9.6	523	142.48	1.50	MPF	63	4P
11	442	120.79	1.75			
12	399	109.04	1.95			
14	352	95.04	2.2			
15	333	90.59	2.3			
17	295	79.76	2.7			
8.7	575	157.00	1.08	MPA	59	4P
10	490	136.10	1.15	MPWF	59	4P
11	466	127.27	1.20	MP	59	4P
12	404	110.01	1.40	MPF	59	4P
15	340	93.47	1.65			
16	308	83.46	1.85			
19	266	72.58	2.1			
20	252	68.22	2.3			
23	219	58.97	2.6			
13	385	105.09	1.05	MPA	49	4P
15	328	89.29	1.15	MPWF	49	4P
17	295	79.72	1.30	MP	49	4P
20	252	68.00	1.50	MPF	49	4P
21	239	65.36	1.60			
24	209	56.40	1.85			
28	176	48.00	2.2			
32	158	42.86	2.4			
23	214	58.32	0.90	MPA	39	4P
25	200	54.54	0.95	MPWF	39	4P
26	190	51.70	1.00	MP	39	4P
29	173	47.02	1.10	MPF	39	4P
31	161	43.83	1.20			
36	141	38.31	1.35			
39	132	35.91	1.45			
43	116	31.69	1.65			
48	104	28.10	1.85			
57	87	23.88	2.2			
58	86	23.63	2.2	MPA	39	4P
66	75	20.57	2.5	MPWF	39	4P
71	70	19.27	2.7	MP	39	4P
80	63	17.03	3.0	MPF	39	4P
95	52	14.33	3.6			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.55KW						
56	86	23.21	1.45	MPA	29	4P
67	74	20.15	1.65	MPWF	29	4P
72	69	18.64	1.80	MP	29	4P
84	60	16.28	2.1	MPF	29	4P
96	50	13.54	2.4			
110	46	12.35	2.7			
129	39	10.55	3.2			
139	36	9.88	3.4			
145	34	9.40	3.6			
167	29	8.13	3.9			
197	26	6.91	4.3			
221	23	6.17	4.6			
258	19	5.27	4.9			
276	18	4.93	5.0			
327	15	4.16	5.4			
0.75KW						
0.50	11898	2789	1.45	MPA	150 MD99	4P
				MPWF	150 MD99	4P
				MP	150 MD99	4P
				MPF	150 MD99	4P
0.57	10594	2427	1.65	MPA	150 MD99	4P
0.62	7477	1674	2.4	MPWF	150 MD99	4P
1.1	5702	1308	3.1	MP	150 MD99	4P
1.2	5106	1169	3.5	MPF	150 MD99	4P
0.46	13529	3055	0.84	MPA	129 MD79	4P
				MPWF	129 MD79	4P
				MP	129 MD79	4P
				MPF	129 MD79	4P
0.52	12445	2693	0.94	MPA	129 MD79	4P
0.59	10906	2376	1.09	MPWF	129 MD79	4P
0.67	9423	2054	1.24	MP	129 MD79	4P
0.78	8208	1796	1.44	MPF	129 MD79	4P
0.85	7380	1610	1.59			
0.76	8389	1826	0.90	MPA	109 MD79	4P
0.87	7305	1591	1.01	MPWF	109 MD79	4P
0.99	6448	1405	1.15	MP	109 MD79	4P
1.1	5650	1243	1.35	MPF	109 MD79	4P
1.3	4977	1670	1.52			
1.4	4322	950	1.75			
1.7	3763	834	2.0			
2.2	2920	640	2.6			
3.2	1969	436	3.8			
1.4	6882	1822	0.90	MPA	99 MD59	4P
1.5	4145	898	1.00	MPWF	99 MD59	4P
1.8	3855	784	1.15	MP	99 MD59	4P
2.0	3165	690	1.30	MPF	99 MD59	4P
2.3	2893	605	1.50			
2.6	2440	529	1.75			
3.0	2150	467	1.95			
3.4	1852	406	2.3			
3.8	1699	363	2.5			
2.0	3107	674	0.95	MPA	89 MD59	4P
2.3	3522	600	1.05	MPWF	89 MD59	4P
2.7	2381	515	1.25	MP	89 MD59	4P
3.1	2097	452	1.40	MPF	89 MD59	4P
4.0	1578	340	1.85			
3.6	1715	367	0.85	MPA	79 MD39	4P
4.3	1519	323	0.95	MPWF	79 MD39	4P
4.9	1313	280	1.10	MP	79 MD39	4P
				MPF	79 MD39	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.75KW						
2.7	2501	254.40	2.9	MPA	100	6P
				MPWF	100	6P
				MP	100	6P
				MPF	100	6P
2.5	2727	276.77	1.50	MPA	99	6P
2.7	2499	253.81	1.65	MPWF	99	6P
3.1	2204	223.88	1.85	MP	99	6P
				MPF	99	6P
3.2	2090	276.77	1.95	MPA	99	6P
3.6	1919	253.81	2.1	MPWF	99	6P
4.0	1691	223.88	2.4	MP	99	6P
				MPF	99	6P
3.3	2043	276.68	1.40	MPA	89	6P
3.5	1929	255.37	1.50	MPWF	89	6P
3.9	1729	228.03	1.65	MP	89	6P
4.6	1462	197.20	1.90	MPF	89	6P
5.0	1359	176.97	2.1			
5.6	1207	159.61	2.4			
5.1	1330	276.68	2.1	MPA	89	4P
5.4	1264	255.37	2.3	MPWF	89	4P
6.0	1131	228.03	2.5	MP	89	4P
				MPF	89	4P
4.5	1501	196.31	0.95	MPA	79	6P
4.8	1412	184.64	1.01	MPWF	79	6P
5.4	1254	166.47	1.15	MP	79	6P
6.3	1074	142.27	1.30	MPF	79	6P
7.0	979	129.12	1.46			
6.1	1112	225.79	1.30	MPA	79	4P
7.0	979	196.31	1.45	MPWF	79	4P
7.4	903	186.64	1.56	MP	79	4P
				MPF	79	4P
8.3	817	166.47	1.75	MPA	79	4P
9.7	703	142.27	2.0			
11	635	129.12	2.2	MPWF	79	4P
12	565	114.45	2.5	MP	79	4P
13	537	108.46	2.7	MPF	79	4P
8.1	846	170.65	0.90	MPA	69	4P
8.6	799	160.42	0.96	MPWF	69	4P
9.7	703	142.48	1.10	MP	69	4P
11	594	120.79	1.30	MPF	69	4P
13	537	108.04	1.45	MPA	69	4P
14	475	95.94	1.65	MPWF	69	4P
15	447	90.59	1.75	MP	69	4P
17	394	79.76	2.0	MPF	69	4P
20	333	67.65	2.3			
23	299	61.97	2.6			
11	627	127.27	0.90	MPA	59	4P
13	542	110.01	1.05	MPWF	59	4P
15	481	93.47	1.25	MP	59	4P
17	413	83.46	1.40	MPF	59	4P
19	361	72.58	1.60			
20	337	68.22	1.70			
23	290	58.97	1.95			
28	247	50.10	2.3			
31	219	44.73	2.6			
17	394	79.72	0.95	MPA	49	4P
20	337	68.00	1.15	MPWF	49	4P
21	323	65.36	1.20	MP	49	4P
				MPF	49	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
0.75KW						
24	280	50.49	1.25	MPA	49	4P
29	236	46.66	1.60	MPWF	49	4P
32	209	42.66	1.60	MP	49	4P
36	181	36.61	2.1	MPF	49	4P
40	169	34.29	2.3			
46	143	28.68	2.7			
29	233	47.02	0.80	MPA	39	4P
31	219	43.83	0.90	MPWF	39	4P
36	189	38.31	1.00	MP	39	4P
38	177	35.91	1.05	MPF	39	4P
44	157	31.69	1.20			
48	139	28.10	1.35			
58	117	23.63	1.05	MPA	39	4P
67	102	20.57	1.85	MPWF	39	4P
72	95	19.27	2.0	MP	39	4P
81	84	17.03	2.3	MPF	39	4P
96	70	14.33	2.7			
107	64	12.87	3.0			
59	115	23.25	1.10	MPA	29	4P
69	100	20.15	1.25	MPWF	29	4P
73	93	18.64	1.35	MP	29	4P
85	81	16.28	1.55	MPF	29	4P
100	68	13.54	1.80			
112	61	12.35	2.0			
131	52	10.55	2.4			
140	48	9.88	2.5			
147	47	9.40	2.7			
169	40	8.13	2.9			
200	34	6.91	3.2			
224	30	6.17	3.4			
262	26	5.27	3.7			
280	25	4.93	3.8			
332	21	4.16	4.0			
1.1KW						
0.50	17830	2789	1.00	MPA	150 MD99	4P
				MPWF	150 MD99	4P
				MP	150 MD99	4P
				MPF	150 MD99	4P
0.58	15776	2427	1.10	MPA	150 MD99	4P
0.64	14192	2185	1.25	MPWF	150 MD99	4P
0.72	12544	1944	1.40	MP	150 MD99	4P
0.84	11074	1674	1.60	MPF	150 MD99	4P
1.1	8575	1309	2.1			
1.2	7586	1169	2.3			
1.5	6018	953	2.9			
1.7	5312	845	3.3			
2.1	4213	648	4.3			
4.6	1901	302	9.3			
0.68	13828	2054	0.94	MPA	129 MD79	4P
0.78	12059	1796	0.99	MPWF	129 MD79	4P
0.86	9867	1619	1.09	MP	129 MD79	4P
0.99	8304	1401	1.24	MPF	129 MD79	4P
1.2	8181	1230	1.44			
1.3	7266	1085	1.64			
1.1	8310	1243	0.90	MPA	109 MD79	4P
1.3	7266	1079	1.01	MPWF	109 MD79	4P
1.5	6350	950	1.20	MP	109 MD79	4P
1.7	5647	834	1.35	MPF	109 MD79	4P
1.9	4671	730	1.55			
2.2	4292	640	1.75			

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
1.1KW					
2.0	4025	698	0.90	MPA 09 MD59	4P
2.3	4097	605	1.05	MPWF 09 MD59	4P
2.6	3507	529	1.20	MP 09 MD59	4P
3.0	3148	467	1.35	MPF 09 MD59	4P
3.5	2715	406	1.55		
3.9	2440	363	1.75		
3.9	3907	452	0.95	MPA 09 MD59	4P
4.9	2313	345	1.25	MPWF 09 MD59	4P
4.7	2009	300	1.45	MP 09 MD59	4P
5.6	1656	249	1.75	MPF 09 MD59	4P
2.6	3791	254.40	1.95	MPA 109	6P
3.1	3214	215.37	2.3	MPWF 109	6P
3.4	2954	198.31	2.5	MP 109	6P
3.8	2660	178.64	2.7	MPF 109	6P
3.3	3932	276.77	1.35	MPA 09	6P
3.6	2746	253.41	1.50	MPWF 09	6P
4.1	2432	223.68	1.70	MP 09	6P
4.8	2052	189.92	2.0	MPF 09	6P
5.3	1600	174.67	2.2		
5.1	1078	276.77	2.1	MPA 09	4P
5.5	1005	253.41	2.3	MPWF 09	4P
6.2	1596	223.68	2.6	MP 09	4P
				MPF 09	4P
3.4	2930	270.64	0.95	MPA 09	6P
3.6	2774	255.32	1.05	MPWF 09	6P
4.0	2460	228.03	1.15	MP 09	6P
4.7	2136	197.20	1.35	MPF 09	6P
5.1	1948	179.97	1.45		
5.8	1729	159.61	1.65		
5.2	1929	270.64	1.50	MPA 09	4P
5.5	1824	255.32	1.55	MPWF 09	4P
6.1	1634	228.93	1.75	MP 09	4P
7.1	1406	197.20	2.0	MPF 09	4P
7.8	1283	179.97	2.2	MPA 09	4P
8.8	1140	159.61	2.5	MPWF 09	4P
10	990	134.16	3.0	MP 09	4P
11	884	123.29	3.2	MPF 09	4P
7.1	1460	198.31	1.00	MPA 70	4P
7.5	1327	186.64	1.06	MPWF 70	4P
8.4	1188	166.47	1.20	MP 70	4P
9.8	1017	142.27	1.40	MPF 70	4P
11	922	129.12	1.57	MPA 70	4P
12	817	114.45	1.75	MPWF 70	4P
13	770	108.46	1.85	MP 70	4P
15	675	94.93	2.1	MPF 70	4P
16	608	85.52	2.3		
19	537	75.62	2.7		
12	995	120.79	0.90	MPA 09	4P
13	770	108.64	1.00	MPWF 09	4P
15	684	95.94	1.15	MP 09	4P
15	640	90.59	1.20	MPF 09	4P
18	570	79.76	1.35		
21	485	67.65	1.60		
23	437	61.07	1.80		
26	385	53.73	2.0		
26	361	50.74	2.2		
32	309	43.20	2.5		
36	260	36.26	2.7		
41	242	34.01	2.9		

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
1.1KW					
17	584	83.46	0.95	MPA 59	4P
19	523	72.99	1.10	MPWF 59	4P
21	465	69.22	1.15	MP 59	4P
24	419	58.97	1.35	MPF 59	4P
28	356	50.10	1.60		
31	331	44.73	1.80		
37	271	38.21	2.1		
39	257	35.79	2.2		
46	214	30.15	2.6		
25	404	56.40	0.95	MPA 49	4P
29	342	48.00	1.10	MPWF 49	4P
				MP 49	4P
				MPF 49	4P
33	304	42.99	1.25	MPA 49	4P
38	261	36.61	1.45	MPWF 49	4P
41	242	34.29	1.55	MP 49	4P
48	204	28.69	1.85	MPF 49	4P
45	219	30.99	1.75	MPA 49	4P
49	207	28.99	1.82	MPWF 49	4P
54	183	25.72	2.1	MP 49	4P
64	156	21.82	2.4	MPF 49	4P
71	141	19.79	2.7		
44	228	31.69	0.95	MPA 39	4P
50	200	28.10	0.95	MPWF 39	4P
58	170	23.88	1.10	MP 39	4P
				MPF 39	4P
66	146	20.57	1.30	MPA 39	4P
73	136	19.27	1.40	MPWF 39	4P
82	122	17.03	1.55	MP 39	4P
96	103	14.33	1.85	MPF 39	4P
109	92	12.97	2.1		
126	79	11.08	2.3		
134	74	10.42	2.4		
156	64	8.97	2.6		
89	143	20.15	0.65	MPA 29	4P
74	134	18.84	0.90	MPWF 29	4P
86	116	16.29	1.05	MP 29	4P
101	99	13.94	1.25	MPF 29	4P
115	88	12.35	1.40		
133	75	10.55	1.65		
142	70	9.88	1.75		
149	67	9.40	1.85		
172	58	8.13	2.0		
203	49	6.91	2.2		
227	44	6.17	2.4		
266	38	5.27	2.5		
284	35	4.93	2.6		
337	29	4.16	2.8		
1.5KW					
0.58	21746	2427	0.80	MPA 159 MD69	4P
0.65	19404	2165	0.90	MPWF 159 MD69	4P
0.73	17248	1944	1.00	MP 159 MD69	4P
0.84	15196	1678	1.15	MPF 159 MD69	4P
1.1	11760	1308	1.50		
1.2	10406	1909	1.70		
1.5	8408	953	2.1		
1.7	7389	845	2.4		
2.2	3960	446	4.5		
4.7	2643	302	6.7		

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
1.5KW					
0.67	14519	1619	0.79	MPA 129 MD79	4P
0.99	12641	1401	0.94	MPWF 129 MD79	4P
1.2	11100	1230	1.04	MP 129 MD79	4P
1.3	9872	1085	1.19	MPF 129 MD79	4P
1.5	8521	937	1.39		
1.7	7502	827	1.58		
1.9	6830	730	1.79		
2.2	5975	653	1.98		
1.5	8673	950	0.65	MPA 109 MD79	4P
1.7	7585	834	1.00	MPWF 109 MD79	4P
1.9	6674	736	1.15	MP 109 MD79	4P
2.2	5860	646	1.30	MPF 109 MD79	4P
2.5	5067	568	1.50		
2.9	4430	489	1.70		
3.2	3989	436	1.90		
3.6	3381	376	2.2		
2.7	4801	529	0.65	MPA 09 MD59	4P
3.0	4292	467	1.00	MPWF 09 MD59	4P
3.5	3714	406	1.15	MP 09 MD59	4P
3.9	3332	363	1.25	MPF 09 MD59	4P
4.7	2744	300	1.85	MPA 09 MD59	4P
5.7	2274	249	1.30	MPWF 09 MD59	4P
				MP 09 MD59	4P
				MPF 09 MD59	4P
2.8	4950	254.40	1.50	MPA 103	6P
3.2	4190	215.37	1.75	MPWF 103	6P
3.5	3810	196.31	1.90	MP 103	6P
3.9	3477	178.64	2.1	MPF 103	6P
3.6	3702	254.40	1.95	MPA 103	6P
4.3	3163	215.37	2.3	MPWF 103	6P
4.6	2945	196.31	2.5	MP 103	6P
5.2	2641	178.64	2.8	MPF 103	6P
3.3	4095	276.77	1.00	MPA 09	6P
3.6	3753	253.41	1.10	MPWF 09	6P
4.1	3316	223.68	1.25	MP 09	6P
4.8	2812	189.92	1.45	MPF 09	6P
5.3	2564	174.67	1.60		
5.1	2670	276.77	1.55	MPA 09	4P
5.6	2442	253.41	1.65	MPWF 09	4P
6.3	2157	223.68	1.90	MP 09	4P
7.4	1834	189.92	2.2	MPF 09	4P
8.1	1691	174.67	2.4		
5.2	2613	270.64	1.10	MPA 09	4P
5.5	2461	255.32	1.15	MPWF 09	4P
6.2	2214	228.03	1.30	MP 09	4P
7.2	1900	197.20	1.50	MPF 09	4P
7.8	1739	179.97	1.65	MPA 09	4P
8.8	1539	159.61	1.85	MPWF 09	4P
11	1292	134.16	2.2	MP 09	4P
13	1055	109.49	2.7	MPF 09	4P
14	941	97.89	3.0		
8.5	1006	166.47	0.90	MPA 70	4P
9.9	1378	142.27	1.05	MPWF 70	4P
11	1242	129.12	1.16	MP 70	4P
12	1162	114.45	1.39	MPF 70	4P

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
1.5KW					
13	1045	105.46	1.35	MPA 39	4P
15	912	94.93	1.55	MPWF 39	4P
16	827	85.52	1.75	MP 39	4P
19	722	75.62	1.95	MPF 39	4P
19	699	72.59	2.0		
21	635	65.88	2.2		
24	565	58.32	2.5		
26	532	55.27	2.7		
29	486	49.37	3.1		
32	423	43.58	3.4		
37	371	38.23	3.9		
30	352	36.58	3.0	MPA 79	4P
45	304	31.51	4.3	MPWF 79	4P
				MP 79	4P
				MPF 79	4P
16	874	90.59	0.90	MPA 69	4P
18	770	79.76	1.00	MPWF 69	4P
21	651	67.65	1.20	MP 69	4P
23	569	61.07	1.30	MPF 69	4P
26	518	53.73	1.50		
28	489	50.74	1.60		
33	416	43.20	1.85		
36	380	39.26	1.95		
39	340	35.96	2.2	MPA 69	4P
44	300	32.66	2.5	MPWF 69	4P
51	266	27.46	2.9	MP 69	4P
57	240	24.88	3.2	MPF 69	4P
24	578	59.97	1.00	MPA 59	4P
28	485	50.39	1.20	MPWF 59	4P
32	432	44.73	1.30	MP 59	4P
37	371	38.23	1.55	MPF 59	4P
39	347	35.79	1.65		
47	290	30.05	1.95		
33	433	42.89	0.90	MPA 49	4P
39	352	36.61	1.10	MPWF 49	4P
41	333	34.29	1.15	MP 49	4P
49	280	28.88	1.35	MPF 49	4P
46	296	30.88	1.30	MPA 49	4P
49	282	28.98	1.37	MPWF 49	4P
55	247	25.72	1.55	MP 49	4P
65	209	21.82	1.80	MPF 49	4P
72	190	19.79	2.0		
81	167	17.33	2.3		
86	158	16.36	2.4		
101	135	13.93	2.8		
69	200	20.57	0.65	MPA 39	4P
73	186	19.27	1.00	MPWF 39	4P
83	164	17.03	1.15	MP 39	4P
96	139	14.33	1.35	MPF 39	4P
110	124	12.87	1.55		
127	107	11.08	1.79		
135	101	10.42	1.75		
157	80	8.97	1.90		
186	77	8.01	2.1		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
1.5KW						
102	134	13.84	0.90	MPA	20	4P
114	120	12.35	1.05	MPAF	20	4P
134	102	10.55	1.20	MP	20	4P
143	95	9.68	1.30	MPF	20	4P
150	91	9.40	1.35			
173	79	8.13	1.50			
204	67	6.91	1.60			
229	60	6.17	1.75			
268	51	5.27	1.85			
286	48	4.93	1.90			
339	40	4.16	2.1			
2.2KW						
0.66	88526	1441	0.95	MPA	150 MD09	4P
				MPAF	150 MD09	4P
				MP	150 MD09	4P
				MPF	150 MD09	4P
1.1	67542	1366	1.00	MPA	150 MD09	4P
1.2	61082	1169	1.15	MPAF	150 MD09	4P
1.5	52544	953	1.40	MP	150 MD09	4P
1.7	46974	845	1.60	MPF	150 MD09	4P
1.9	39900	784	1.75			
2.1	36809	689	2.0			
2.5	29428	576	2.4			
3.2	22851	448	3.0			
4.7	15959	302	4.5			
5.2	14517	273	5.0			
6.1	12969	232	5.9			
7.2	10538	197	7.0			
1.3	44710	1085	0.79	MPA	120 MD79	4P
1.5	42638	937	0.94	MPAF	120 MD79	4P
1.7	31169	827	1.04	MP	120 MD79	4P
1.9	29841	733	1.19	MPF	120 MD79	4P
2.2	26820	653	1.34			
2.6	24483	553	1.59			
2.9	21738	499	1.74			
3.3	19823	435	1.99			
2.2	19853	649	0.85	MPA	100 MD79	4P
2.5	17517	569	1.00	MPAF	100 MD79	4P
2.9	15768	489	1.15	MP	100 MD79	4P
3.2	13800	436	1.30	MPF	100 MD79	4P
3.8	11961	370	1.50			
4.2	11436	333	1.65			
4.9	9871	285	1.15	MPA	90 MD59	4P
5.8	8322	245	1.25	MPAF	90 MD59	4P
				MP	90 MD59	4P
				MPF	90 MD59	4P
2.8	7258	254.40	1.00	MPA	100	6P
3.2	6157	215.37	1.20	MPAF	100	6P
3.5	5691	199.31	1.30	MP	100	6P
3.9	5062	178.64	1.45	MPF	100	6P
3.7	5438	254.40	1.35	MPA	100	6P
4.4	4570	215.37	1.60	MPAF	100	6P
4.7	4228	199.31	1.70	MP	100	6P
5.3	3791	178.64	1.90	MPF	100	6P
5.5	3631	254.40	2.0	MPA	100	4P
6.5	3030	215.37	2.4	MPAF	100	4P
7.1	2822	199.31	2.6	MP	100	4P
7.9	2527	178.64	2.9	MPF	100	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
2.2KW						
4.2	4750	223.88	0.85	MPA	90	6P
5.0	4029	189.92	1.00	MPAF	90	6P
5.4	3715	174.97	1.10	MP	90	6P
6.0	3356	156.30	1.25	MPF	90	6P
5.1	3914	276.77	1.05	MPA	90	4P
5.8	3591	253.41	1.15	MPAF	90	4P
6.3	3173	223.88	1.30	MP	90	4P
7.4	2689	189.92	1.50	MPF	90	4P
8.1	2480	174.97	1.65			
9.0	2254	156.30	1.85			
10	1995	140.71	2.1			
11	1805	127.42	2.3			
7.2	2703	197.20	1.00	MPA	80	4P
7.8	2540	179.97	1.10	MPAF	80	4P
8.8	2281	158.61	1.25	MP	80	4P
11	1900	134.56	1.50	MPF	80	4P
11	1748	123.29	1.65	MPA	80	4P
13	1540	108.49	1.85	MPAF	80	4P
14	1397	97.69	2.1	MP	80	4P
16	1245	88.01	2.3	MPF	80	4P
18	1053	76.39	2.6			
21	969	68.40	2.9			
25	808	56.75	3.6			
28	733	50.36	3.9			
31	641	45.28	4.2			
12	1620	114.45	0.90	MPA	70	4P
13	1539	108.46	0.95	MPAF	70	4P
15	1340	94.93	1.05	MP	70	4P
16	1207	85.52	1.20	MPF	70	4P
19	1064	75.02	1.35	MPA	70	4P
21	931	65.60	1.52	MPAF	70	4P
24	827	58.32	1.75	MP	70	4P
26	779	55.27	1.80	MPF	70	4P
29	684	48.37	2.1			
32	618	43.58	2.3			
39	516	36.56	2.9	MPA	70	4P
45	447	31.51	2.9	MPAF	70	4P
49	409	28.75	3.3	MP	70	4P
55	361	25.50	4.0	MPF	70	4P
23	865	61.57	0.90	MPA	60	4P
26	760	53.73	1.00	MPAF	60	4P
28	717	50.74	1.10	MP	60	4P
33	613	43.30	1.25	MPF	60	4P
36	556	39.28	1.35			
41	480	34.01	1.45			
44	456	32.08	1.70	MPA	60	4P
51	390	27.41	2.0	MPAF	60	4P
57	353	24.88	2.2	MP	60	4P
64	314	22.05	2.5	MPF	60	4P
67	295	20.90	2.6			
77	261	18.29	3.0			
32	632	44.73	0.80	MPA	50	4P
37	542	38.21	1.05	MPAF	50	4P
39	506	35.79	1.15	MP	50	4P
47	428	30.15	1.30	MPF	50	4P
56	352	24.96	1.55	MPA	50	4P
67	299	21.17	1.90	MPAF	50	4P
74	271	19.11	2.1	MP	50	4P
84	238	16.81	2.4	MPF	50	4P
89	223	15.66	2.5			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
2.2KW						
5.5	388	25.72	1.05	MPA	60	4P
6.5	309	21.32	1.25	MPAF	60	4P
7.2	280	19.70	1.35	MP	60	4P
8.1	247	17.33	1.55	MPF	60	4P
8.6	233	16.36	1.65			
10.1	206	13.93	1.95			
11.1	190	12.86	2.1			
12.9	165	10.97	2.5			
15.7	126	8.90	2.5			
9.8	204	14.33	0.95	MPA	30	4P
11.0	182	12.57	1.05	MPAF	30	4P
12.7	157	11.08	1.15	MP	30	4P
13.5	147	10.42	1.20	MPF	30	4P
15.7	127	8.97	1.30			
17.8	113	8.01	1.40			
20.9	95	6.74	1.40			
23.3	86	6.05	1.50			
27.1	74	5.21	1.60			
28.8	69	4.90	1.65			
33.4	60	4.22	1.75			
37.4	53	3.77	1.85			
3KW						
1.2	21560	1909	0.80	MPA	150 MD09	4P
1.5	17444	953	1.00	MPAF	150 MD09	4P
1.7	15306	845	1.15	MP	150 MD09	4P
1.8	13016	784	1.25	MPF	150 MD09	4P
2.1	12348	689	1.45			
2.4	10399	576	1.70			
3.1	8144	446	2.2			
4.6	5517	302	3.2			
5.1	4969	273	3.6			
6.0	4175	232	4.2			
7.1	3548	197	5.0			
1.9	13020	733	0.84	MPA	120 MD79	4P
2.2	12147	653	0.94	MPAF	120 MD79	4P
2.6	10305	553	1.14	MP	120 MD79	4P
2.8	9298	499	1.29	MPF	120 MD79	4P
3.2	8134	436	0.95	MPA	100 MD79	4P
3.6	6899	370	1.10	MPAF	100 MD79	4P
4.2	6213	333	1.20	MP	100 MD79	4P
4.8	5420	291	1.40	MPF	100 MD79	4P
3.7	7383	254.40	1.00	MPA	100	6P
4.4	6232	215.37	1.15	MPAF	100	6P
4.7	5767	199.31	1.25	MP	100	6P
5.3	5148	178.64	1.40	MPF	100	6P
5.5	4950	254.40	1.50	MPA	100	4P
6.5	4196	215.37	1.75	MPAF	100	4P
7.0	3870	199.31	1.90	MP	100	4P
7.8	3477	178.64	2.1	MPF	100	4P
8.7	3135	161.28	2.3			
6.2	4351	223.88	0.95	MPA	90	4P
7.4	3696	189.92	1.10	MPAF	90	4P
8.0	3401	174.97	1.20	MP	90	4P
				MPF	90	4P
9.0	3040	156.30	1.35	MPA	90	4P
10	2720	140.71	1.50	MPAF	90	4P
11	2480	127.42	1.65	MP	90	4P
12	2195	112.99	1.85	MPF	90	4P
14	1989	102.16	2.1			
16	1748	89.85	2.3			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
3KW						
10	2613	134.16	1.10	MPA	80	4P
11	2354	123.29	1.20	MPAF	80	4P
13	2126	109.49	1.35	MP	80	4P
				MPF	80	4P
14	1900	97.69	1.50	MPA	80	4P
16	1719	88.65	1.65	MPAF	80	4P
18	1482	76.39	1.90	MP	80	4P
20	1330	68.49	2.1	MPF	80	4P
25	1102	56.75	2.6			
29	979	50.36	2.9			
16	1663	85.52	0.65	MPA	70	4P
19	1463	75.02	1.00	MPAF	70	4P
21	1279	65.60	1.11	MP	70	4P
				MPF	70	4P
24	1131	58.32	1.25	MPA	70	4P
25	1074	55.27	1.35	MPAF	70	4P
29	981	48.37	1.50	MP	70	4P
32	846	43.58	1.39	MPF	70	4P
37	741	38.23	1.90			
38	713	36.56	1.50	MPA	70	4P
44	613	31.51	2.1	MPAF	70	4P
40	561	28.75	2.4	MP	70	4P
55	494	25.50	2.9	MPF	70	4P
65	418	21.43	3.4			
32	836	43.26	0.85	MPA	60	4P
36	760	39.28	0.95	MPAF	60	4P
41	660	34.01	1.05	MP	60	4P
				MPF	60	4P
44	622	32.08	1.20	MPA	60	4P
51	532	27.41	1.45	MPAF	60	4P
57	484	24.88	1.62	MP	60	4P
63	428	22.05	1.80	MPF	60	4P
67	400	20.90	1.90			
77	354	18.29	2.2			
85	318	16.45	2.4			
97	280	14.45	2.8			
56	485	24.96	1.15	MPA	50	4P
66	413	21.17	1.40	MPAF	50	4P
73	371	19.11	1.55	MP	50	4P
83	326	16.81	1.75	MPF	50	4P
89	300	15.89	1.85			
104	261	13.52	2.2			
114	236	12.29	2.4			
132	209	10.64	2.8			
71	365	18.70	1.00	MPA	40	4P
81	337	17.53	1.15	MPAF	40	4P
86	318	16.39	1.20	MP	40	4P
100	271	13.93	1.40	MPF	40	4P
111	247	12.66	1.55			
128	214	10.97	1.80			
156	176	8.96	1.80			
136	214	11.08	0.85	MPA	30	4P
154	204	10.42	0.85	MPAF	30	4P
156	175	8.97	0.95	MP	30	4P
185	156	8.01	1.05	MPF	30	4P
208	131	6.74	1.00			
231	118	6.05	1.10			
269	102	5.21	1.10			
286	95	4.90	1.20			
332	82	4.22	1.25			
322	73	3.77	1.35			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
4KW						
1.7	20394	845	0.85	MPA	150 MD3	4P
1.9	18424	764	0.95	MPAF	150 MD3	4P
2.1	16366	689	1.10	MP	150 MD3	4P
2.5	13619	576	1.30	MPF	150 MD3	4P
3.2	10780	446	1.65			
4.7	7315	302	2.4			
5.2	6598	273	2.7			
6.1	5547	232	3.2			
7.2	4784	197	3.8			
2.6	13625	553	0.84	MPA	120 MD7	4P
2.9	12250	499	0.94	MPAF	120 MD7	4P
3.3	10880	438	1.09	MP	120 MD7	4P
3.8	9271	378	1.28	MPF	120 MD7	4P
4.3	8183	333	0.90	MPA	100 MD7	4P
4.9	7154	290	1.05	MPAF	100 MD7	4P
5.6	6272	255	1.20	MP	100 MD7	4P
				MPF	100 MD7	4P
4.2	8675	172.17	1.29	MPA	125	6P
4.7	7933	154.66	1.44	MPAF	125	6P
5.7	6357	126.36	1.76	MP	125	6P
				MPF	125	6P
5.6	6408	254.40	1.18	MPA	100	4P
6.0	5501	215.37	1.35	MPAF	100	4P
7.1	5052	198.31	1.45	MP	100	4P
8.0	4570	176.64	1.60	MPF	100	4P
8.8	4123	161.28	1.75			
9.7	3743	148.49	1.95			
11	3325	129.97	2.2			
12	3012	117.94	2.4			
14	2598	101.38	2.8			
8.1	4405	174.97	0.90	MPA	90	4P
9.1	3930	156.36	1.00	MPAF	90	4P
10	3591	140.71	1.15	MP	90	4P
11	3259	127.42	1.25	MPF	90	4P
13	2698	112.00	1.40	MPA	90	4P
14	2613	102.16	1.55	MPAF	90	4P
15	2459	97.59	1.65	MP	90	4P
16	2259	89.65	1.80	MPF	90	4P
18	2052	80.31	2.0			
20	1843	72.30	2.2			
22	1672	65.47	2.4			
13	2833	109.49	1.00	MPA	80	4P
15	2499	97.09	1.15	MPAF	80	4P
16	2252	88.01	1.25	MP	80	4P
				MPF	80	4P
19	1948	76.39	1.45	MPA	80	4P
21	1748	68.40	1.65	MPAF	80	4P
25	1454	56.75	1.95	MP	80	4P
28	1283	50.36	2.2	MPF	80	4P
31	1159	45.28	2.3			
21	1694	65.60	0.86	MPA	70	4P
24	1462	58.32	0.95	MPAF	70	4P
26	1418	55.27	1.09	MP	70	4P
29	1235	48.37	1.15	MPF	70	4P
33	1112	43.58	1.39	MPA	70	4P
37	979	38.23	1.45	MPAF	70	4P
42	865	33.74	1.65	MP	70	4P
47	760	29.91	1.85	MPF	70	4P
56	651	25.54	2.1			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
4KW						
45	898	31.58	1.65	MPA	70	4P
49	736	28.75	1.65	MPAF	70	4P
56	651	25.50	2.2	MP	70	4P
66	546	21.43	2.6	MPF	70	4P
72	504	19.79	2.8			
52	698	27.41	1.80	MPA	60	4P
58	635	24.88	1.21	MPAF	60	4P
64	565	22.05	1.40	MP	60	4P
68	532	20.90	1.45	MPF	60	4P
78	466	18.29	1.65			
86	423	16.46	1.85			
98	371	14.46	2.1			
111	328	12.78	2.4			
120	299	11.31	2.7			
147	247	9.60	3.2			
158	233	9.07	2.2			
165	219	8.60	2.5			
189	195	7.52	3.0			
209	174	6.78	3.4			
239	152	5.95	3.8			
293	124	5.25	4.2			
305	119	4.65	4.5			
359	102	3.97	4.7			
67	542	21.57	1.85	MPA	50	4P
74	488	19.11	1.55	MPAF	50	4P
84	428	16.81	1.35	MP	50	4P
95	494	15.88	1.40	MPF	50	4P
105	347	13.52	1.65			
116	314	12.29	1.80			
133	271	10.64	2.1			
153	236	9.31	1.70			
173	209	8.19	1.90			
184	200	7.73	2.0			
210	168	6.58	3.4			
237	153	5.96	2.6			
274	132	5.16	3.0			
5.5KW						
2.5	19012	576	0.85	MPA	150 MD3	4P
2.8	16552	501	1.05	MPAF	150 MD3	4P
3.2	14798	446	1.20	MP	150 MD3	4P
4.1	11564	353	1.50	MPF	150 MD3	4P
4.7	10004	302	1.75			
5.2	9065	273	1.95			
6.2	7654	232	2.3			
7.1	6654	202	2.7			
7.3	6488	197	2.7			
3.4	14016	421	0.84	MPA	120 MD3	4P
3.6	12548	377	0.94	MPAF	120 MD3	4P
4.0	10405	314	1.14	MP	120 MD3	4P
4.9	8618	260	1.19	MPF	120 MD3	4P
5.5	8071	201	1.34			
6.3	7405	225	1.59			
3.3	14533	431	0.29	MPA	120 MD3	4P
3.9	12709	378	0.94	MPAF	120 MD3	4P
				MP	120 MD3	4P
				MPF	120 MD3	4P
2.6	19916	267.43	0.90	MPA	150	6P
3.3	15705	217.62	1.10	MPAF	150	6P
4.0	12540	178.20	1.35	MP	150	6P
4.4	11495	162.96	1.50	MPF	150	6P
5.0	9975	141.60	1.70			
5.7	8737	125.14	1.95			
6.5	7629	108.49	2.2			
7.4	6783	96.53	2.3			
8.3	6033	85.80	2.6			
9.1	5559	78.46	3.1			
10	4708	68.28	3.6			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
5.5KW						
4.2	12004	172.17	0.94	MPA	120	6P
4.6	10915	154.66	1.04	MPAF	120	6P
5.7	8870	126.36	1.29	MP	120	6P
6.2	8166	116.24	1.39	MPF	120	6P
6.6	7515	215.37	0.95	MPA	100	4P
7.2	6954	198.31	1.05	MPAF	100	4P
8.0	6232	176.64	1.15	MP	100	4P
8.9	5624	161.28	1.30	MPF	100	4P
8.8	5111	146.49	1.45	MPA	100	4P
11	4532	129.97	1.60	MPAF	100	4P
12	4114	117.94	1.75	MP	100	4P
14	3534	101.38	2.1	MPF	100	4P
15	3230	92.47	2.3			
16	3088	88.40	2.4			
17	2909	83.99	2.5			
11	4446	127.42	0.99	MPA	90	4P
13	3943	112.99	1.65	MPAF	90	4P
14	3583	102.90	1.15	MP	90	4P
				MPF	90	4P
15	3401	97.38	1.20	MPA	90	4P
16	3135	89.65	1.30	MPAF	90	4P
17	3021	86.59	1.35	MP	90	4P
18	2803	80.31	1.45	MPF	90	4P
19	2641	75.83	1.55			
20	2527	72.30	1.60			
22	2280	65.47	1.80			
25	2024	58.00	2.0			
27	1834	52.49	2.2			
16	3069	88.01	0.95	MPA	80	4P
19	2670	76.39	1.05	MPAF	80	4P
21	2385	68.40	1.20	MP	80	4P
25	1976	56.75	1.45	MPF	80	4P
28	1758	50.36	1.60	MPA	80	4P
32	1577	45.28	1.70	MPAF	80	4P
36	1368	39.30	1.90	MP	80	4P
41	1226	35.19	2.0	MPF	80	4P
49	1017	29.20	2.3			
43	1168	33.02	2.1	MPA	80	4P
50	1007	28.78	2.3	MPAF	80	4P
54	922	26.50	3.1	MP	80	4P
68	827	23.08	3.5	MPF	80	4P
30	1661	48.37	0.85	MPA	70	4P
33	1520	43.58	0.95	MPAF	70	4P
37	1330	38.23	1.05	MP	70	4P
42	1176	33.74	1.20	MPF	70	4P
45	1045	29.91	1.35			
56	893	25.54	1.55			
56	881	25.50	1.60	MPA	70	4P
67	746	21.43	1.90	MPAF	70	4P
73	689	19.79	2.1	MP	70	4P
81	613	17.49	2.3	MPF	70	4P
91	546	15.64	2.6			
102	489	14.06	2.9			
117	428	12.21	3.4			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
5.5KW						
65	770	22.65	1.00	MPA	69	4P
69	732	20.99	1.05	MPAF	69	4P
76	637	18.29	1.20	MP	69	4P
87	575	16.48	1.35	MPF	69	4P
98	504	14.46	1.55			
112	447	12.76	1.75			
126	394	11.31	1.95			
148	337	9.64	2.3			
158	316	9.07	1.00			
169	296	8.46	1.60			
192	261	7.53	2.2			
218	236	6.78	2.5			
240	200	5.95	2.8			
272	183	5.25	3.1			
307	162	4.65	3.3			
360	139	3.97	3.4			
85	589	16.81	0.95	MPA	59	4P
90	554	15.88	1.05	MPAF	59	4P
106	470	13.52	1.20	MP	59	4P
116	428	12.29	1.35	MPF	59	4P
134	371	10.64	1.55			
125	395	8.19	1.40			
165	271	7.73	1.50			
217	229	6.58	1.25			
239	200	5.96	1.00			
276	181	5.16	2.2			
7.5KW						
4.6	14301	314	0.94	MPA	120 MD3	4P
4.9	13418	295	0.89	MPAF	120 MD3	4P
5.5	11851	261	0.99	MP	120 MD3	4P
6.3	10283	225	1.14	MPF	120 MD3	4P
7.2	8052	198	1.29			
2.4	27599	294.51	1.27	MPA	109	6P
3.0	22647	241.67	1.55	MPAF	109	6P
				MP	109	6P
				MPF	109	6P
3.3	20486	294.51	1.71	MPA	109	6P
4.0	16810	241.67	2.05	MPAF	109	6P
				MP	109	6P
				MPF	109	6P
3.3	36526	217.62	0.65	MPA	150	6P
4.0	16835	178.20	1.00	MPAF	150	6P
4.4	15390	162.96	1.10	MP	150	6P
5.1	13395	141.60	1.30	MPF	150	6P
5.8	11760	125.14	1.45			
6.6	10250	108.49	1.65			
7.5	9120	96.53	1.85			
8.4	8104	85.80	2.1			
9.2	7420	78.46	2.3			
11	6454	68.28	2.7			
12	5691	60.25	3.0			
14	4948	52.24	3.5			
15	4359	46.48	3.9			
16	3781	40.66	4.5			
3.8	19099	267.43	0.90	MPA	159	6P
4.4	15366	217.62	1.10	MPAF	159	6P
5.4	12635	178.20	1.35	MP	159	6P
5.9	11590	162.96	1.50	MPF	159	6P
6.8	10070	141.60	1.39			
7.7	8873	125.14	1.55			
8.6	7686	108.49	2.2			
10	6840	96.53	2.5			
11	6060	85.80	2.8			
12	5508	78.46	3.1			
14	4836	68.28	3.5			
16	4275	60.25	4.0			
18	3705	52.24	4.6			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
7.5KW						
5.7	11969	126.36	0.94	MPA	125	6P
6.3	10915	115.24	1.04	MPAF	125	6P
7.2	9422	99.73	1.19	MP	125	6P
8.1	8321	88.00	1.39	MPF	125	6P
5.6	12168	172.17	0.94	MPA	125	6P
6.2	11111	154.88	1.04	MPAF	125	6P
7.6	8953	126.36	1.29	MP	125	6P
8.3	8167	115.24	1.39	MPF	125	6P
8.3	8196	172.17	1.39	MPA	125	4P
9.2	7373	154.88	1.54	MPAF	125	4P
11	6013	126.36	1.89	MP	125	4P
				MPF	125	4P
8.0	8503	176.64	0.85	MPA	100	4P
8.9	7676	161.26	0.95	MPAF	100	4P
8.8	6973	146.49	1.05	MP	100	4P
11	6185	129.97	1.20	MPF	100	4P
12	5815	119.94	1.35	MPA	100	4P
14	4826	101.38	1.59	MPAF	100	4P
15	4309	92.47	1.85	MP	100	4P
16	4209	88.49	1.75	MPF	100	4P
17	4000	83.99	1.85			
19	3544	74.52	2.1			
21	3221	67.62	2.3			
15	4646	97.56	0.90	MPA	90	4P
16	4215	89.85	0.95	MPAF	90	4P
17	4123	86.59	1.09	MP	90	4P
18	3819	80.31	1.05	MPF	90	4P
19	3631	75.63	1.15			
20	3439	72.30	1.29			
22	3116	65.47	1.30	MPA	90	4P
25	2755	58.09	1.50	MPAF	90	4P
27	2499	52.49	1.65	MP	90	4P
32	2193	44.49	1.95	MPF	90	4P
37	1853	38.86	2.2			
44	1549	32.50	2.6			
33	2052	43.28	1.40	MPA	90	4P
39	1748	36.64	1.65	MPAF	90	4P
42	1615	33.91	2.5	MP	90	4P
47	1448	30.39	2.8	MPF	90	4P
25	2668	56.75	1.05	MPA	89	4P
29	2304	50.36	1.15	MPAF	89	4P
32	2107	45.26	1.25	MP	89	4P
36	1973	39.50	1.40	MPF	89	4P
41	1672	35.93	1.50			
49	1397	29.20	1.70			
50	1369	28.78	1.70	MPA	89	4P
54	1204	26.50	2.3	MPAF	89	4P
60	1131	23.68	2.5	MP	89	4P
67	1017	21.32	2.8	MPF	89	4P
74	922	19.31	3.1			
84	817	17.12	3.5			
92	736	15.48	3.9			
42	1600	33.74	0.90	MPA	70	4P
48	1425	29.91	1.00	MPAF	70	4P
56	1216	25.54	1.15	MP	70	4P
				MPF	70	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
7.5KW						
56	1216	25.50	1.15	MPA	70	4P
67	1017	21.43	1.40	MPAF	70	4P
73	941	19.39	1.50	MP	70	4P
82	836	17.49	1.70	MPF	70	4P
91	746	15.64	1.90			
102	670	14.06	2.1			
117	580	12.21	2.5			
131	518	10.93	2.7			
154	442	9.30	2.3			
173	394	8.26	2.6			
198	352	7.36	2.9			
215	318	6.64	3.3			
248	276	5.76	3.7			
277	247	5.16	4.2			
334	294	4.28	4.7			
11KW						
4.8	20188	302	0.90	MPA	150	MD99 4P
5.3	18228	273	0.95	MPAF	150	MD99 4P
6.2	15396	232	1.15	MP	150	MD99 4P
7.1	13426	202	1.30	MPF	150	MD99 4P
7.1	13034	197	1.35			
6.4	15030	225	0.79	MPA	125	MD99 4P
7.3	13198	199	0.90	MPAF	125	MD99 4P
8.6	11141	167	1.04	MP	120	MD99 4P
				MPF	120	MD99 4P
3.0	32760	241.67	1.87	MPA	100	6P
3.3	29975	221.12	1.57	MPAF	100	6P
3.7	26854	196.62	1.31	MP	100	6P
4.1	24434	180.03	1.43	MPF	100	6P
3.3	30943	294.51	1.90	MPA	100	6P
4.0	24855	241.67	1.42	MPAF	100	6P
4.4	22556	221.12	1.55	MP	100	6P
4.9	20859	196.62	1.74	MPF	100	6P
5.4	18306	180.03	1.91			
5.0	19662	294.51	1.25	MPA	100	4P
6.0	16330	241.67	2.14	MPAF	100	4P
6.6	14957	221.12	2.34	MP	100	4P
7.4	13327	196.62	2.63	MPF	100	4P
8.1	12202	180.03	2.87			
5.1	19665	141.80	0.85	MPA	150	6P
5.8	17595	125.14	1.00	MPAF	150	6P
6.6	15019	106.49	1.15	MP	150	6P
7.5	13395	96.53	1.30	MPF	150	6P
5.4	18525	178.26	0.90	MPA	150	6P
5.9	16910	162.96	1.00	MPAF	150	6P
6.9	14725	141.80	1.15	MP	150	6P
7.7	13015	125.14	1.30	MPF	150	6P
8.8	11385	106.49	1.50			
10	10070	96.53	1.70			
11	8921	85.80	1.90			
12	8161	78.46	2.1			
5.4	18525	262.43	0.90	MPA	150	4P
6.6	15195	217.62	1.15	MPAF	150	4P
8.1	12350	178.26	1.40	MP	150	4P
8.8	11385	162.96	1.50	MPF	150	4P
10	9785	141.80	1.75			
12	8674	125.14	1.95			
13	7915	106.49	2.3			
15	6688	96.53	2.6			
17	5947	85.80	2.9			
18	5434	78.46	3.1			
21	4731	68.28	3.6			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
11KW						
7.6	13188	126.36	0.64	MPA	125	6P
8.3	11968	115.24	0.94	MPAF	125	6P
9.6	10341	99.73	1.09	MP	125	6P
11	9144	88.00	1.24	MPF	125	6P
13	7593	76.00	1.44			
8.3	11968	172.17	0.94	MPA	125	4P
9.3	10724	154.88	1.04	MPAF	125	4P
11	8761	126.36	1.29	MP	125	4P
13	7565	115.24	1.44	MPF	125	4P
15	6913	99.73	1.64			
18	6099	88.00	1.89			
19	5266	76.00	2.2			
12	8532	157.94	0.90	MPA	100	4P
14	7030	191.38	1.05	MPAF	100	4P
16	6413	92.47	1.15	MP	100	4P
				MPF	100	4P
17	5824	83.99	1.25	MPA	100	4P
19	5166	74.52	1.49	MPAF	100	4P
21	4664	67.62	1.55	MP	100	4P
25	4039	58.12	1.80	MPF	100	4P
28	3515	50.73	2.1			
33	2983	43.03	2.5			
43	2347	33.79	3.0	MPA	100	4P
52	1919	27.57	3.9	MPAF	100	4P
57	1739	25.14	4.3	MP	100	4P
				MPF	100	4P
22	4541	65.47	0.90	MPA	90	4P
25	4059	58.09	1.00	MPAF	90	4P
27	3639	52.49	1.10	MP	90	4P
				MPF	90	4P
32	3093	44.49	1.30	MPA	90	4P
37	2669	38.86	1.50	MPAF	90	4P
44	2252	32.50	1.80	MP	90	4P
				MPF	90	4P
42	2347	33.91	1.75	MPA	89	4P
47	2109	30.39	1.85	MPAF	89	4P
52	1900	27.44	2.2	MP	89	4P
59	1729	24.92	2.4	MPF	89	4P
65	1530	22.11	2.7			
37	2727	39.30	0.95	MPA	89	4P
41	2442	35.19	1.05	MPAF	89	4P
49	2024	29.20	1.20	MP	89	4P
				MPF	89	4P
54	1934	26.50	1.55	MPA	89	4P
61	1644	23.68	1.75	MPAF	89	4P
68	1482	21.32	1.95	MP	89	4P
75	1340	19.31	2.1	MPF	89	4P
84	1188	17.12	2.4			
93	1074	15.48	2.7			
110	942	13.52	3.1			
73	1300	18.79	1.65	MPA	70	4P
82	1218	17.49	1.35	MPAF	70	4P
92	1083	15.64	1.30	MP	70	4P
102	979	14.06	1.45	MPF	70	4P
118	848	12.21	1.70			
132	755	10.93	1.90			
155	646	9.30	1.60			
174	575	8.26	1.80			
195	513	7.36	2.0			
217	461	6.64	2.2			
249	399	5.76	2.6			
279	359	5.16	2.9			
336	295	4.28	3.2			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
15KW						
6.3	20770	232	0.85	MPA	150	MD99 4P
7.2	18130	202	0.95	MPAF	150	MD99 4P
7.4	17640	197	1.00	MP	150	MD99 4P
				MPF	150	MD99 4P
4.8	33629	241.67	1.04	MPA	100	6P
5.4	30701	221.12	1.14	MPAF	100	6P
6.0	27353	196.62	1.28	MP	100	6P
6.4	25044	180.03	1.40	MPF	100	6P
6.2	21883	157.36	1.60			
6.9	19481	139.69	1.80			
5.8	27230	394.51	1.29	MPA	100	4P
6.8	22337	241.67	1.57	MPAF	100	4P
6.6	20437	221.12	1.71	MP	100	4P
7.4	18573	196.62	1.93	MPF	100	4P
8.1	16839	180.03	2.13			
9.3	14539	157.36	2.41			
10	12930	139.69	2.71			
6.8	19855	141.80	0.85	MPA	150	6P
7.9	17575	125.14	0.95	MPAF	150	6P
8.9	15200	108.49	1.10	MP	150	6P
10	13565	96.53	1.25	MPF	150	6P
11	12065	85.80	1.40			
6.7	20330	217.62	0.85	MPA	150	4P
8.2	16625	178.20	1.05	MPAF	150	4P
9.0	15200	162.96	1.15	MP	150	4P
10	13205	141.80	1.30	MPF	150	4P
12	11695	125.14	1.45			
13	10570	106.49	1.75			
15	9507	96.53	1.90			
17	7999	85.88	2.1			
19	7315	78.46	2.3			
21	6305	68.28	2.7			
24	5615	60.25	3.1			
9.7	13870	99.73	0.79	MPA	120	6P
11	12352	88.88	0.94	MPAF	120	6P
13	10628	76.80	1.09	MP	120	6P
14	9862	70.62	1.18	MPF	120	6P
16	8038	64.41	1.24			
12	11777	126.36	0.80	MPA	120	4P
13	10724	115.24	1.04	MPAF	120	4P
15	9257	99.73	1.24	MP	120	4P
17	8206	88.88	1.39	MPF	120	4P
19	7885	76.80	1.59			
21	6578	70.62	1.74			
16	9017	82.47	0.85	MPA	100	4P
17	8246	88.49	0.90	MPAF	100	4P
17	7828	83.99	0.95	MP	100	4P
20	6945	74.52	1.05	MPF	100	4P
22	6259	67.62	1.15			
25	5410	58.12	1.35	MPA	100	4P
29	4731	50.73	1.55	MPAF	100	4P
34	4009	43.03	1.80	MP	100	4P
39	3506	37.61	2.1	MPF	100	4P
47	2889	30.99	2.6			
43	3154	33.79	2.2	MPA	100	4P
53	2565	27.57	2.6	MPAF	100	4P
58	2347	25.14	3.2	MP	100	4P
67	2028	21.76	3.7	MPF	100	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
15KW						
33	4142	44.49	1.00	MPA	09	4P
38	3620	38.86	1.15	MPAF	09	4P
45	3031	32.50	1.35	MP	09	4P
				MPF	09	4P
43	3164	33.91	1.30	MPA	09	4P
48	2831	30.39	1.45	MPAF	09	4P
53	2556	27.44	1.60	MP	09	4P
59	2329	24.92	1.75	MPF	09	4P
66	2052	22.11	2.0			
73	1872	20.07	2.2			
85	1600	17.25	2.5			
97	1406	15.06	2.9			
114	1188	12.77	3.4			
131	1045	11.16	3.7			
55	2478	26.50	1.15	MPA	09	4P
62	2204	23.66	1.30	MPAF	09	4P
68	1998	21.32	1.45	MP	09	4P
76	1796	19.31	1.60	MPF	09	4P
85	1596	17.12	1.80			
94	1444	15.48	2.0			
111	1236	13.12	2.3			
127	1004	11.46	2.7			
152	833	9.58	3.1			
176	770	8.29	1.95			
199	694	7.35	3.1			
229	618	6.65	3.4			
259	527	5.63	2.8			
297	461	4.92	3.2			
355	385	4.12	3.6			
18.5KW						
7.2	22384	202	0.80	MPA	159	MDXX 4P
7.5	21668	197	0.80	MPAF	159	MDXX 4P
				MP	159	MDXX 4P
				MPF	159	MDXX 4P
8.2	20192	188.03	1.72	MPA	150	4P
9.3	17869	157.30	1.97	MPAF	150	4P
11	15838	139.89	2.21	MP	150	4P
				MPF	150	4P
8.2	20425	178.28	0.85	MPA	150	4P
9.0	18795	162.96	0.90	MPAF	150	4P
10	16945	141.60	1.05	MP	150	4P
12	14545	125.14	1.20	MPF	150	4P
14	12445	108.49	1.40			
15	11620	96.53	1.55			
17	9795	85.60	1.75			
19	8957	78.46	1.90			
21	7919	68.28	2.2			
24	6937	60.25	2.5			
26	5905	52.24	2.9			
13	10213	115.24	0.84	MPA	129	4P
15	8994	99.73	0.99	MPAF	129	4P
17	8005	88.00	1.14	MP	129	4P
19	8703	78.00	1.29	MPF	129	4P
21	8091	70.62	1.39			
23	7352	64.41	1.54			
26	6339	55.74	1.79			
30	5831	49.99	1.96			
20	8541	74.52	0.85	MPA	109	4P
22	7743	67.62	0.95	MPAF	109	4P
25	6900	58.12	1.10	MP	109	4P
29	5814	50.73	1.25	MPF	109	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
18.5KW						
34	4931	43.03	1.50	MPA	100	4P
39	4310	37.61	1.70	MPAF	100	4P
47	3546	30.99	2.1	MP	100	4P
				MPF	100	4P
43	3867	33.79	1.90	MPA	100	4P
53	3154	27.57	2.4	MPAF	100	4P
58	2879	25.14	2.6	MP	100	4P
67	2489	21.76	3.0	MPF	100	4P
38	4456	38.86	0.90	MPA	99	4P
45	3724	32.50	1.10	MPAF	99	4P
				MP	99	4P
				MPF	99	4P
53	3145	27.44	1.30	MPA	99	4P
59	2880	24.92	1.45	MPAF	99	4P
66	2532	22.11	1.60	MP	99	4P
73	2299	20.07	1.80	MPF	99	4P
85	1976	17.25	2.1			
97	1729	15.06	2.4			
115	1483	12.77	2.8			
131	1283	11.16	3.1			
69	2442	21.32	1.55	MPA	89	4P
76	2254	19.31	1.70	MPAF	89	4P
86	1957	17.12	1.45	MP	89	4P
95	1777	15.48	1.60	MPF	89	4P
112	1501	13.12	1.90			
128	1311	11.46	2.2			
153	1102	9.58	2.5			
177	956	8.29	1.55			
199	846	7.35	1.75			
229	760	6.65	1.90			
269	646	5.63	2.3			
308	565	4.92	2.6			
366	470	4.12	2.9			
22KW						
8.2	26219	186.03	1.44	MPA	159	4P
9.3	23170	157.30	1.65	MPAF	159	4P
11	19534	139.89	1.86	MP	159	4P
12	16403	121.87	2.13	MPF	159	4P
14	14840	106.74	2.39			
15	13214	96.14	2.65			
16	12479	92.69	2.80			
10	19855	96.53	0.85	MPA	159	4P
11	17578	85.80	0.95	MPAF	159	4P
12	16156	78.46	1.05	MP	159	4P
14	14000	68.28	1.20	MPF	159	4P
10	19285	141.60	0.90	MPA	159	4P
12	17035	125.14	1.00	MPAF	159	4P
14	14620	108.49	1.15	MP	159	4P
15	13110	96.53	1.30	MPF	159	4P
17	11685	85.80	1.45			
19	10735	78.46	1.60			
21	9301	68.28	1.85			
24	8208	60.25	2.1			
28	7116	52.24	2.4			
32	6337	46.46	2.7			
37	5453	40.06	3.1			
45	4437	32.55	3.8			
15	13590	99.73	0.94	MPA	129	4P
17	11969	88.00	0.94	MPAF	129	4P
19	10340	76.00	1.09	MP	129	4P
21	9575	70.62	1.19	MPF	129	4P
23	8770	64.41	1.29			
26	7592	55.74	1.49			
30	6703	49.19	1.69			
35	5763	42.48	1.96			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
22KW						
25	7914	56.12	0.80	MPA	100	4P
29	6916	50.73	1.85	MPAF	100	4P
34	5862	43.03	1.25	MP	100	4P
				MPF	100	4P
39	5121	37.61	1.60	MPA	100	4P
47	4222	30.99	1.74	MPAF	100	4P
				MP	100	4P
				MPF	100	4P
43	4888	33.79	1.35	MPA	100	4P
53	3753	27.57	2.0	MPAF	100	4P
58	3430	25.14	2.2	MP	100	4P
67	2964	21.76	2.5	MPF	100	4P
76	2613	19.20	2.9			
53	3743	27.44	1.10	MPA	99	4P
59	3392	24.92	1.20	MPAF	99	4P
66	3012	22.11	1.35	MP	99	4P
73	2730	20.07	1.50	MPF	99	4P
85	2347	17.25	1.75			
97	2052	15.06	2.0			
115	1739	12.77	2.4			
131	1526	11.16	2.6			
69	2907	21.32	1.90	MPA	89	4P
76	2632	19.31	1.10	MPAF	89	4P
86	2337	17.12	1.20	MP	89	4P
95	2109	15.48	1.35	MPF	89	4P
112	1786	13.12	1.60			
128	1558	11.46	1.85			
153	1302	9.58	2.1			
177	1131	8.29	1.30			
199	998	7.35	1.45			
229	901	6.65	1.65			
269	770	5.63	1.90			
298	670	4.92	2.2			
366	561	4.12	2.5			
30KW						
11	25693	138.89	1.36	MPA	159	4P
12	22370	121.87	1.56	MPAF	159	4P
14	19404	106.74	1.75	MP	159	4P
15	18019	96.14	1.94	MPF	159	4P
16	17016	92.69	2.06			
17	16025	87.28	2.18			
19	13961	76.04	2.51			
22	12456	67.85	2.81			
14	20645	106.49	0.85	MPA	159	4P
15	17960	96.53	0.95	MPAF	159	4P
17	15905	85.80	1.10	MP	159	4P
19	14535	78.46	1.20	MPF	159	4P
22	12630	68.28	1.35			
24	11115	60.25	1.55			
28	9690	52.24	1.75			
32	8697	46.46	2.0			
37	7626	40.06	2.3			
19	14074	76.00	0.79	MPA	129	4P
21	13117	70.62	0.89	MPAF	129	4P
23	11969	64.41	0.94	MP	129	4P
27	10340	55.74	1.09	MPF	129	4P
30	9197	49.99	1.24			
35	7991	42.48	1.44			
39	6983	37.57	1.64			
47	5851	31.58	1.93			
56	4883	25.50	2.3			

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type		极数 Pole P
30KW						
55	5013	27.08	1.50	MPA	129	4P
60	4586	24.76	1.39	MPAF	129	4P
69	3993	21.55	2.9	MP	129	4P
77	3522	19.01	3.0	MPF	129	4P
34	7971	43.03	0.92	MPA	139	4P
39	6904	37.61	1.05	MPAF	139	4P
47	5740	30.99	1.28	MP	139	4P
				MPF	139	4P
53	5802	27.57	1.45	MPA	139	4P
58	4655	25.14	1.60	MPAF	139	4P
66	4026	21.76	1.85	MP	139	4P
77	3553	19.20	2.1	MPF	139	4P
89	3069	16.58	2.4			
100	2737	14.67	2.7			
119	2289	12.33	2.9			
148	1843	9.96	3.4			
69	4065	22.11	1.00	MPA	89	4P
73	3715	20.07	1.10	MPAF	89	4P
85	3192	17.25	1.30	MP	89	4P
96	2784	15.00	1.45	MPF	89	4P
115	2368	12.77	1.75			
132	2071	11.16	1.90			
162	1682	9.06	1.25			
199	1520	8.22	1.45			
209	1311	7.06	1.70			
238	1140	6.17	1.85			
261	960	5.23	2.1			
321	846	4.57	2.3			
37KW						
51	51452	139.89	1.11	MPA	159	4P
62	37410	121.87	1.28	MPAF	159	4P
74	24456	106.74	1.43	MP	159	4P
85	22073	96.14	1.59	MPF	159	4P
96	20845	92.69	1.69			
97	19636	87.28	1.78			
99	17102	76.04	2.05			
22	15259	67.85	2.29			
26	13096	57.83	2.60			
31	10771	47.02	3.25			
57	19670	85.89	0.85	MPA	159	4P
65	17655	78.46	0.95	MPAF	159	4P
22	15589	68.28	1.10	MP	159	4P
24	13775	60.25	1.25	MPF	159	4P
26	11975	52.34	1.45			
32	10640	46.48	1.65			
37	9143	40.06	1.85			
45	7429	32.55	2.3			
53	6259	27.60	2.7			
27	12733	55.74	0.89	MPA	129	4P
30	11204	49.19	0.99	MPAF	129	4P
35	9635	42.48	1.10	MP	129	4P
39	8539	37.57	1.34	MPF	129	4P
47	7291	31.58	1.59			
56	5666	25.50	1.66			
55	6187	27.08	1.20	MPA	129	4P
60	5658	24.76	1.48	MPAF	129	4P
69	4922	21.55	2.3	MP	129	4P
77	4305	19.01	2.4	MPF	129	4P
89	3761	16.48	2.8			
100	3352	14.67	3.1			
115	2882	12.64	3.3			
143	2346	10.27	3.9			
166	2024	8.86	3.3			
196	1716	7.55	3.2			

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
37KW					
53	6299	27.57	1.29	MPA 100	4P
58	5736	25.14	1.32	MPAF 100	4P
68	4969	21.76	1.55	MP 100	4P
77	4383	19.20	1.70	MPF 100	4P
89	3791	16.58	1.95		
100	3354	14.67	2.2		
119	2812	12.33	2.4		
148	2271	9.95	2.7		
152	2214	9.69	2.1		
176	1919	8.37	2.4		
199	1691	7.40	2.6		
236	1425	6.22	3.1		
45KW					
14	29744	108.74	1.15	MPA 150	4P
15	26945	99.14	1.30	MPAF 150	4P
16	25352	92.69	1.38	MP 150	4P
17	23934	87.29	1.47	MPF 150	4P
19	20900	76.04	1.68		
22	18556	67.85	1.89		
26	15918	57.83	2.21		
31	13106	47.92	2.67		
22	18000	68.28	0.90	MPA 150	4P
24	16729	60.25	1.00	MPAF 150	4P
28	14635	52.24	1.39	MP 150	4P
32	12820	46.48	1.39	MPF 150	4P
37	11115	40.06	1.55		
45	9035	32.55	1.99		
53	7557	27.60	2.2		
30	13694	49.93	0.84	MPA 125	4P
35	11776	42.48	0.94	MPAF 125	4P
39	10830	37.57	1.09	MP 125	4P
47	8771	31.58	1.29	MPF 125	4P
56	7295	25.50	1.54		
55	7519	27.05	1.09	MPA 125	4P
60	6923	24.79	1.19	MPAF 125	4P
68	5965	21.55	1.59	MP 125	4P
77	5263	19.01	1.99	MPF 125	4P
89	4574	16.48	2.3		
100	4071	14.67	2.6		
116	3514	12.64	2.7		
143	2853	10.27	3.2		
166	2461	8.90	2.7		
195	2185	7.88	2.6		
210	1991	6.60	3.5		
266	1530	5.52	3.7		
53	7037	27.57	0.95	MPA 100	4P
58	6383	25.14	1.05	MPAF 100	4P
68	5042	21.76	1.25	MP 100	4P
77	5330	19.20	1.40	MPF 100	4P
89	4608	16.58	1.65		
100	4076	14.67	1.80		
119	3420	12.33	1.95		
148	2765	9.90	2.2		
152	2699	9.69	1.75		
176	2326	8.37	1.95		
199	2052	7.40	2.1		
236	1729	6.22	2.5		
55KW					
14	38953	108.78	0.96	MPA 160	4P
15	32911	98.14	1.07	MPAF 160	4P
16	30849	92.69	1.13	MP 160	4P
17	29186	87.29	1.39	MPF 160	4P
19	25422	76.04	1.38		
22	22582	67.85	1.54		
26	19333	57.83	1.81		
31	16019	47.92	2.18		
36	13671	40.89	2.56		

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
55KW					
40	12535	36.70	2.60	MPA 100	4P
45	11259	32.92	3.12	MPAF 100	4P
52	9736	28.59	3.59	MP 100	4P
				MPF 100	4P
24	20425	60.25	0.85	MPA 150	4P
28	17078	52.24	0.95	MPAF 150	4P
32	15575	46.48	1.10	MP 150	4P
37	13585	40.06	1.25	MPF 150	4P
45	11029	32.55	1.55		
53	9339	27.60	1.85		
52	9680	28.60	1.65	MPA 150	4P
58	8667	25.43	1.65	MPAF 150	4P
67	7400	22.16	2.3	MP 150	4P
75	6668	19.77	2.4	MPF 150	4P
88	5700	16.85	3.0		
40	12733	37.67	0.88	MPA 125	4P
47	10725	31.58	1.09	MPAF 125	4P
56	8860	25.50	1.30	MP 125	4P
				MPF 125	4P
66	7287	21.55	1.59	MPA 125	4P
77	6431	19.01	1.64	MPAF 125	4P
89	5570	16.48	1.99	MP 125	4P
100	4962	14.67	2.1	MPF 125	4P
117	4280	12.64	2.2		
144	3476	10.27	2.6		
166	3062	8.96	2.2		
187	2670	7.88	2.1		
217	2299	6.60	2.9		
267	1872	5.52	3.1		
315	1597	4.69	3.6		
75KW					
16	42254	92.69	0.83	MPA 100	4P
17	39791	87.29	0.88	MPAF 100	4P
19	34668	76.04	1.01	MP 100	4P
22	30800	67.85	1.03	MPF 100	4P
26	26363	57.83	1.33		
31	21844	47.92	1.60		
36	18643	40.89	1.88		
40	17052	36.70	2.05	MPA 100	4P
45	15295	32.92	2.29	MPAF 100	4P
52	13280	28.59	2.64	MP 100	4P
57	12049	25.93	2.90	MPF 100	4P
66	10378	22.34	3.37		
32	21375	46.48	0.80	MPA 150	4P
37	18493	40.06	0.95	MPAF 150	4P
45	15019	32.55	1.15	MP 150	4P
54	12730	27.60	1.35	MPF 150	4P
52	13110	28.60	1.25	MPA 150	4P
58	11685	25.43	1.20	MPAF 150	4P
67	10165	22.16	1.70	MP 150	4P
75	9052	19.77	1.80	MPF 150	4P
88	7743	16.85	2.2		
106	6422	13.96	2.5		
124	5482	11.92	2.6		
56	12029	25.50	0.66	MPA 120	4P
				MPAF 120	4P
				MP 120	4P
				MPF 120	4P

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
75KW					
68	9963	21.55	1.14	MPA 120	4P
77	8736	19.01	1.19	MPAF 120	4P
89	7579	16.48	1.39	MP 120	4P
101	6743	14.67	1.54	MPF 120	4P
117	5812	12.64	1.64		
144	4720	10.27	1.93		
167	4070	8.86	1.85		
188	3620	7.88	1.95		
210	3126	6.60	2.1		
268	2537	5.52	2.5		
310	2157	4.69	2.7		
90KW					
22	37186	67.85	0.94	MPA 160	4P
26	31636	57.83	1.11	MPAF 160	4P
31	26213	47.92	1.34	MP 160	4P
36	22371	40.89	1.56	MPF 160	4P
40	20463	36.70	1.71	MPA 160	4P
45	18354	32.92	1.91	MPAF 160	4P
52	15936	28.59	2.20	MP 160	4P
57	14459	25.93	2.42	MPF 160	4P
66	12455	22.34	2.81		
79	10467	18.77	3.34		
91	9063	16.26	3.53		
109	7552	13.55	3.97		
128	6439	11.55	4.35		
45	17955	32.55	0.95	MPA 150	4P
54	15200	27.60	1.10	MPAF 150	4P
				MP 150	4P
				MPF 150	4P
52	15779	28.60	1.09	MPA 150	4P
58	14069	25.43	1.06	MPAF 150	4P
67	12055	22.16	1.49	MP 150	4P
75	10925	19.77	1.59	MPF 150	4P
88	9301	16.85	1.85		
106	7705	13.96	2.1		
124	6574	11.92	2.3		
56	14073	25.50	0.80	MPA 120	4P
				MPAF 120	4P
				MP 120	4P
				MPF 120	4P
68	11874	21.55	0.94	MPA 120	4P
77	10529	19.01	0.99	MPAF 120	4P
89	9091	16.48	1.14	MP 120	4P
101	8094	14.67	1.29	MPF 120	4P
117	6971	12.64	1.34		
144	5668	10.27	1.59		
167	4893	8.86	1.35		
188	4351	7.88	1.38		
218	3753	6.80	1.75		
268	3050	5.52	1.85		
310	2584	4.69	2.2		
110KW					
26	38536	57.83	0.91	MPA 160	4P
31	31690	47.92	1.10	MPAF 160	4P
36	27251	40.89	1.28	MP 160	4P
				MPF 160	4P

輸出轉速 Output speed r/min	輸出扭矩 Output torque N·m	傳動比 Ratio i	使用係數 Service factor f_s	機型號 Type	極數 Pole P
110KW					
52	19411	28.59	1.80	MPA 169	4P
57	17612	25.93	1.99	MPAF 169	4P
66	15171	22.34	2.31	MP 169	4P
76	12750	18.77	2.75	MPF 169	4P
91	10339	15.26	2.90		
110	9190	13.55	3.26		
129	7844	11.55	3.57		
54	18625	27.60	0.80	MPA 159	4P
				MPAF 159	4P
				MP 159	4P
				MPF 159	4P
67	14995	22.16	1.15	MPA 159	4P
75	13309	19.77	1.20	MPAF 159	4P
88	11305	16.85	1.50	MP 159	4P
106	9396	13.96	1.89	MPF 159	4P
125	8009	11.92	1.99		
132KW					
31	38399	47.92	0.91	MPA 169	4P
36	32701	40.89	1.07	MPAF 169	4P
				MP 169	4P
				MPF 169	4P
52	23294	28.59	1.50	MPA 169	4P
57	21135	25.93	1.66	MPAF 169	4P
66	18205	22.34	1.92	MP 169	4P
76	15308	18.77	2.29	MPF 169	4P
91	12407	15.26	2.42		
110	11028	13.55	2.72		
129	9412	11.55	2.97		
67	17993	22.16	0.95	MPA 159	4P
75	15970	19.77	1.00	MPAF 159	4P
88	13565	16.85	1.25	MP 159	4P
106	11305	13.96	1.45	MPF 159	4P
125	9595	11.92	1.65		
160KW					
66	22067	22.34	1.59	MPA 169	4P
76	18548	18.77	1.89	MPAF 169	4P
91	15057	15.26	1.99	MP 169	4P
110	13381	13.55	2.24	MPF 169	4P
129	11439	11.55	2.45		
66	18435	16.85	1.15	MPA 159	4P
106	13690	13.96	1.20	MPAF 159	4P
125	11625	11.92	1.30	MP 159	4P
				MPF 159	4P
200KW					
79	23102	18.77	1.51	MPA 169	4P
91	20072	15.26	1.59	MPAF 169	4P
110	16726	13.55	1.79	MP 169	4P
129	14201	11.55	1.96	MPF 169	4P
66	20615	16.85	0.85	MPA 159	4P
106	17190	13.96	0.95	MPAF 159	4P
125	14535	11.92	1.05	MP 159	4P
				MPF 159	4P

4.9 MP系列恒扭矩选型参数表

Constant torque model selection parameter form of MP series

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
130N·m				
0.15	8972	MFA 29MD19	0.12	4P
0.16	7736	MFAF 29MD19	0.12	4P
0.19	7211	MF 29MD19	0.12	4P
0.22	6303	MFF 29MD19	0.12	4P
0.25	5405			
0.28	4855			
0.33	4043			
0.37	3795			
0.43	3347			
0.48	2838			
0.55	2515			
0.62	2217			
0.73	1886	MFA 29MD19	0.12	4P
0.84	1645	MFAF 29MD19	0.12	4P
0.90	1525	MF 29MD19	0.12	4P
1.0	1322	MFF 29MD19	0.12	4P
1.2	1146			
1.4	1013			
1.6	890			
1.8	778			
2.0	682			
2.3	602			
2.6	526			
3.0	458	MFA 29MD19	0.12	4P
3.5	397	MFAF 29MD19	0.12	4P
4.0	342	MF 29MD19	0.12	4P
4.6	302	MFF 29MD19	0.12	4P
5.2	266			
5.9	236			
6.5	211			
7.1	186	MFA 29MD19	0.18	4P
9.3	142	MFAF 29MD19	0.18	4P
11	124	MF 29MD19	0.18	4P
		MFF 29MD19	0.18	4P
12	109	MFA 29MD19	0.25	4P
14	96	MFAF 29MD19	0.25	4P
		MF 29MD19	0.25	4P
		MFF 29MD19	0.25	4P
200N·m				
0.17	8193	MFA 39MD19	0.12	4P
0.20	7064	MFAF 39MD19	0.12	4P
0.21	6585	MF 39MD19	0.12	4P
0.24	5756	MFF 39MD19	0.12	4P
0.28	4963			
0.31	4434			
0.36	3975			
0.41	3392			
0.47	2965			
0.53	2587			
0.60	2284			
0.69	1997			
0.72	1939	MFA 39MD19	0.12	4P
0.82	1679	MFAF 39MD19	0.12	4P
0.89	1550	MF 39MD19	0.12	4P
1.0	1356	MFF 39MD19	0.12	4P
1.2	1160			
1.3	1044			
1.5	914			
1.7	798			
2.0	698			
2.2	616			
2.5	544			
3.0	466			
3.4	411			
3.8	364			
4.2	326	MFA 39MD19	0.12	4P
		MFAF 39MD19	0.12	4P
		MF 39MD19	0.12	4P
		MFF 39MD19	0.12	4P
4.6	295	MFA 39MD19	0.18	4P
5.3	250	MFAF 39MD19	0.18	4P
6.6	219	MF 39MD19	0.18	4P
7.1	186	MFF 39MD19	0.18	4P
7.9	167	MFA 39MD19	0.25	4P
8.9	145	MFAF 39MD19	0.25	4P
10	129	MF 39MD19	0.25	4P
		MFF 39MD19	0.25	4P
400N·m				
0.11	12259	MFA 49MD19	0.12	4P
0.13	10619	MFAF 49MD19	0.12	4P
0.14	9981	MF 49MD19	0.12	4P
0.16	8534	MFF 49MD19	0.12	4P
0.19	7466			
0.21	6536			
0.24	5746			
0.27	5022			
0.31	4401			
0.38	3993			
0.40	3443			
0.46	2976			
0.52	2629			
0.55	2519	MFA 49MD19	0.12	4P
0.59	2366	MFAF 49MD19	0.12	4P
0.64	2172	MF 49MD19	0.12	4P
0.68	2025	MFF 49MD19	0.12	4P
0.76	1749			
0.89	1556			
1.0	1393			
1.2	1192			
1.3	1049			
1.5	931			
1.7	822			
2.0	696			
2.1	619	MFA 49MD19	0.18	4P
		MFAF 49MD19	0.18	4P
		MF 49MD19	0.18	4P
		MFF 49MD19	0.18	4P
2.5	524	MFA 49MD19	0.18	4P
2.7	469	MFAF 49MD19	0.18	4P
3.1	427	MF 49MD19	0.18	4P
3.5	376	MFF 49MD19	0.18	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
400N·m				
3.9	334	MFA 49MD19	0.25	4P
4.6	295	MFAF 49MD19	0.25	4P
5.2	250	MF 49MD19	0.25	4P
		MFF 49MD19	0.25	4P
6.4	217	MFA 49MD19	0.37	4P
7.3	190	MFAF 49MD19	0.37	4P
7.6	178	MF 49MD19	0.37	4P
		MFF 49MD19	0.37	4P
9.2	148	MFA 49MD19	0.55	4P
10	131	MFAF 49MD19	0.55	4P
		MF 49MD19	0.55	4P
		MFF 49MD19	0.55	4P
600N·m				
0.09	14832	MFA 59MD39	0.12	4P
0.10	13604	MFAF 59MD39	0.12	4P
0.11	12862	MF 59MD39	0.12	4P
0.12	11252	MFF 59MD39	0.12	4P
0.14	9980			
0.16	8757			
0.17	7906			
0.20	6913			
0.23	6030			
0.26	5289			
0.30	4654			
0.34	4060			
0.39	3564			
0.44	3168			
0.48	2854	MFA 59MD39	0.12	4P
0.54	2526	MFAF 59MD39	0.12	4P
0.61	2266	MF 59MD39	0.12	4P
0.69	2012	MFF 59MD39	0.12	4P
0.77	1791			
0.85	1617			
0.97	1422			
1.1	1243			
1.3	1066			
1.4	949			
1.5	856	MFA 59MD39	0.18	4P
1.8	749	MFAF 59MD39	0.18	4P
2.0	658	MF 59MD39	0.18	4P
		MFF 59MD39	0.18	4P
2.4	549	MFA 59MD39	0.25	4P
2.7	483	MFAF 59MD39	0.25	4P
		MF 59MD39	0.25	4P
		MFF 59MD39	0.25	4P
3.1	426	MFA 59MD39	0.25	4P
3.4	382	MFAF 59MD39	0.25	4P
		MF 59MD39	0.25	4P
		MFF 59MD39	0.25	4P
4.2	330	MFA 59MD39	0.37	4P
4.6	298	MFAF 59MD39	0.37	4P
5.3	262	MF 59MD39	0.37	4P
		MFF 59MD39	0.37	4P
6.0	226	MFA 59MD39	0.55	4P
6.8	200	MFAF 59MD39	0.55	4P
		MF 59MD39	0.55	4P
		MFF 59MD39	0.55	4P
600N·m				
8.1	170	MFA 59MD39	0.75	4P
9.1	152	MFAF 59MD39	0.75	4P
10	134	MF 59MD39	0.75	4P
		MFF 59MD39	0.75	4P
820N·m				
0.07	19199	MFA 69MD39	0.12	4P
0.08	17610	MFAF 69MD39	0.12	4P
0.09	14902	MF 69MD39	0.12	4P
0.11	12926	MFF 69MD39	0.12	4P
0.12	11488			
0.14	10220			
0.15	8953			
0.17	7940			
0.19	7096			
0.23	6080			
0.26	5341			
0.29	4690			
0.34	4091			
0.39	3574			
0.44	3133			
0.50	2750			
0.57	2439			
0.61	3377	MFA 69MD39	0.12	4P
0.67	2962	MFAF 69MD39	0.12	4P
0.76	2714	MF 69MD39	0.12	4P
0.78	2372	MFF 69MD39	0.12	4P
0.88	2105			
0.85	1831			
0.96	1437			
1.1	1250			
1.2	1115	MFA 69MD39	0.18	4P
1.3	975	MFAF 69MD39	0.18	4P
1.5	864	MF 69MD39	0.18	4P
		MFF 69MD39	0.18	4P
1.6	715	MFA 69MD39	0.25	4P
2.0	634	MFAF 69MD39	0.25	4P
2.4	539	MF 69MD39	0.25	4P
		MFF 69MD39	0.25	4P
0.73	1884	MFA 69MD39	0.12	4P
		MFAF 69MD39	0.12	4P
		MF 69MD39	0.12	4P
		MFF 69MD39	0.12	4P
2.8	509	MFA 69MD39	0.37	4P
3.0	449	MFAF 69MD39	0.37	4P
3.5	388	MF 69MD39	0.37	4P
		MFF 69MD39	0.37	4P
4.1	330	MFA 69MD39	0.55	4P
4.6	294	MFAF 69MD39	0.55	4P
5.2	261	MF 69MD39	0.55	4P
5.7	236	MFF 69MD39	0.55	4P
7.0	196	MFA 69MD39	0.75	4P
		MFAF 69MD39	0.75	4P
		MF 69MD39	0.75	4P
		MFF 69MD39	0.75	4P

输出转速 Output speed r/min	传动比 Ratio i	型式 Type	电动机功率 Power KW	极数 Pole P
1500N·m				
0.07	19880	MFA 79-MD39	0.12	4P
0.08	17503	MFAF 79-MD39	0.12	4P
0.09	15967	MF 79-MD39	0.12	4P
0.09	14876	MFF 79-MD39	0.12	4P
0.10	13594			
0.11	12049			
0.13	10825			
0.14	9683			
0.16	8468			
0.18	7529			
0.21	6580			
0.24	5808			
0.27	5026			
0.31	4435			
0.36	3932			
0.46	2946			
0.53	2613			
0.60	2294			
0.65	2029	MFA 79-MD39	0.18	4P
		MFAF 79-MD39	0.18	4P
		MF 79-MD39	0.18	4P
		MFF 79-MD39	0.18	4P
0.77	1711	MFA 79-MD39	0.18	4P
0.86	1544	MFAF 79-MD39	0.18	4P
0.98	1354	MF 79-MD39	0.18	4P
		MFF 79-MD39	0.18	4P
1.1	1168	MFA 79-MD39	0.25	4P
1.2	1053	MFAF 79-MD39	0.25	4P
		MF 79-MD39	0.25	4P
		MFF 79-MD39	0.25	4P
1.5	916	MFA 79-MD39	0.37	4P
1.7	810	MFAF 79-MD39	0.37	4P
1.9	710	MF 79-MD39	0.37	4P
		MFF 79-MD39	0.37	4P
2.2	615	MFA 79-MD39	0.55	4P
2.5	538	MFAF 79-MD39	0.55	4P
2.9	480	MF 79-MD39	0.55	4P
		MFF 79-MD39	0.55	4P
3.4	413	MFA 79-MD39	0.75	4P
3.8	367	MFAF 79-MD39	0.75	4P
4.3	323	MF 79-MD39	0.75	4P
		MFF 79-MD39	0.75	4P
3000N·m				
0.06	23042	MFA 89-MD59	0.12	4P
0.07	20462	MFAF 89-MD59	0.12	4P
0.08	18238	MF 89-MD59	0.12	4P
0.09	16677	MFF 89-MD59	0.12	4P
0.10	14999			
0.11	12265			
0.13	10433			
0.15	9361			
0.17	8142			
0.19	7100			
0.22	6273			
0.25	5440			
0.28	4654			
0.31	4249	MFA 89-MD59	0.18	4P
0.35	3721	MFAF 89-MD59	0.18	4P
		MF 89-MD59	0.18	4P
		MFF 89-MD59	0.18	4P
0.41	3244	MFA 89-MD59	0.18	4P
0.49	2661	MFAF 89-MD59	0.18	4P
		MF 89-MD59	0.18	4P
		MFF 89-MD59	0.18	4P
0.50	2516	MFA 89-MD59	0.25	4P
0.60	2134	MFAF 89-MD59	0.25	4P
0.67	1930	MF 89-MD59	0.25	4P
		MFF 89-MD59	0.25	4P
0.82	1669	MFA 89-MD59	0.37	4P
0.92	1493	MFAF 89-MD59	0.37	4P
		MF 89-MD59	0.37	4P
		MFF 89-MD59	0.37	4P
1.1	1300	MFA 89-MD59	0.55	4P
1.2	1145	MFAF 89-MD59	0.55	4P
1.4	1010	MF 89-MD59	0.55	4P
1.5	887	MFF 89-MD59	0.55	4P
1.8	766	MFA 89-MD59	0.75	4P
2.0	674	MFAF 89-MD59	0.75	4P
		MF 89-MD59	0.75	4P
		MFF 89-MD59	0.75	4P
2.3	609	MFA 89-MD59	1.1	4P
2.7	515	MFAF 89-MD59	1.1	4P
3.1	452	MF 89-MD59	1.1	4P
		MFF 89-MD59	1.1	4P
4.1	345	MFA 89-MD59	1.5	4P
		MFAF 89-MD59	1.5	4P
		MF 89-MD59	1.5	4P
		MFF 89-MD59	1.5	4P
4300N·m				
0.07	20813	MFA 89-MD59	0.12	4P
0.08	18119	MFAF 89-MD59	0.12	4P
0.09	15472	MF 89-MD59	0.12	4P
0.10	14022	MFF 89-MD59	0.12	4P
0.11	12324			
0.13	10838			
0.14	9516			
0.17	8318			
0.19	7328			
0.20	6469	MFA 89-MD59	0.18	4P
0.24	5615	MFAF 89-MD59	0.18	4P
0.27	4961	MF 89-MD59	0.18	4P
0.30	4333	MFF 89-MD59	0.18	4P
0.33	3881	MFA 89-MD59	0.25	4P
0.39	3352	MFAF 89-MD59	0.25	4P
0.45	2907	MF 89-MD59	0.25	4P
		MFF 89-MD59	0.25	4P
0.55	2523	MFA 89-MD59	0.37	4P
0.62	2219	MFAF 89-MD59	0.37	4P
0.70	1939	MF 89-MD59	0.37	4P
		MFF 89-MD59	0.37	4P
0.79	1722	MFA 89-MD59	0.55	4P
0.89	1527	MFAF 89-MD59	0.55	4P
1.0	1327	MF 89-MD59	0.55	4P
		MFF 89-MD59	0.55	4P
1.2	1171	MFA 89-MD59	0.75	4P
1.4	1022	MFAF 89-MD59	0.75	4P
		MF 89-MD59	0.75	4P
		MFF 89-MD59	0.75	4P

输出转速 Output speed r/min	传动比 Ratio i	型式 Type	电动机功率 Power KW	极数 Pole P
4300N·m				
1.6	898	MFA 89-MD59	1.1	4P
1.8	794	MFAF 89-MD59	1.1	4P
2.0	692	MF 89-MD59	1.1	4P
		MFF 89-MD59	1.1	4P
2.3	665	MFA 89-MD59	1.5	4P
2.7	529	MFAF 89-MD59	1.5	4P
3.0	467	MF 89-MD59	1.5	4P
		MFF 89-MD59	1.5	4P
3.5	406	MFA 89-MD59	2.2	4P
3.9	363	MFAF 89-MD59	2.2	4P
		MF 89-MD59	2.2	4P
		MFF 89-MD59	2.2	4P
4.9	285	MFA 89-MD59	3	4P
5.7	245	MFAF 89-MD59	3	4P
		MF 89-MD59	3	4P
		MFF 89-MD59	3	4P
7680N·m				
0.05	25375	MFA 109-MD79	0.12	4P
0.06	21652	MFAF 109-MD79	0.12	4P
0.07	18933	MF 109-MD79	0.12	4P
0.08	16888	MFF 109-MD79	0.12	4P
0.09	14767			
0.12	11348	MFA 109-MD79	0.18	4P
0.13	10039	MFAF 109-MD79	0.18	4P
0.15	9048	MF 109-MD79	0.18	4P
0.17	7974	MFF 109-MD79	0.18	4P
0.19	6767	MFA 109-MD79	0.25	4P
0.22	5954	MFAF 109-MD79	0.25	4P
0.25	5229	MF 109-MD79	0.25	4P
		MFF 109-MD79	0.25	4P
0.30	4567	MFA 109-MD79	0.37	4P
0.33	3921	MFAF 109-MD79	0.37	4P
		MF 109-MD79	0.37	4P
		MFF 109-MD79	0.37	4P
0.45	3037	MFA 109-MD79	0.55	4P
0.49	2756	MFAF 109-MD79	0.55	4P
0.57	2360	MF 109-MD79	0.55	4P
		MFF 109-MD79	0.55	4P
0.67	2066	MFA 109-MD79	0.75	4P
0.76	1826	MFAF 109-MD79	0.75	4P
		MF 109-MD79	0.75	4P
		MFF 109-MD79	0.75	4P
0.89	1581	MFA 109-MD79	1.1	4P
1.0	1401	MFAF 109-MD79	1.1	4P
1.1	1243	MF 109-MD79	1.1	4P
		MFF 109-MD79	1.1	4P
1.3	1078	MFA 109-MD79	1.5	4P
1.5	950	MFAF 109-MD79	1.5	4P
		MF 109-MD79	1.5	4P
		MFF 109-MD79	1.5	4P
1.7	834	MFA 109-MD79	2.2	4P
1.9	736	MFAF 109-MD79	2.2	4P
2.2	640	MF 109-MD79	2.2	4P
		MFF 109-MD79	2.2	4P
2.5	560	MFA 109-MD79	3	4P
2.9	493	MFAF 109-MD79	3	4P
3.2	436	MF 109-MD79	3	4P
		MFF 109-MD79	3	4P
7680N·m				
3.8	370	MFA 109-MD79	4	4P
4.3	333	MFAF 109-MD79	4	4P
		MF 109-MD79	4	4P
		MFF 109-MD79	4	4P
12000N·m				
0.06	24671	MFA 129-MD79	0.12	4P
0.06	22409	MFAF 129-MD79	0.12	4P
0.07	19166	MF 129-MD79	0.12	4P
		MFF 129-MD79	0.12	4P
0.08	16702	MFA 129-MD79	0.18	4P
0.09	14838	MFAF 129-MD79	0.18	4P
0.10	13014	MF 129-MD79	0.18	4P
0.11	11748	MFF 129-MD79	0.18	4P
0.13	10271	MFA 129-MD79	0.25	4P
0.15	8949	MFAF 129-MD79	0.25	4P
		MF 129-MD79	0.25	4P
		MFF 129-MD79	0.25	4P
0.16	7703	MFA 129-MD79	0.37	4P
0.21	6766	MFAF 129-MD79	0.37	4P
0.23	5973	MF 129-MD79	0.37	4P
		MFF 129-MD79	0.37	4P
0.26	5193	MFA 129-MD79	0.55	4P
0.30	4569	MFAF 129-MD79	0.55	4P
0.35	3967	MF 129-MD79	0.55	4P
		MFF 129-MD79	0.55	4P
0.40	3482	MFA 129-MD79	0.75	4P
0.46	3055	MFAF 129-MD79	0.75	4P
		MF 129-MD79	0.75	4P
		MFF 129-MD79	0.75	4P
0.52	2693	MFA 129-MD79	0.75	4P
		MFAF 129-MD79	0.75	4P
		MF 129-MD79	0.75	4P
		MFF 129-MD79	0.75	4P
0.59	2370	MFA 129-MD79	1.1	4P
0.66	2054	MFAF 129-MD79	1.1	4P
0.76	1788	MF 129-MD79	1.1	4P
		MFF 129-MD79	1.1	4P
0.87	1619	MFA 129-MD79	1.5	4P
0.99	1401	MFAF 129-MD79	1.5	4P
		MF 129-MD79	1.5	4P
		MFF 129-MD79	1.5	4P
1.2	1230	MFA 129-MD79	2.2	4P
1.3	1065	MFAF 129-MD79	2.2	4P
1.5	937	MF 129-MD79	2.2	4P
		MFF 129-MD79	2.2	4P
1.7	827	MFA 129-MD79	3	4P
1.9	733	MFAF 129-MD79	3	4P
2.2	653	MF 129-MD79	3	4P
		MFF 129-MD79	3	4P
2.6	553	MFA 129-MD79	4	4P
2.9	499	MFAF 129-MD79	4	4P
		MF 129-MD79	4	4P
		MFF 129-MD79	4	4P
3.3	431	MFA 129-MD79	5.5	4P
3.8	375	MFAF 129-MD79	5.5	4P
		MF 129-MD79	5.5	4P
		MFF 129-MD79	5.5	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P
12000N·m					
3.0	467	MPA	129-MD99	5.5	4P
3.4	421	MPAF	129-MD99	5.5	4P
3.8	377	MP	129-MD99	5.5	4P
		MPF	129-MD99	5.5	4P
4.0	314	MPA	129-MD99	7.5	4P
4.9	295	MPAF	129-MD99	7.5	4P
		MP	129-MD99	7.5	4P
		MPF	129-MD99	7.5	4P
7.3	199	MPA	129-MD99	11	4P
		MPAF	129-MD99	11	4P
		MP	129-MD99	11	4P
		MPF	129-MD99	11	4P
18000N·m					
0.04	31434	MPA	159-MD99	0.55	4P
0.05	26173	MPAF	159-MD99	0.55	4P
0.06	23404	MP	159-MD99	0.55	4P
0.07	20212	MPF	159-MD99	0.55	4P
0.08	17984				
0.09	16358				
0.10	13751				
0.11	12235				
0.14	10833	MPA	159-MD99	1.1	4P
0.16	10021	MPAF	159-MD99	1.1	4P
0.17	8026	MP	159-MD99	1.1	4P
		MPF	159-MD99	1.1	4P
0.19	7075	MPA	159-MD99	0.55	4P
0.22	6265	MPAF	159-MD99	0.55	4P
		MP	159-MD99	0.55	4P
		MPF	159-MD99	0.55	4P
0.26	5404	MPA	159-MD99	0.75	4P
		MPAF	159-MD99	0.75	4P
		MP	159-MD99	0.75	4P
		MPF	159-MD99	0.75	4P
0.29	4831	MPA	159-MD99	1.1	4P
0.34	4130	MPAF	159-MD99	1.1	4P
		MP	159-MD99	1.1	4P
		MPF	159-MD99	1.1	4P
0.39	3607	MPA	159-MD99	2.2	4P
0.44	3210	MPAF	159-MD99	2.2	4P
		MP	159-MD99	2.2	4P
		MPF	159-MD99	2.2	4P
0.50	2780	MPA	159-MD99	1.1	4P
		MPAF	159-MD99	1.1	4P
		MP	159-MD99	1.1	4P
		MPF	159-MD99	1.1	4P
0.58	1441	MPA	159-MD99	2.2	4P
		MPAF	159-MD99	2.2	4P
		MP	159-MD99	2.2	4P
		MPF	159-MD99	2.2	4P
0.59	2427	MPA	159-MD99	1.5	4P
0.65	2185	MPAF	159-MD99	1.5	4P
		MP	159-MD99	1.5	4P
		MPF	159-MD99	1.5	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P
18000N·m					
0.73	1044	MPA	159-MD99	2.2	4P
0.84	1034	MPAF	159-MD99	2.2	4P
		MP	159-MD99	2.2	4P
		MPF	159-MD99	2.2	4P
1.1	1308	MPA	159-MD99	3	4P
1.2	1169	MPAF	159-MD99	3	4P
		MP	159-MD99	3	4P
		MPF	159-MD99	3	4P
1.5	953	MPA	159-MD99	4	4P
1.7	845	MPAF	159-MD99	4	4P
1.9	704	MP	159-MD99	4	4P
		MPF	159-MD99	4	4P
2.1	680	MPA	159-MD99	5.5	4P
2.5	576	MPAF	159-MD99	5.5	4P
		MP	159-MD99	5.5	4P
		MPF	159-MD99	5.5	4P
2.8	503	MPA	159-MD99	7.5	4P
3.2	448	MPAF	159-MD99	7.5	4P
		MP	159-MD99	7.5	4P
		MPF	159-MD99	7.5	4P
4.8	302	MPA	159-MD99	11	4P
5.3	273	MPAF	159-MD99	11	4P
		MP	159-MD99	11	4P
		MPF	159-MD99	11	4P
6.3	232	MPA	159-MD99	15	4P
7.2	202	MPAF	159-MD99	15	4P
		MP	159-MD99	15	4P
		MPF	159-MD99	15	4P
7.5	197	MPA	159-MD99	18.5	4P
		MPAF	159-MD99	18.5	4P
		MP	159-MD99	18.5	4P
		MPF	159-MD99	18.5	4P

4.10 MP系列输入轴型选型参数表

Model selection parameter form of input shaft type of MP series

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type		
MP29 AD... , n = 1400 1/min				**130 N·m**		
140.74	10	130	0.10	MPA	29	AD1
120.09	11	130	0.09	MPAF	29	AD1
103.96	13	130	0.20	MP	29	AD1
94.76	15	130	0.23	MPF	29	AD1
88.32	16	130	0.25			
77.21	18	130	0.28			
72.37	19	130	0.30			
63.86	22	130	0.34			
56.62	25	130	0.38			
50.10	28	130	0.42			
46.78	30	130	0.45			
40.89	34	130	0.51			
38.33	37	130	0.55			
33.83	41	130	0.62			
29.56	47	130	0.70	MPA	29	AD2
27.19	52	130	0.76	MPAF	29	AD2
23.25	60	130	0.89	MP	29	AD2
20.15	69	130	1.0	MPF	29	AD2
18.84	74	130	1.1			
16.28	86	130	1.2			
13.84	101	130	1.5			
12.35	113	130	1.6			
10.55	133	130	1.9			
9.66	142	130	2.0			
8.49	169	130	2.1			
8.13	172	123	2.3			
6.91	203	114	2.5			
6.47	227	109	2.7			
5.27	268	100	2.9			
4.93	284	98	3.0			
4.16	337	87	3.2			
MP39 AD... , n = 1400 1/min				**200 N·m**		
126.51	11	200	0.28	MPA	39	AD1
117.88	12	200	0.28	MPAF	39	AD1
100.36	14	200	0.33	MP	39	AD1
86.53	16	200	0.38	MPF	39	AD1
80.65	17	200	0.40			
70.50	20	200	0.46			
66.09	21	200	0.49			
58.32	24	200	0.55			
54.54	26	200	0.58			
50.70	27	200	0.62			
47.02	30	200	0.69	MPA	39	AD2
43.83	32	200	0.74	MPAF	39	AD2
38.31	37	200	0.84	MP	39	AD2
35.91	39	200	0.90	MPF	39	AD2
33.03	44	200	1.0			
29.10	50	200	1.1			
23.88	59	200	1.3			
23.63	59	200	1.3	MPA	39	AD2
20.57	68	200	1.5	MPAF	39	AD2
19.27	73	200	1.6	MP	39	AD2
17.03	82	200	1.8	MPF	39	AD2
15.81	89	200	2.0			
14.33	98	200	2.2			
12.87	109	200	2.4			
11.08	126	190	2.6			
10.42	134	185	2.7			
8.87	156	175	3.0			
8.01	175	169	3.2			
7.48	188	161	3.5			
6.74	208	140	3.2			
6.05	231	135	3.4			
5.21	269	125	3.7			
4.90	286	120	3.7			
4.22	332	110	4.0			
3.77	372	105	4.3			

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type		
MP49 AD... , n = 1400 1/min				**400 N·m**		
198.76	7.1	400	0.35	MPA	49	AD1
175.38	8.0	400	0.37	MPAF	49	AD1
150.06	9.3	400	0.43	MP	49	AD1
130.07	11	400	0.50	MPF	49	AD1
121.57	12	400	0.53			
105.99	13	400	0.61			
89.79	16	400	0.71			
79.72	18	400	0.83			
68.09	21	400	0.94			
65.50	21	400	0.96	MPA	49	AD2
56.49	25	400	1.1	MPAF	49	AD2
48.00	29	400	1.3	MP	49	AD2
42.86	33	400	1.5	MPF	49	AD2
36.01	38	400	1.7			
34.79	41	400	1.8			
28.86	48	400	2.2			
36.86	45	400	2.0	MPA	49	AD2
28.98	49	400	2.1	MPAF	49	AD2
25.72	54	400	2.4	MP	49	AD2
21.82	64	400	2.8	MPF	49	AD2
19.70	71	400	3.1			
17.53	81	400	3.5			
16.36	86	400	3.7			
13.93	100	400	4.4			
12.66	111	400	4.8			
10.97	128	380	5.3			
8.95	156	250	4.3			
7.88	178	230	4.5			
7.44	188	225	4.6			
6.33	221	200	4.8			
5.76	243	191	5.1			
4.99	281	175	5.3			
MP59 AD... , n = 1400 1/min				**600 N·m**		
198.70	7.0	660	0.49	MPA	59	AD2
183.60	7.6	660	0.54	MPAF	59	AD2
157.09	8.9	660	0.62	MP	59	AD2
136.16	10	660	0.72	MPF	59	AD2
127.27	11	660	0.78			
110.01	13	660	0.93			
93.47	15	660	1.0			
83.48	17	660	1.1			
72.90	19	660	1.3			
68.22	21	660	1.4			
58.97	24	660	1.6			
56.10	26	660	1.9			
44.73	31	660	2.1			
38.21	37	660	2.4			
35.79	39	660	2.6			
30.10	46	560	3.1			
48.13	35	285	1.9	MPA	59	AD2
34.24	41	440	2.0	MPAF	59	AD2
29.94	47	415	2.1	MP	59	AD2
28.12	50	410	2.2	MPF	59	AD2
24.96	56	575	3.5			
21.17	66	660	4.4	MPA	59	AD3
19.11	73	660	4.8	MPAF	59	AD3
16.83	83	660	5.4	MP	59	AD3
15.68	88	660	5.8	MPF	59	AD3
13.52	104	660	6.8			
12.29	114	660	7.5			
10.64	132	660	8.8			
9.31	150	385	5.1			
8.10	171	400	7.5			
7.73	181	390	7.7			
6.55	213	355	8.2			
5.98	234	325	8.5			
5.58	276	365	9.0			

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MP69 AD... , n = 1400 1/min				**820 N·m**
228.99	6.1	820	0.59	MPA 69 AD2
195.39	7.2	820	0.68	MPAF 69 AD2
170.65	8.2	820	0.77	MP 69 AD2
166.42	8.4	820	0.80	MPF 69 AD2
142.48	9.8	820	0.93	
129.79	10	820	1.1	
109.04	13	820	1.2	
95.94	15	820	1.4	
90.58	15	820	1.4	
79.70	18	820	1.6	
67.65	21	820	1.9	
61.07	23	820	2.1	
53.73	26	820	2.4	
50.74	28	820	2.5	
43.29	32	820	3.0	
39.26	36	760	3.1	
34.01	41	740	3.4	
35.98	39	1040	2.5	MPA 69 AD2 MPAF 69 AD2 MP 69 AD2 MPF 69 AD2
32.08	44	820	3.9	MPA 69 AD3
27.41	51	820	4.6	MPAF 69 AD3
24.69	57	820	5.1	MP 69 AD3
22.05	63	820	5.7	MPF 69 AD3
20.90	67	820	6.0	
18.29	77	820	6.8	
16.46	85	820	7.6	
14.46	97	820	8.7	
12.76	110	820	9.6	
11.33	124	765	10.1	
9.69	145	670	10.0	
9.07	154	650	7.6	
8.60	163	440	7.8	
7.53	186	410	8.3	
6.79	206	385	8.7	
5.95	235	355	9.1	
5.25	267	330	9.6	
4.65	301	305	10.0	
3.97	352	275	10.6	
MP79 AD... , n = 1400 1/min				**1500 N·m**
261.71	5.9	1500	0.86	MPA 79 AD2
200.59	7.7	1500	0.92	MPAF 79 AD2
225.79	6.2	1500	1.1	MP 79 AD2
198.31	7.1	1500	1.2	MPF 79 AD2
186.64	7.5	1500	1.3	
166.47	8.4	1500	1.4	
142.37	9.8	1500	1.7	
129.12	11	1500	1.8	
114.45	12	1500	2.1	
106.46	13	1500	2.2	
94.03	15	1500	2.5	
85.52	16	1500	2.7	
75.02	19	1500	3.1	
72.50	19	1500	3.2	
65.89	21	1500	3.5	
56.32	24	1500	4.0	
55.27	25	1500	4.2	
48.37	29	1500	4.8	
43.58	32	1500	5.4	MPA 79 AD3
36.23	37	1500	6.1	MPAF 79 AD3
33.74	40	1500	6.9	MP 79 AD3
29.01	47	1500	7.6	MPF 79 AD3
25.54	55	1450	8.9	

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MP79 AD... , n = 1400 1/min				**1500 N·m**
36.58	38	1110	4.7	MPA 79 AD3
31.51	44	1110	5.4	MPAF 79 AD3
28.75	49	1260	6.4	MP 79 AD3
				MPF 79 AD3
25.50	55	1500	9.1	MPA 79 AD4
21.43	65	1500	10.7	MPAF 79 AD4
19.70	71	1500	11.6	MP 79 AD4
17.49	80	1500	13.1	MPF 79 AD4
15.64	90	1500	14.6	
14.66	100	1429	15.4	
12.21	115	1280	16.6	
10.83	129	1150	16.5	
9.30	151	930	13.3	
8.28	170	765	14.1	
7.38	190	720	14.9	
6.64	211	670	15.4	
5.76	243	605	16.0	
5.16	271	555	16.4	
4.28	327	470	16.8	
MP89 AD... , n = 1400 1/min				**3000 N·m**
270.68	5.2	3000	1.7	MPA 89 AD2
255.37	5.5	3000	1.8	MPAF 89 AD2
228.93	6.1	3000	2.0	MP 89 AD2
197.20	7.1	3000	2.4	MPF 89 AD2
170.97	7.8	3000	2.6	
159.69	8.8	3000	2.9	
134.16	10	3000	3.5	
120.29	11	3000	3.9	
109.49	13	3000	4.3	
97.69	14	3000	4.8	
88.91	16	3000	5.3	
76.39	18	3000	6.1	
68.40	20	3000	6.8	MPA 89 AD3
56.75	25	3000	8.2	MPAF 89 AD3
50.30	28	2940	9.1	MP 89 AD3
45.28	31	2820	9.7	MPF 89 AD3
39.30	36	2720	10.7	
35.19	40	2610	11.6	MPA 89 AD4
29.20	48	2510	13.4	MPAF 89 AD4
				MP 89 AD4
				MPF 89 AD4
33.92	41	2560	11.5	MPA 89 AD4
28.78	49	2300	12.7	MPAF 89 AD4
				MP 89 AD4
				MPF 89 AD4
26.50	53	3000	17.5	MPA 89 AD5
23.68	59	3000	19.6	MPAF 89 AD5
21.32	66	3000	21	MP 89 AD5
19.31	73	3000	24	MPF 89 AD5
17.12	82	3000	27	
15.48	90	3000	30	
13.12	107	3000	35	
11.46	122	3000	40	
9.58	146	2880	46	
8.29	169	1530	28	
7.35	190	1530	32	
6.65	211	1530	36	
5.63	248	1530	41	
4.92	285	1510	47	
4.12	348	1260	47	

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MP99 AD... , n = 1400 1/min				**4300 N·m**
270.77	5.1	4300	2.5	MPA 99 AD3
251.41	5.5	4300	2.7	MPAF 99 AD3
223.88	6.2	4300	3.0	MP 99 AD3
199.92	7.4	4300	3.6	MPF 99 AD3
174.67	8.5	4300	3.9	
159.38	9.3	4300	4.3	
140.71	10	4300	4.8	
127.42	11	4300	5.3	
112.99	12	4300	5.9	
102.16	14	4300	6.6	
97.56	14	4300	6.9	
89.85	16	4300	7.5	
86.59	16	4300	7.7	
80.31	17	4300	8.3	
75.63	19	4300	8.8	
72.30	19	4300	9.3	
65.47	21	4300	10.2	MPA 99 AD4
58.66	24	4300	11.5	MPAF 99 AD4
52.49	27	4300	12.8	MP 99 AD4
44.49	31	4300	15.1	MPF 99 AD4
38.86	36	4300	17.3	
32.50	43	4300	21	
43.26	32	3070	10.8	MPA 99 AD4
36.64	38	3070	12.8	MPAF 99 AD4
				MP 99 AD4
				MPF 99 AD4
33.91	41	4300	13.9	MPA 99 AD5
30.39	46	4300	22	MPAF 99 AD5
27.44	51	4300	24	MP 99 AD5
24.92	56	4300	26	MPF 99 AD5
22.11	63	4300	30	
20.97	70	4300	33	
17.25	81	4300	38	
15.06	93	4300	44	
12.77	110	4300	51	MPA 99 AD6
11.18	125	4100	56	MPAF 99 AD6
9.86	134	3360	49	MP 99 AD6
8.22	170	3360	44	MPF 99 AD6
7.00	198	3360	51	
6.17	227	3250	56	
5.23	268	3030	56	
4.57	306	2900	56	
MP109 AD... , n = 1400 1/min				**7840 N·m**
256.49	5.5	7680	4.7	MPA 109 AD3
215.37	6.5	7680	5.6	MPAF 109 AD3
193.31	7.2	7680	6.0	MP 109 AD3
178.64	7.8	7680	6.7	MPF 109 AD3
161.28	8.7	7680	7.4	
140.49	9.6	7680	8.2	
129.97	11	7680	8.2	
117.94	12	7680	10.2	
101.38	14	7680	11.6	MPA 109 AD4
92.47	15	7680	13.9	MPAF 109 AD4
86.49	16	7680	13.5	MP 109 AD4
83.99	17	7680	14.3	MPF 109 AD4
74.52	19	7680	16.1	
67.62	21	7680	17.7	
58.92	24	7680	20	
50.73	28	7680	23	
43.83	33	7680	28	MPA 109 AD5
37.61	37	7680	32	MPAF 109 AD5
36.99	45	7680	39	MP 109 AD5
				MPF 109 AD5

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MP109 AD... , n = 1400 1/min				**7840 N·m**
33.79	41	7400	33	MPA 109 AD5
27.57	51	7840	43	MPAF 109 AD5
25.14	56	7840	48	MP 109 AD5
21.76	64	7840	55	MPF 109 AD5
19.28	73	7000	56	
16.58	84	6120	56	
14.67	95	5410	56	
12.33	114	4540	56	
9.98	141	4000	61	
9.69	144	3580	56	
8.37	167	3090	56	
7.46	188	2750	56	
6.22	225	2290	56	
MP129 AD... , n = 1400 1/min				**12000 N·m**
172.17	8.1	12000	18.8	MPA 129 AD4
154.88	9.0	12000	12.1	MPAF 129 AD4
126.36	11	12000	14.8	MP 129 AD4
115.24	12	12000	16.3	MPF 129 AD4
99.73	14	12000	18.9	
88.00	16	12000	21	
78.96	19	12000	25	
70.82	20	12000	22	MPA 129 AD5
64.41	22	12000	29	MPAF 129 AD5
55.74	25	12000	33	MP 129 AD5
49.10	29	12000	38	MPF 129 AD5
42.48	33	12000	44	
37.57	38	12000	50	MPA 129 AD6 MPAF 129 AD6 MP 129 AD6 MPF 129 AD6
31.58	45	12000	59	MPA 129 AD7
25.56	55	12000	72	MPAF 129 AD7 MP 129 AD7 MPF 129 AD7
27.00	52	8500	46	MPA 129 AD8
24.76	57	8500	53	MPAF 129 AD8 MP 129 AD8 MPF 129 AD8
21.55	64	12000	85	MPA 129 AD8
19.91	73	10700	86	MPAF 129 AD8
16.48	85	11000	102	MP 129 AD8
14.67	95	11000	114	MPF 129 AD8
12.64	111	10000	121	
10.27	136	9040	134	
9.65	156	7000	121	
7.98	170	6800	116	
6.83	206	6630	130	
5.52	254	4900	135	
4.65	299	4150	135	
MP159 AD... , n = 1400 1/min				**18000 N·m**
267.43	5.2	18000	16.6	MPA 159 AD5
217.62	6.4	18000	13.6	MPAF 159 AD5
176.28	7.9	18000	15.8	MP 159 AD5
162.96	8.6	18000	17.2	MPF 159 AD5
141.80	9.9	18000	20	
125.14	11	18000	22	
108.49	13	18000	26	
96.53	15	18000	29	
85.80	16	18000	32	
78.46	18	18000	35	
68.28	21	18000	41	
60.25	23	18000	46	

Ratio	Nominal Output Speed	Code	Permissible Torque	Nominal Power	Type
i	r/min		N·m	kW	
MP100 (2)...-i-1/2S Code					MB5 flow
5.00	57	00001		1.1	MP100-(2)...-5-1/2S MP100-(2)...-5-1/2S MP100-(2)...-5-1/2S MP100-(2)...-5-1/2S
6.30	45	00002		1.1	MP100-(2)...-6.3-1/2S MP100-(2)...-6.3-1/2S MP100-(2)...-6.3-1/2S MP100-(2)...-6.3-1/2S
8.00	36	00003		1.1	MP100-(2)...-8-1/2S MP100-(2)...-8-1/2S MP100-(2)...-8-1/2S MP100-(2)...-8-1/2S
10.00	28	00004		1.1	MP100-(2)...-10-1/2S MP100-(2)...-10-1/2S MP100-(2)...-10-1/2S MP100-(2)...-10-1/2S
12.50	23	00005		1.1	MP100-(2)...-12.5-1/2S MP100-(2)...-12.5-1/2S MP100-(2)...-12.5-1/2S MP100-(2)...-12.5-1/2S
15.00	19	00006		1.1	MP100-(2)...-15-1/2S MP100-(2)...-15-1/2S MP100-(2)...-15-1/2S MP100-(2)...-15-1/2S
16.00	18	00007		1.1	MP100-(2)...-16-1/2S MP100-(2)...-16-1/2S MP100-(2)...-16-1/2S MP100-(2)...-16-1/2S
18.00	16	00008		1.1	MP100-(2)...-18-1/2S MP100-(2)...-18-1/2S MP100-(2)...-18-1/2S MP100-(2)...-18-1/2S
20.00	14	00009		1.1	MP100-(2)...-20-1/2S MP100-(2)...-20-1/2S MP100-(2)...-20-1/2S MP100-(2)...-20-1/2S
22.40	13	00010		1.1	MP100-(2)...-22.4-1/2S MP100-(2)...-22.4-1/2S MP100-(2)...-22.4-1/2S MP100-(2)...-22.4-1/2S
25.00	11	00011		1.1	MP100-(2)...-25-1/2S MP100-(2)...-25-1/2S MP100-(2)...-25-1/2S MP100-(2)...-25-1/2S
28.00	10	00012		1.1	MP100-(2)...-28-1/2S MP100-(2)...-28-1/2S MP100-(2)...-28-1/2S MP100-(2)...-28-1/2S
31.50	9	00013		1.1	MP100-(2)...-31.5-1/2S MP100-(2)...-31.5-1/2S MP100-(2)...-31.5-1/2S MP100-(2)...-31.5-1/2S
35.50	8	00014		1.1	MP100-(2)...-35.5-1/2S MP100-(2)...-35.5-1/2S MP100-(2)...-35.5-1/2S MP100-(2)...-35.5-1/2S
40.00	7	00015		1.1	MP100-(2)...-40-1/2S MP100-(2)...-40-1/2S MP100-(2)...-40-1/2S MP100-(2)...-40-1/2S
45.00	6	00016		1.1	MP100-(2)...-45-1/2S MP100-(2)...-45-1/2S MP100-(2)...-45-1/2S MP100-(2)...-45-1/2S
50.00	6	00017		1.1	MP100-(2)...-50-1/2S MP100-(2)...-50-1/2S MP100-(2)...-50-1/2S MP100-(2)...-50-1/2S
56.00	5	00018		1.1	MP100-(2)...-56-1/2S MP100-(2)...-56-1/2S MP100-(2)...-56-1/2S MP100-(2)...-56-1/2S
63.00	4	00019		1.1	MP100-(2)...-63-1/2S MP100-(2)...-63-1/2S MP100-(2)...-63-1/2S MP100-(2)...-63-1/2S
71.00	4	00020		1.1	MP100-(2)...-71-1/2S MP100-(2)...-71-1/2S MP100-(2)...-71-1/2S MP100-(2)...-71-1/2S
80.00	3	00021		1.1	MP100-(2)...-80-1/2S MP100-(2)...-80-1/2S MP100-(2)...-80-1/2S MP100-(2)...-80-1/2S
90.00	3	00022		1.1	MP100-(2)...-90-1/2S MP100-(2)...-90-1/2S MP100-(2)...-90-1/2S MP100-(2)...-90-1/2S
100.00	2	00023		1.1	MP100-(2)...-100-1/2S MP100-(2)...-100-1/2S MP100-(2)...-100-1/2S MP100-(2)...-100-1/2S
MP100 (2)...-i-1/2S Code					JIS flow
5.00	57	00001		1.1	MP100-(2)...-5-1/2S MP100-(2)...-5-1/2S MP100-(2)...-5-1/2S
6.30	45	00002		1.1	MP100-(2)...-6.3-1/2S MP100-(2)...-6.3-1/2S MP100-(2)...-6.3-1/2S
8.00	36	00003		1.1	MP100-(2)...-8-1/2S MP100-(2)...-8-1/2S MP100-(2)...-8-1/2S
10.00	28	00004		1.1	MP100-(2)...-10-1/2S MP100-(2)...-10-1/2S MP100-(2)...-10-1/2S
12.50	23	00005		1.1	MP100-(2)...-12.5-1/2S MP100-(2)...-12.5-1/2S MP100-(2)...-12.5-1/2S
15.00	19	00006		1.1	MP100-(2)...-15-1/2S MP100-(2)...-15-1/2S MP100-(2)...-15-1/2S
16.00	18	00007		1.1	MP100-(2)...-16-1/2S MP100-(2)...-16-1/2S MP100-(2)...-16-1/2S
18.00	16	00008		1.1	MP100-(2)...-18-1/2S MP100-(2)...-18-1/2S MP100-(2)...-18-1/2S
20.00	14	00009		1.1	MP100-(2)...-20-1/2S MP100-(2)...-20-1/2S MP100-(2)...-20-1/2S
22.40	13	00010		1.1	MP100-(2)...-22.4-1/2S MP100-(2)...-22.4-1/2S MP100-(2)...-22.4-1/2S
25.00	11	00011		1.1	MP100-(2)...-25-1/2S MP100-(2)...-25-1/2S MP100-(2)...-25-1/2S
28.00	10	00012		1.1	MP100-(2)...-28-1/2S MP100-(2)...-28-1/2S MP100-(2)...-28-1/2S
31.50	9	00013		1.1	MP100-(2)...-31.5-1/2S MP100-(2)...-31.5-1/2S MP100-(2)...-31.5-1/2S
35.50	8	00014		1.1	MP100-(2)...-35.5-1/2S MP100-(2)...-35.5-1/2S MP100-(2)...-35.5-1/2S
40.00	7	00015		1.1	MP100-(2)...-40-1/2S MP100-(2)...-40-1/2S MP100-(2)...-40-1/2S
45.00	6	00016		1.1	MP100-(2)...-45-1/2S MP100-(2)...-45-1/2S MP100-(2)...-45-1/2S
50.00	6	00017		1.1	MP100-(2)...-50-1/2S MP100-(2)...-50-1/2S MP100-(2)...-50-1/2S
56.00	5	00018		1.1	MP100-(2)...-56-1/2S MP100-(2)...-56-1/2S MP100-(2)...-56-1/2S
63.00	4	00019		1.1	MP100-(2)...-63-1/2S MP100-(2)...-63-1/2S MP100-(2)...-63-1/2S
71.00	4	00020		1.1	MP100-(2)...-71-1/2S MP100-(2)...-71-1/2S MP100-(2)...-71-1/2S
80.00	3	00021		1.1	MP100-(2)...-80-1/2S MP100-(2)...-80-1/2S MP100-(2)...-80-1/2S
90.00	3	00022		1.1	MP100-(2)...-90-1/2S MP100-(2)...-90-1/2S MP100-(2)...-90-1/2S
100.00	2	00023		1.1	MP100-(2)...-100-1/2S MP100-(2)...-100-1/2S MP100-(2)...-100-1/2S

4.11 MP型安装型式一览 Installation side figure of MP series

MP25

MPA..25

MPA25/MPW25

MP50

MPA50

MP..25AB1

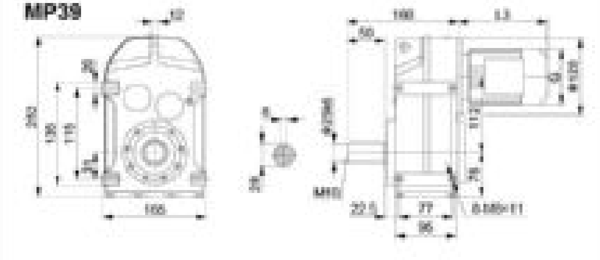
MP75

MP(A)75

MP..25BD11

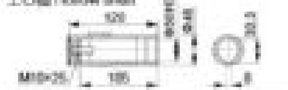
MP..25AD

MP39

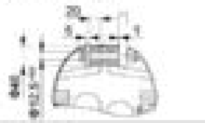


MPA..39

空心轴 Hollow shaft

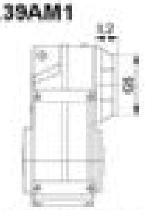


MPAT/MPHT39



MPA39 MPAZ39

MP..39AM1



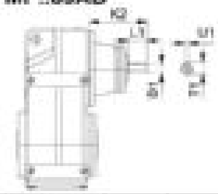
When equipping the user' motor, the flange is required to connected

MPF39 MPAF39

MP..39MD19

	MP..39MD19
L	133

MP..39AD



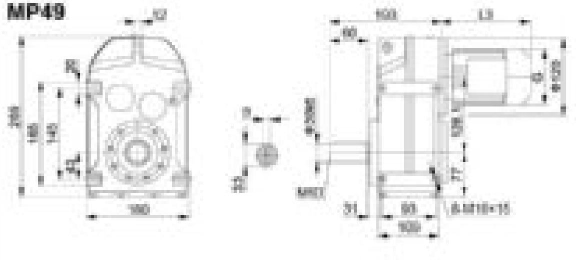
	K2	D1	L1	T1	U1	M
AD1	102	16k6	40	18	5	M5
AD2	130	19k6	40	21.5	6	M6

Note: For other values please roger to the oppnted structure

Y系列电机座号 motor size	63		71		80		90S	90L	100	
Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0
L3	236		244		300		315	340	365	
G	130		145		175		195	195	215	
L2	56		56		56		56	56	82	
G5	140		160		200		200	200	250	

Note: 1. The above shafts are universal parts, and the installation sizes can be mutually referred to.
2. "MP.." means MP, MPA, MPAB, MPAT, MPF, MPAF, MPAZ, MPHB, MPHF, MPH, MPHZ, MPHT.
3. With expansion plate structural forms, see Page P009-P010 for size details of expansion plate.

MP49

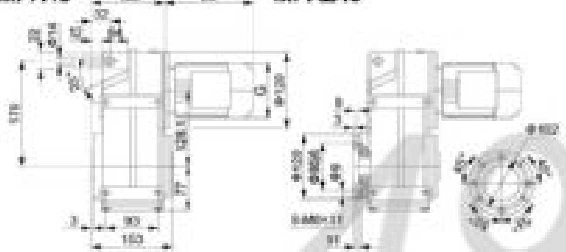


MPA..49

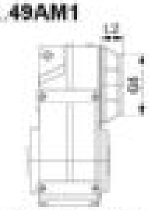
空心轴 Hollow shaft

MPAT/MPHT49

MPA49 MPAZ49

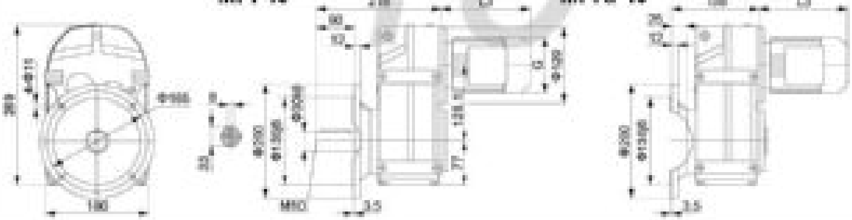


MP..49AM1



When equipping the user' motor, the flange is required to connected

MPF49 MPAF49



MP..49MD19

	MP..49MD19
L	133

MP..49AD

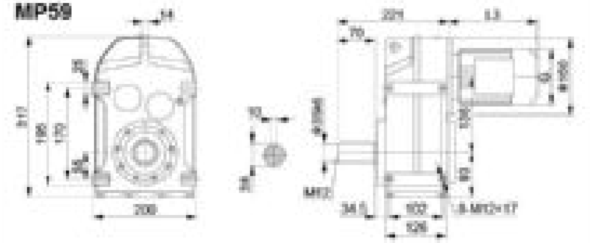
	K2	D1	L1	T1	U1	M
AD1	102	16k6	40	18	5	M5
AD2	130	19k6	40	21.5	6	M6

Note: For other values please roger to the oppnted structure

Y系列电机座号 motor size	63		71		80		90S	90L	100	
Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0
L3	236		244		300		315	340	365	
G	130		145		175		195	195	215	
L2	56		56		56		56	56	82	
G5	140		160		200		200	200	250	

Note: 1. The above shafts are universal parts, and the installation sizes can be mutually referred to.
2. "MP.." means MP, MPA, MPAB, MPAT, MPF, MPAF, MPAZ, MPHB, MPHF, MPH, MPHZ, MPHT.
3. With expansion plate structural forms, see Page P009-P010 for size details of expansion plate.

MP59

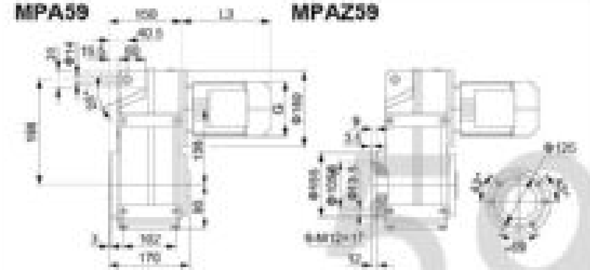


MPA..59

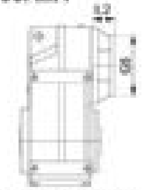
空心轴 Hollow shaft

MPAT/MPHT59

MPA59 MPAZ59

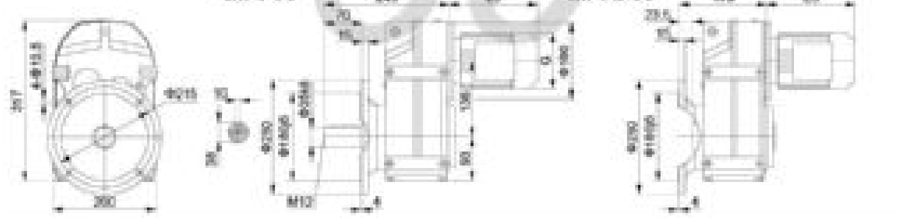


MP..59AM1



配方自配电机需加联接法兰
When equipping the user' motor, the flange is requied to connected

MPF59 MPAF59



MP..59MD39

	MP..59MD39
L	560

MP..59AD

	K2	D1	L1	T1	U1	M
AD2	123	19k6	40	21.5	6	M6
AD3	159	24k6	50	27	8	M8

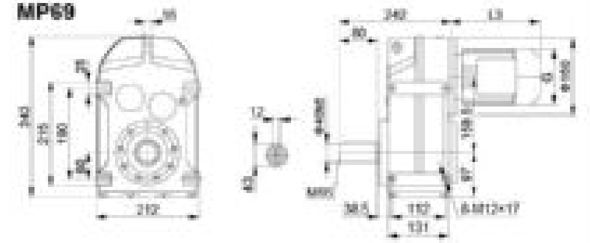
注：其余尺寸见相应结构型式
Note:For other values please roger to the opprated structure

Y2电机机座号 motor size	63		71		80		90S	90L	100		112M	132S
功率 Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5
L3	209		241		298		310	335	365		392	434
G	136		145		175		195	195	215		240	270
L2	56		57		72		72	72	68		98	105
G5	140		160		200		200	200	250		250	300

注：1.以上两轴为通用件,安装尺寸可以互相参照。
2."MP.."表示MP、MPA、MPAB、MPAZ、MPF、MPAF、MPAZ、MPHB、MPHF、MPH、MPHZ、MPHT。
3.带胀紧盘结构形式，胀紧盘尺寸详见P009-P010。

Note: 1.The above shafts are universal parts,and the installation sizes can be mutually referred to.
2."MP.." means MP、MPA、MPAB、MPAT、MPF、MPAF、MPAZ、MPHB、MPHF、MPH、MPHZ、MPHT.
3.With expansion plate structural forms,see PageP009-P010 for size details of expansion plate.

MP69

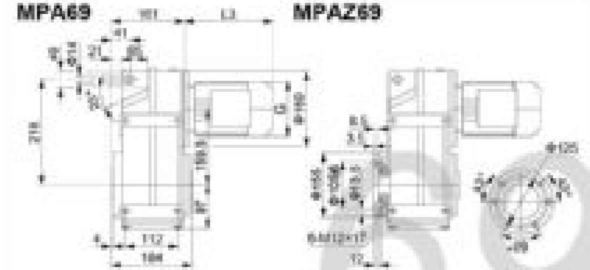


MPA..69

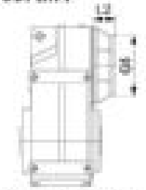
空心轴 Hollow shaft

MPAT/MPHT69

MPA69 MPAZ69

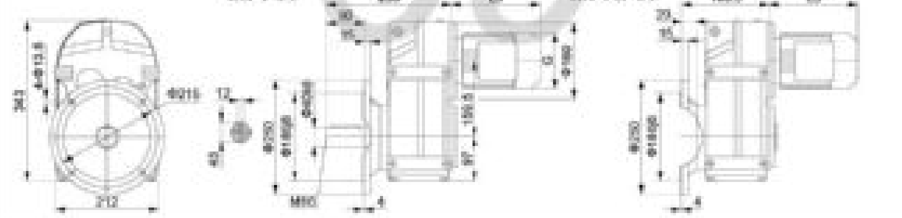


MP..69AM1



配方自配电机需加联接法兰
When equipping the user' motor, the flange is requied to connected

MPF69 MPAF69



MP..69MD39

	MP..69MD39
L	555

MP..69AD

	K2	D1	L1	T1	U1	M
AD2	123	19k6	40	21.5	6	M6
AD3	159	24k6	50	27	8	M8

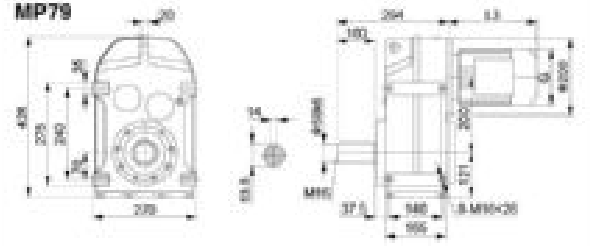
注：其余尺寸见相应结构型式
Note:For other values please roger to the opprated structure

Y2电机机座号 motor size	63	71		80		90S	90L	100		112M	132S
功率 Power(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5
L3	209	241		290		310	335	365		392	434
G	136	145		175		195	195	215		240	270
L2	56	57		72		72	72	68		98	105
G5	140	160		200		200	200	250		250	300

注：1.以上两轴为通用件,安装尺寸可以互相参照。
2."MP.."表示MP、MPA、MPAB、MPAZ、MPF、MPAF、MPAZ、MPHB、MPHF、MPH、MPHZ、MPHT。
3.带胀紧盘结构形式，胀紧盘尺寸详见P009-P010。

Note: 1.The above shafts are universal parts,and the installation sizes can be mutually referred to.
2."MP.." means MP、MPA、MPAB、MPAT、MPF、MPAF、MPAZ、MPHB、MPHF、MPH、MPHZ、MPHT.
3.With expansion plate structural forms,see PageP009-P010 for size details of expansion plate.

MP79

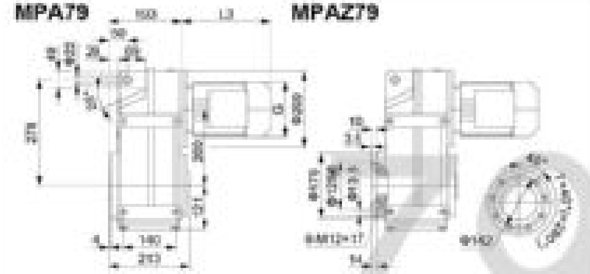


MPA..79

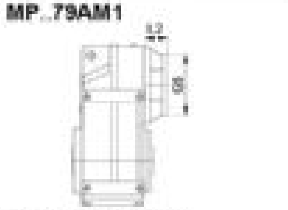
空心轴 Hollow shaft

MPAT/MPHT79

MPA79 MPAZ79

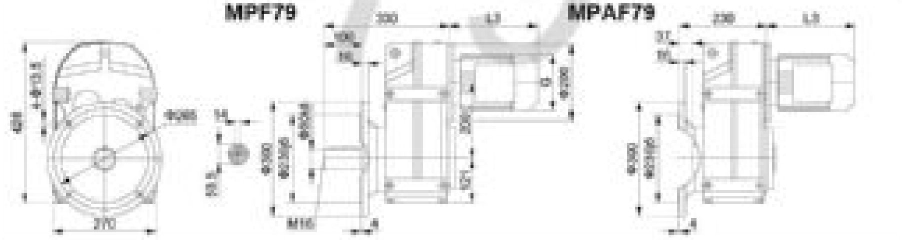


MP..79AM1



When equipping the user' motor, the flange is requied to connected

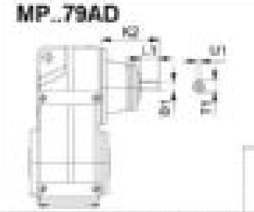
MPF79 MPAF79



MP..79MD39

	MP..79MD39
L	157

MP..79AD



	K2	D1	L1	T1	U1	M
AD2	116	19k6	40	21.5	6	M6
AD3	151	24k6	50	27	8	M8
AD4	224	38k6	80	41	10	M12

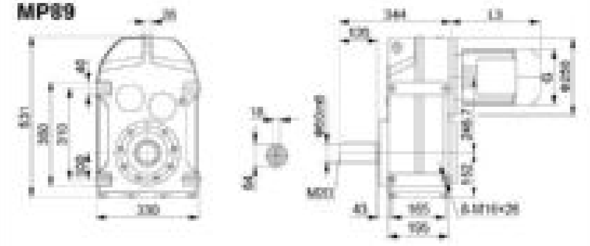
Note:For other values please roger to the oppotled structure

Y2 motor size / Power(kw)	71	80		90S	90L	100		112M	132S	132M	160M				
Power(kw)	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11				
L3	217	300		316	341	366		395	441	479	532				
G	145	175		195	195	215		240	275	275	330				
L2	57	72		72	72	68		68	105	105	128				
G5	160	200		200	200	250		250	300	300	350				

Note: 1.The above shells are universal parts,and the installation sizes can be mutually referred to.
2."MP.." means MP, MPA, MPAB, MPAT, MPF, MPAF, MPAZ, MPHB, MPHF, MPH, MPHZ, MPHT.
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate.

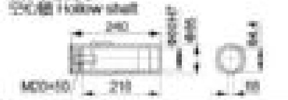
PARALLEL SHAFT HELICAL GEAR REDACTOR
平行轴斜齿轮减速机
MP SERIES

MP89

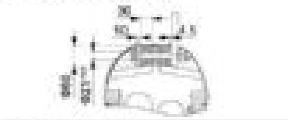


MPA..89

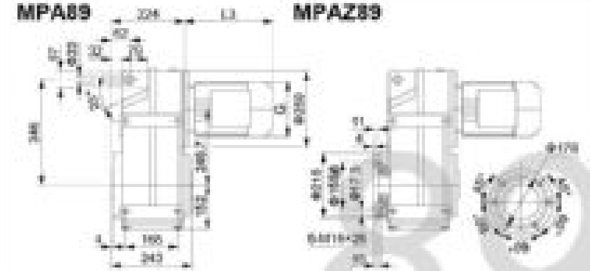
空心轴 Hollow shaft



MPAT/MPHT89



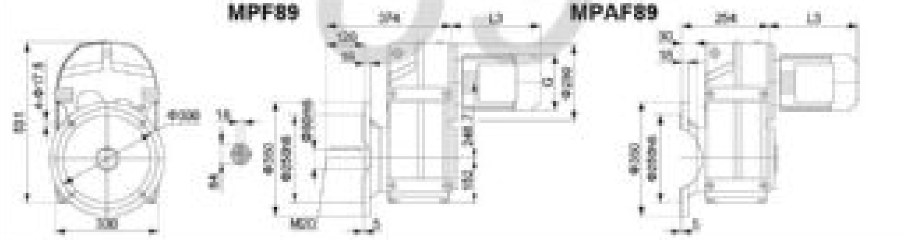
MPA89 MPAZ89



MP..89AM1

When equipping the user' motor, the flange is requied to connected

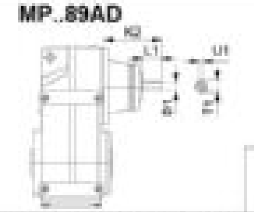
MPF89 MPAF89



MP..89MD59

	MP..89MD59
L	216

MP..89AD



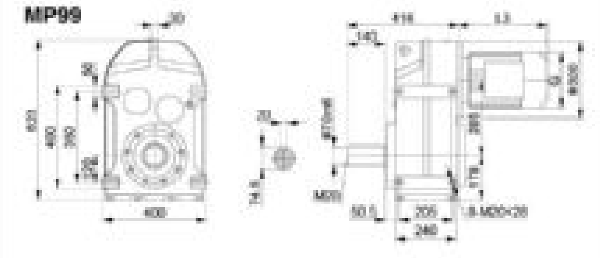
	K2	D1	L1	T1	U1	M
AD2	111	19k6	40	21.5	6	M6
AD3	156	28k6	60	31	8	M10
AD4	219	38k6	80	41	10	M12
AD5	292	42k6	110	45	12	M16

Note:For other values please roger to the oppotled structure

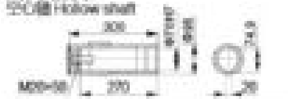
Y2 motor size / Power(kw)	80	90S	90L	100		112M	132S	132M	160M	160L	180M	180L	
Power(kw)	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22	
L3	292	300	325	363		398	441	479	532	570	607	645	
G	175	195	195	215		240	275	275	330	330	380	380	
L2	62	62	62	74		74	98	98	119	119	119	119	
G5	200	200	200	250		250	300	300	350	350	350	350	

Note: 1.The above shells are universal parts,and the installation sizes can be mutually referred to.
2."MP.." means MP, MPA, MPAB, MPAT, MPF, MPAF, MPAZ, MPHB, MPHF, MPH, MPHZ, MPHT.
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate.

MP99



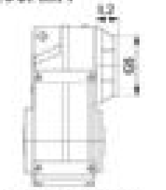
MPA..99 空心轴 Hollow shaft



MPAT/MPHT99

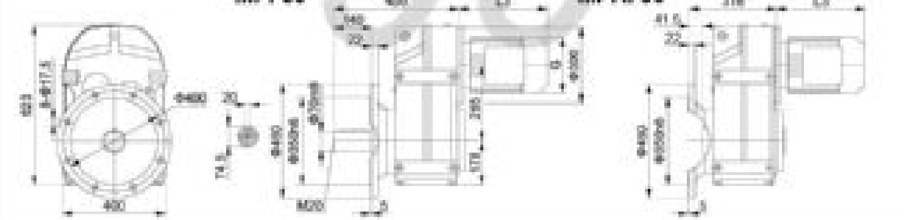
MPA99 MPAZ99

MP..99AM1



配方自配电机需加联接法兰
When equipping the user' motor, the flange is requied to connected

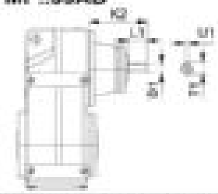
MPF99 MPAF99



MP..99MD59

MP..99MD59	
L	211

MP..99AD



	K2	D1	L1	T1	U1	M
AD3	151	28k6	60	31	8	M10
AD4	214	38k6	80	41	10	M12
AD5	287	42k6	110	45	12	M16
AD6	327	48k6	110	51.5	14	M16

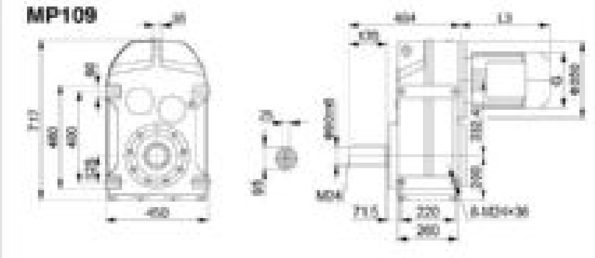
注：其余尺寸请咨询结构形式
Note:For other values please roger to the oppoited structure

Y2电机机座号 Motor size 功率 Power(kw)	90S	90L	100		112M	132S	132M	160M	160L	180M	180L	200L
	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22	30
L3	306	331	358		395	434	472	536	582	607	645	683
G	195	195	215		240	275	275	330	330	380	380	420
L2	50	50	58		50	92	92	113	113	113	113	123
G6	200	200	250		250	300	300	350	350	350	350	400

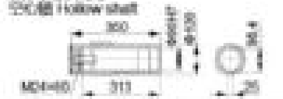
注：1.以上所列为通用件,安装尺寸可相互参照。
2."MP.."表示MP、MPA、MPAB、MPAT、MPF、MPAF、MPAZ、MPHB、MPHF、MPH、MPHZ、MPHT。
3.带胀紧盘结构形式，胀紧盘尺寸详见P009-P010

Note: 1.The above shafts are universal parts,and the installation sizes can be mutually referred to.
2."MP.." means MP、MPA、MPAB、MPAT、MPF、MPAF、MPAZ、MPHB、MPHF、MPH、MPHZ、MPHT.
3.With expansion plate structural forms,see PageP009-P010 for size details of expansion plate.

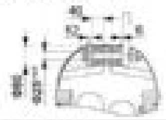
MP109



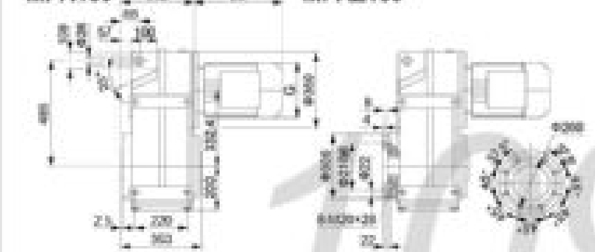
MPA..109 空心轴 Hollow shaft



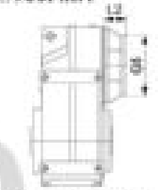
MPAT/MPHT109



MPA109 MPAZ109

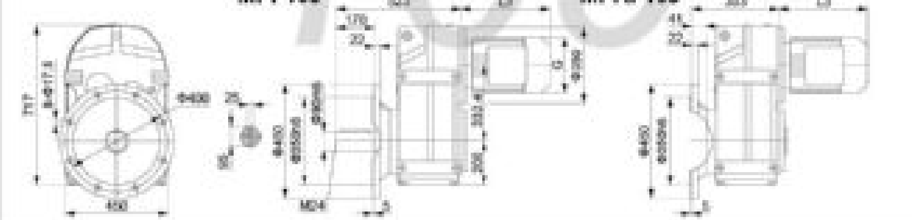


MP..109AM1



配方自配电机需加联接法兰
When equipping the user' motor, the flange is requied to connected

MPF109 MPAF109



MP..109MD79

MP..109MD79	
L	247

MP..109AD

	K2	D1	L1	T1	U1	M
AD3	145	28k6	60	31	8	M10
AD4	208	38k6	80	41	10	M12
AD5	281	42k6	110	45	12	M16
AD6	321	48k6	110	51.5	14	M16

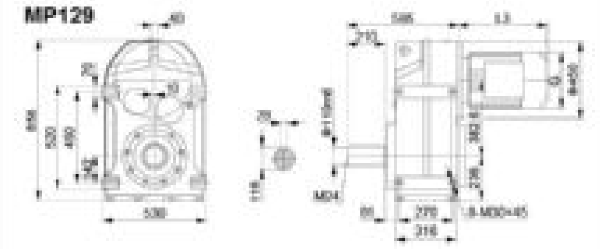
注：其余尺寸请咨询结构形式
Note:For other values please roger to the oppoited structure

Y2电机机座号 Motor size 功率 Power(kw)	100		112M	132S	132M	160M	160L	180M	180L	200L	225S	225M
	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22	30	37	45
L3	358		395	423	461	508	552	585	623	683	720	745
G	215		240	275	275	330	330	380	380	420	470	470
L2	55		55	76	76	112	112	112	112	130	151	151
G6	250		250	300	300	350	350	350	350	400	450	450

注：1.以上所列为通用件,安装尺寸可相互参照。
2."MP.."表示MP、MPA、MPAB、MPAT、MPF、MPAF、MPAZ、MPHB、MPHF、MPH、MPHZ、MPHT。
3.带胀紧盘结构形式，胀紧盘尺寸详见P009-P010

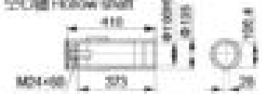
Note: 1.The above shafts are universal parts,and the installation sizes can be mutually referred to.
2."MP.." means MP、MPA、MPAB、MPAT、MPF、MPAF、MPAZ、MPHB、MPHF、MPH、MPHZ、MPHT.
3.With expansion plate structural forms,see PageP009-P010 for size details of expansion plate.

MP129



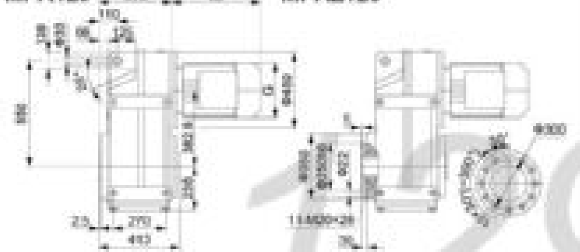
MPA..129

空心轴 Hollow shaft



MPAT/MPHT129

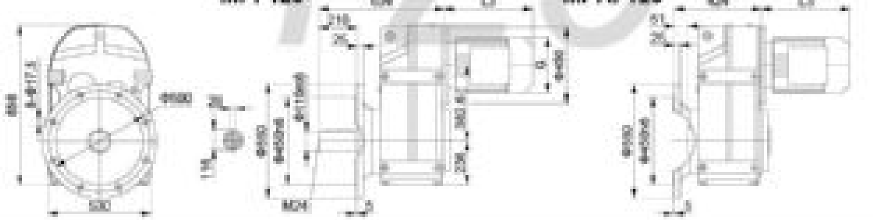
MPA129 MPAZ129



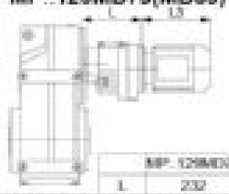
MP..129AM1

需方自配电机需加联接法兰
When equipping the user' motor, the flange is required to connected

MPF129 MPAF129

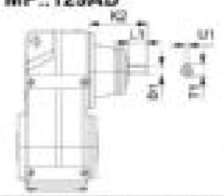


MP..129MD79(MD89)



	MP..129MD79	MP..129MD89
L	232	260

MP..129AD



	K2	D1	L1	T1	U1	M
AD4	193	38k6	80	41	10	M12
AD5	266	42k6	110	45	12	M16
AD6	306	48k6	110	51.5	14	M16
AD7	300	55m6	110	59	16	M20
AD8	383	70m6	140	74.5	20	M20

注：其余尺寸见相应的结构形式
Note:For other values please roger to the oppsited structure

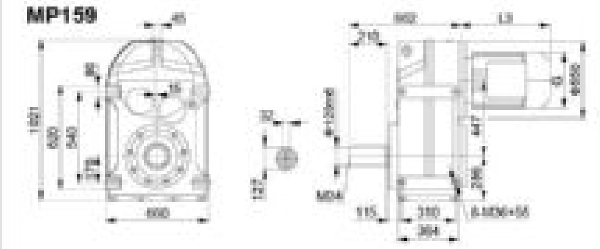
Y3电机机座号 motor size 功率 Power(kw)	132M	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M		
Power(kw)	7.5	11	15	18.5	22	30	37	45	55	75	90		
L3	485	511	555	580	623	673	699	724	784	847	847		
G	275	330	330	380	380	420	470	470	510	580	580		
L2	78	112	112	112	112	130	135	135	139	139	139		
G5	300	350	350	350	350	400	450	450	550	550	550		

注：1.以上所指为通用件,安装尺寸可以互相参照。
2."MP.."表示MP、MPA、MPAB、MPAT、MPF、MPAF、MPAZ、MPHB、MPHF、MPH、MPHZ、MPHT。
3.带胀紧盘结构形式，胀紧盘尺寸详见P209-P210

Note: 1.The above shafts are universal parts,and the installation sizes can be mutually referred to.
2."MP.." means MP, MPA, MPAB, MPAT, MPF, MPAF, MPAZ, MPHB, MPHF, MPH, MPHZ, MPHT.
3.With expansion plate structural forms,see Page P209-P210 for size details of expansion plate.

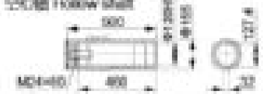
PARALLEL SHAFT HELICAL GEAR REDACTOR
平行轴斜齿轮减速机 MP SERIES

MP159

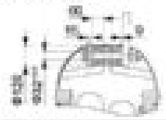


MPA..159

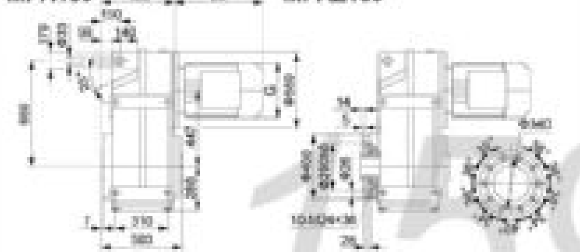
空心轴 Hollow shaft



MPAT/MPHT159



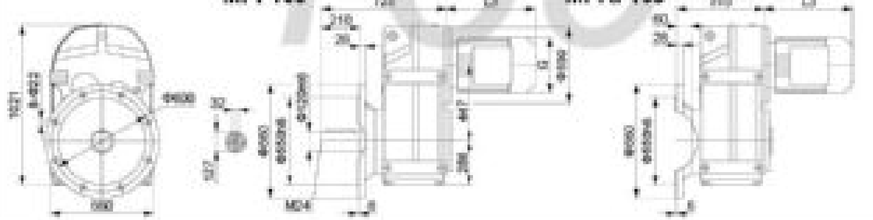
MPA159 MPAZ159



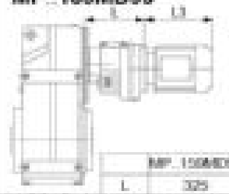
MP..159AM1

需方自配电机需加联接法兰
When equipping the user' motor, the flange is required to connected

MPF159 MPAF159



MP..159MD99



	MP..159MD99
L	325

MP..159AD

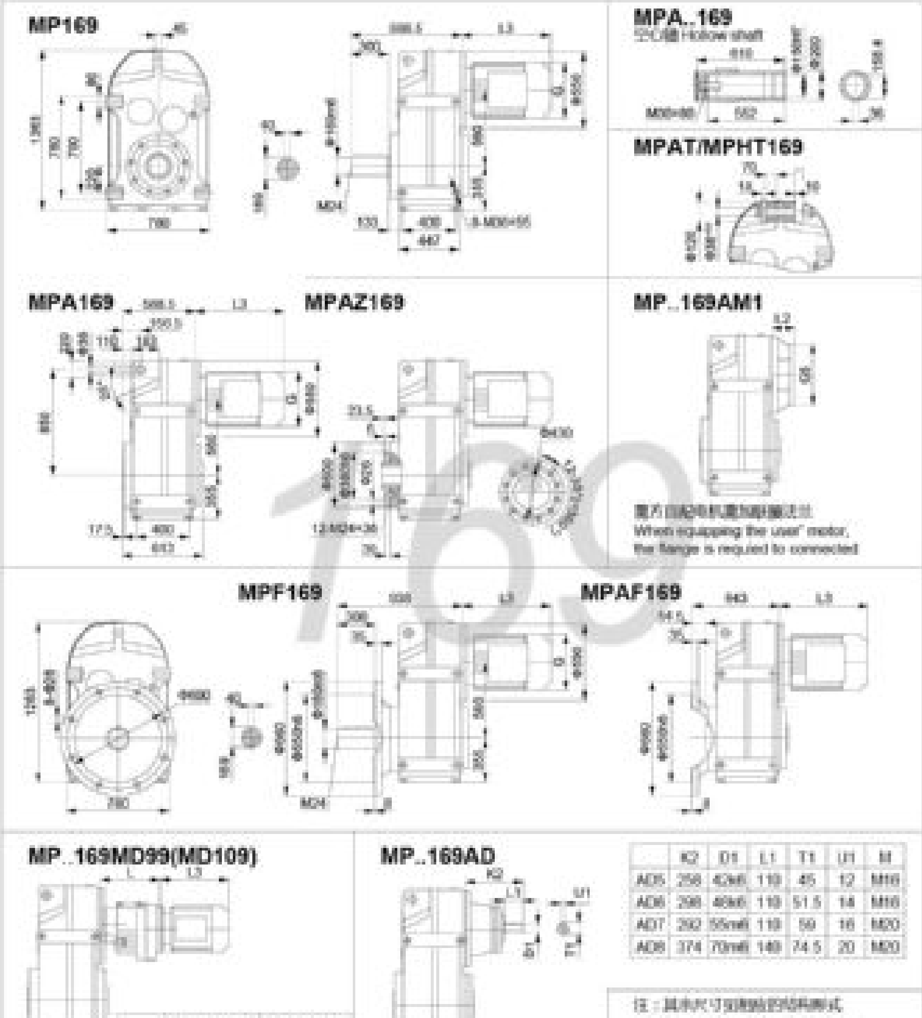
	K2	D1	L1	T1	U1	M
AD5	258	42k6	110	45	12	M16
AD6	298	48k6	110	51.5	14	M16
AD7	282	55m6	110	59	16	M20
AD8	374	70m6	140	74.5	20	M20

注：其余尺寸见相应的结构形式
Note:For other values please roger to the oppsited structure

Y3电机机座号 motor size 功率 Power(kw)	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L
Power(kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160
L3	511	555	580	623	673	699	724	784	847	847	1109	1180	1270
G	330	330	380	380	420	470	470	510	580	580	645	645	645
L2	101	101	101	101	111	116	116	120	120	129	170	170	170
G5	350	350	350	350	400	450	450	550	550	550	660	660	660

注：1.以上所指为通用件,安装尺寸可以互相参照。
2."MP.."表示MP、MPA、MPAB、MPAT、MPF、MPAF、MPAZ、MPHB、MPHF、MPH、MPHZ、MPHT。
3.带胀紧盘结构形式，胀紧盘尺寸详见P209-P210

Note: 1.The above shafts are universal parts,and the installation sizes can be mutually referred to.
2."MP.." means MP, MPA, MPAB, MPAT, MPF, MPAF, MPAZ, MPHB, MPHF, MPH, MPHZ, MPHT.
3.With expansion plate structural forms,see Page P209-P210 for size details of expansion plate.



	K2	D1	L1	T1	U1	M
AD5	258	42k6	110	45	12	M16
AD6	298	48k6	110	51.5	14	M16
AD7	292	55m6	110	59	16	M20
AD8	374	70m6	140	74.5	20	M20

注：其余尺寸请参照结构样式
Note:For other values please roger to the oppsited structure

MP..169MD99	MP..169MD109
L	
325	362

Y系列电机型号 Motor size 功率 Power(kw)	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L
Power(kw)	11	15	18.5	22	30	37	45	55	75	90	110	132	160
L3	511	555	585	620	673	699	724	794	847	847	1100	1180	1270
G	330	330	360	360	420	470	470	510	580	580	645	645	645
L2	101	101	101	101	111	116	116	120	120	120	170	170	170
G6	350	350	350	350	400	450	450	550	550	550	660	660	660

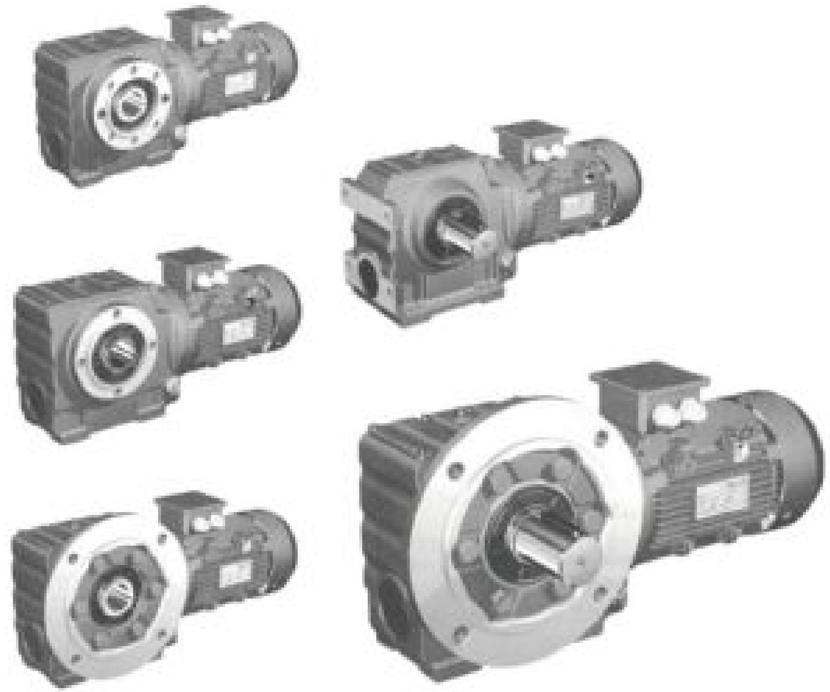
注：1.以上外形为通用件,安装尺寸均可互相参照。
2."MP.."表示MP、MPA、MPAB、MPAT、MPF、MPAF、MPAZ、MPHB、MPHF、MPH、MPHZ、MPHT。
3.胀紧盘连接的形式，胀紧盘尺寸请见P009-P010

Note: 1.The above sheets are universal parts,and the installation sizes can be mutually referred to.
2."MP.." means MP, MPA, MPAB, MPAT, MPF, MPAF, MPAZ, MPHB, MPHF, MPH, MPHZ, MPHT.
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate.

MN SERIES

HELICAL-WORM GEAR REDUCTOR

MN系列 圆柱蜗杆减速机



5.1 MN系列结构型式说明 Description to structural form of MN series

1) MN型
底脚安装圆柱蜗杆减速机
Model MN
Foot-mounted helical-worm gear reductor

2) MNF型
B5法兰安装圆柱蜗杆减速机
Model MNF
B5 flange-mounted helical-worm gear reductor

3) MNAF型
B5法兰空心轴安装圆柱蜗杆减速机
Model MNAF
B5 flange-mounted helical-worm gear reductor

4) MNA型
空心轴安装圆柱蜗杆减速机
Model MNA
Helical-worm gear reductor with hollow shaft

5) MNAT型
空心轴安装扭矩臂圆柱蜗杆减速机
Model MNAT
Helical-worm gear reductor in torque-arm version with hollow shaft

6) MNAZ型
B14法兰空心轴安装圆柱蜗杆减速机
Model MNAZ
B14 flange-mounted helical-worm gear reductor with hollow Shaft

7) MNHF型
B5法兰胀紧盘安装圆柱蜗杆减速机
Model MNHF
B5 flange and expansion plate installation cylindrical worm speed reducer

8) MNH 型
胀紧盘安装圆柱蜗杆减速机
Model MNH
Expansion plate installation cylindrical worm speed reducer

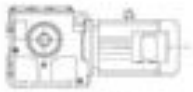
9) MNHT 型
胀紧盘安装扭臂固定型圆柱蜗杆减速机
Model MNHT
Expansion plate installation with reverse rotary arm fixation cylindrical worm speed reducer

10) MNHZ 型
B14法兰胀紧盘安装圆柱蜗杆减速机
Model MNHZ
Flange and expansion plate installation cylindrical worm speed reducer

组合型
MN..MD型（..代表以上所有结构型式）
MN系列与MD系列组合减速机
Combined type
MN..MD model (representing all the above structural forms)
MN series and MD series combined speed reducer

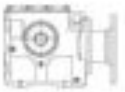
输入部分配置
Input allocation

Y
电机直联型（标准配置）
Motor direct connecting type
(stand configuration)

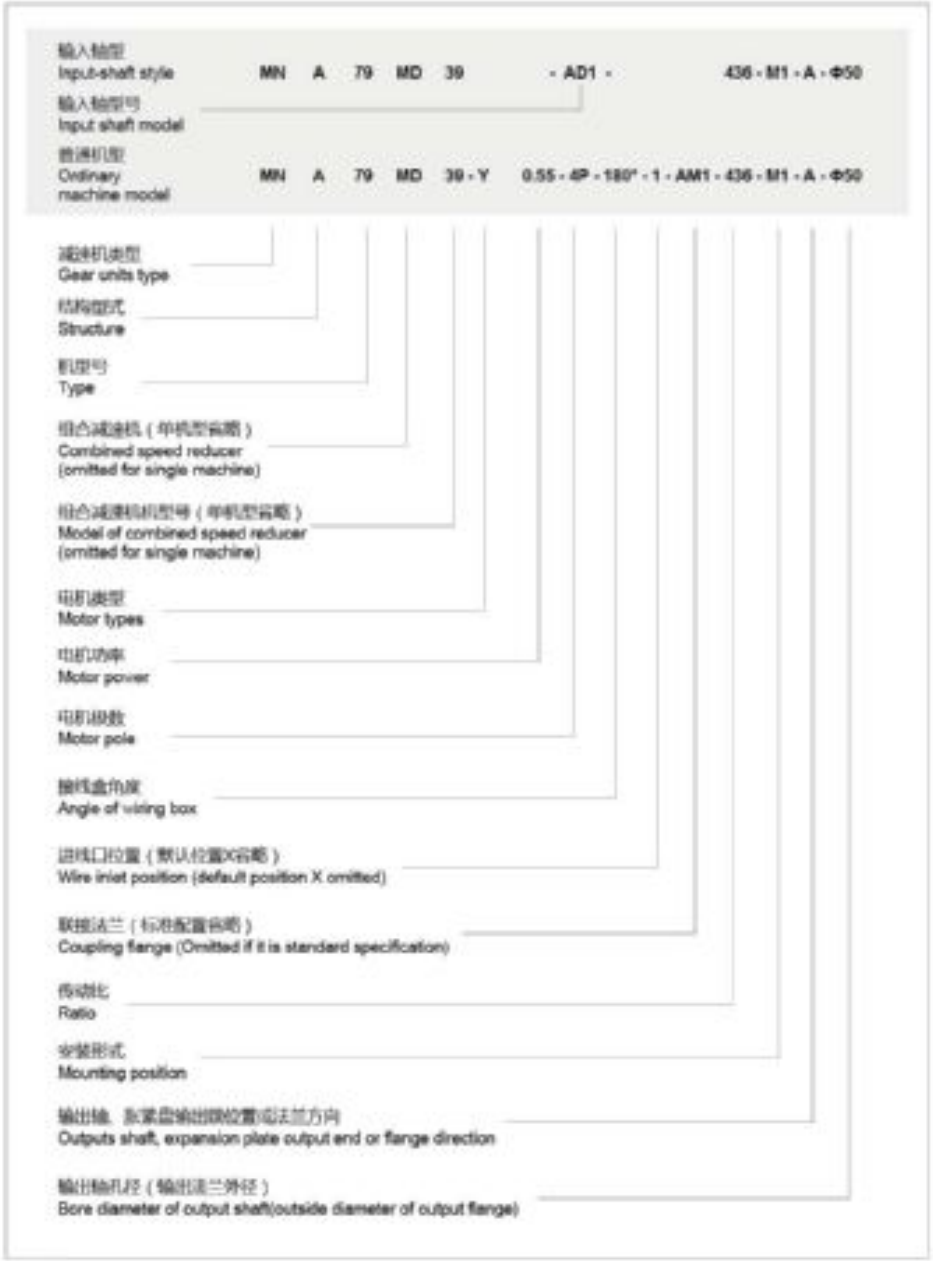


AD
输入轴型
Input shaft type

AM1
联轴法兰型
Coupling flange type



5.2 MN系列型号表示法 Model expression way of MN series



减速机类型：MN斜齿轮蜗杆减速机	Gear unit type:MN helical-worm gear reductor
结构型式：（见P203-P204页） 普通轴伸底脚安装（省略） B5法兰安装 F B5法兰空心轴安装 AF 空心轴安装 A 空心轴安装防转臂固定 AT B14法兰空心轴安装 AZ 胀紧盘安装 H B5法兰胀紧盘安装 HF B14法兰胀紧盘安装 HZ 胀紧盘安装防转臂固定 HT 未注明时普通轴伸底脚安装供货	Structure: (See P203-P204) Ordinary shaft extension foot installation (omitted) B5 flang einstallation F B5 flange and hollow shaft installation AF Hollow shaft installation A Hollow shaft installation with reverse rotary arm fixation AT B14 flange and hollow shaft installation AZ Expension plate installation H B5 flange and expansion plate installation HF B14 flange and expansion plate installation HZ Expension plate installation with reverse rotary arm fixation HT If there is no indication, the product is supplied according to ordinary shaft extension foot installation.
组合减速机及型号：见P216-P227页选型参数表	Combined speed reducer and type: see model selection parameter form on P216-P227
机型号：见P216-P229页选型参数表	Type: see model selection parameter form on P216-P229
电机类型代号： 普通电机 Y 防爆电机 YB 直流电机 Z 制动电机 YEJ 多速电机 YD 变频电机 YVP 冶金起重电机 YZ 变频制动电机 YVPEJ 辊道电机 YG	Codes for Motor Types: Ordinary Motor Y Flameproof Motor YB Direct current motor Z Brake Motor YEJ Multi-speed Motor YD Variable Frequency Motor YVP Metallurgy hoisting Motor YZ Transduction braking Motor YVPEJ Roll Motor YG
电机功率、极数：见P216-P227页选型参数表	Motor power、pole: see model selection parameter form on P216-P227
接线盒角度、进线口位置：未注明时接线盒角度180°、进线口位置X供货，见P210-P215页安装形式图	Angle of wiring box、wire inlet position: If there is no indication, the default angle of wiring box is 0°, and for thewire inlet position X, see installation form figure on Page P210-P215
输入轴型号：见P228-P229页选型参数表	Input shaft model: see model selection parameter form on P228-P229
联接法兰：AM1刚性联接 AM柔性联轴器联接（具体尺寸请与我公司技术部联系）	Coupling flange: AM1 rigid connection Connection of AM flexible coupler (Please contact the technical department of our company for size details)
传动比：见P216-P229页选型参数表	Ratio: see model selection parameter form on P216-P229
安装形式：M1、M2、M3、M4、M5、M6，未注明时M1供货，见P210-P215页安装形式图	Mounting position: M1、M2、M3、M4、M5、M6, If there is no indication, the product is supplied according to M1.see installation form figure on Page P210-P215
输出法兰外径：未注明时最小法兰供货，见P230-P236页安装尺寸图	Outer diameter of output flange: If there is no indication, the product is supplied according to the minimum flange. See installation size figure on Page P230-P236
输出轴或法兰方向：A、B、A+B，未注明时A供货，见P210-P215页安装形式图，胀紧盘输出端位置见P008页	Position of output shaft or flange: A、B、A+B，If there is no indication, the product is supplied according to direction A. See installation size figure on Page P210-P215, See Page P008 for position of output end of expansion plate.
输出轴孔径(输出法兰外径)：未注明时最小孔径(外径)供货见P230-P236页安装尺寸图	Bore diameter of output shaft (outside diameter of output flange):If there is no indication, the product is supplied according to the minimum bore diameter (outside diameter), see installation size figure on Page P230-P236

5.3 MN系列选型参数表释义 Model selection definition form of MN series

MN系列恒功率选型参数表 Constant power model selection parameter form of MN series

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P	输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.12KW						**0.12KW**					
0.12	4565	11267	0.90	MN 99 MD59	4P	6.9	93	201.00	1.80	MN 49	4P
0.14	3837	10078	0.95	MNF 99 MD59	4P	7.5	86	184.80	1.90	MNF 49	4P
0.16	3467	8609	1.15	MNA 99 MD59	4P	8.7	76	158.12	2.2	MNA 49	4P
0.18	3101	7584	1.30	MNAF 99 MD59	4P	10	67	137.06	2.5	MNAF 49	4P

注：0.12KW表示电机功率 Note: 0.12kW indicates motor power.

MN系列恒扭矩选型参数表 Constant torque model selection parameter form of MN series

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P	输出转速 Output speed r/min	传动比 Ratio i	机型号 Type	电动机功率 Power KW	极数 Pole P
92N·m					**185N·m**				
0.14	10037	MN 39 MD19	0.12	4P	1.4	956	MN 49 MD19	0.12	4P
0.16	8654	MNF 39 MD19	0.12	4P	1.6	857	MNF 49 MD19	0.12	4P
0.17	8066	MNA 39 MD19	0.12	4P	1.8	745	MNA 49 MD19	0.12	4P
0.20	7051	MNAF 39 MD19	0.12	4P	2.1	653	MNAF 49 MD19	0.12	4P
0.23	6079				2.4	576			
0.26	5431				2.7	511			

注：92N·m表示许用扭矩 Note: 185N·m indicates permissible torque.

MN系列输入轴型选型参数表 Model selection parameter form of input shaft type of MN series

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type	传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type
MN39 AD..., n = 1400 1/min			**92 N·m**		**MN49 AD..., n = 1400 1/min**			**170 N·m**	
144.40	9.7	92	0.19	MN 39 AD1	36.96	38	155	0.82	MN 49 AD2
122.94	11	91	0.22	MNF 39 AD1	33.00	42	155	0.91	MNF 49 AD2
108.00	13	88	0.23	MNA 39 AD1	28.19	50	155	1.0	MNA 49 AD2
98.80	14	87	0.25	MNAF 39 AD1	26.40	53	155	1.1	MNAF 49 AD2
86.36	16	86	0.27		22.24	63	152	1.3	
					21.75	64	110	0.80	
80.96	17	85	0.29	MN 39 AD1	18.48	76	110	1.0	
71.44	20	84	0.31	MNF 39 AD1	16.80	85	110	1.2	

注：MN39 AD...表示输入轴型型号，n = 1400 r/min表示输入转速，92 N·m表示该型号不同速比中最大的许用扭矩。

Note: MN39 AD... means input shaft type, n = 1400 r/min means input speed, 92 N·m indicates the maximum permissible torque under different speed ratios in the model.

1) 选型参数表中的机型可与表中的任一传动比搭配。

2) 选型参数表中的参数也适用于MNAZ、MNAT、MNH、MNHF、MNHZ、MNHT机型。

1) The machine types in the parameter selection list can match any transmission ratio in the column.

2) The parameters in this list also fits model MNAZ、MNAT、MNH、MNHF、MNHZ、MNHT.

5.4 MN系列输入功率及最大扭矩 Input power and maximum torque of MN series

规格 Size	39	49	59	69	79	89	99
结构形式 Structure	MN、MNA、MNF、MNAF、MNAT、MNAZ、MNHF、MNH、MNHT、MNHZ						
输入功率(kw) Input power rating	0.12~0.75	0.12~1.5	0.12~2.2	0.18~4.0	0.37~7.5	0.37~15	0.75~22
传动比 Ratio	10.27~157.43	11.12~201.00	10.78~201.09	10.65~217.41	11.38~256.47	11.13~302.40	11.33~266.40
最大扭矩*(N·m) Maximum torque	92	170	265	520	1270	2260	4800

*) 最大扭矩指该规格不同传动比对应的最大扭矩的最大值

*) The maximum torque indicates the maximum value of maximum torque corresponding to different transmission ratios in this specification.

5.5 MN系列主机重量表 Main machine weight form of MN series

型号 Type	MN39	MN49	MN59	MN69	MN79	MN89	MN99
重量(kg) Weight(kg)	11	17	22	29	49	91	156
型号 Type	MNF39	MNF49	MNF59	MNF69	MNF79	MNF89	MNF99
重量(kg) Weight(kg)	13	21	26	35	59	111	188
型号 Type	MNA39	MNA49	MNA59	MNA69	MNA79	MNA89	MNA99
重量(kg) Weight(kg)	11	18	22	30	49	88	153
型号 Type	MNAF39	MNAF49	MNAF59	MNAF69	MNAF79	MNAF89	MNAF99
重量(kg) Weight(kg)	12	20	25	34	55	104	178

注： 1)MNAZ、MNH、MNHZ、MNAT、MNHT与MNA主机重量近似。
2)MNHF与MNAF主机重量近似。

Note: 1)The weight of main machine of MNAZ、MNH、MNHZ、MNAT、MNHT is similar to that of MNA.
2)The weight of main machine of MNHF is similar to that of MNAF.

5.6 MN系列润滑油量表 Lubricating oil quantity form of MN series

MN..、MNF..

机型号 Gear mit type	润滑油量（升） Fill quantity in liters (L)					
	M1	M2	M3 1)	M4	M5	M6
MN.39	0.25	0.4	0.5	0.6	0.4	0.4
MN.49	0.35	0.8	0.7	1.1	0.5	0.8
MN.59	0.6	1.2	1	1.5	1.3	1.3
MN.69	1	2.0	2.2/3.1	3.2	2.6	2.6
MN.79	1.9	4.2	3.7/5.4	6	4.4	4.4
MN.89	3.3	8.1	6.9/10.4	12	8.4	8.4
MN.99	3.8	15	13.4/18	22.5	17	17

MNA..、MNAZ..、MNAF..、MNAT..、MNH..、MNHZ..、MNHF..、MNHT..

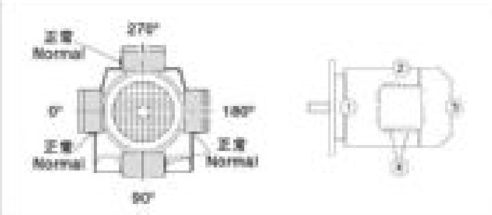
机型号 Gear mit type	润滑油量（升） Fill quantity in liters (L)					
	M1	M2	M3 1)	M4	M5	M6
MNA.39	0.25	0.4	0.5	0.6	0.4	0.4
MNA.49	0.4	0.8	0.7	1.1	0.8	0.8
MNA.59	0.5	1.1	1	1.6	1.2	1.2
MNA.69	1	2.0	1.8/2.6	2.9	2.5	2.5
MNA.79	1.8	3.9	3.6/5	6.9	4.5	4.5
MNA.89	3.8	7.4	6/8.7	11.2	8	8
MNA.99	7	14	11.4/16	21	15.7	15.7

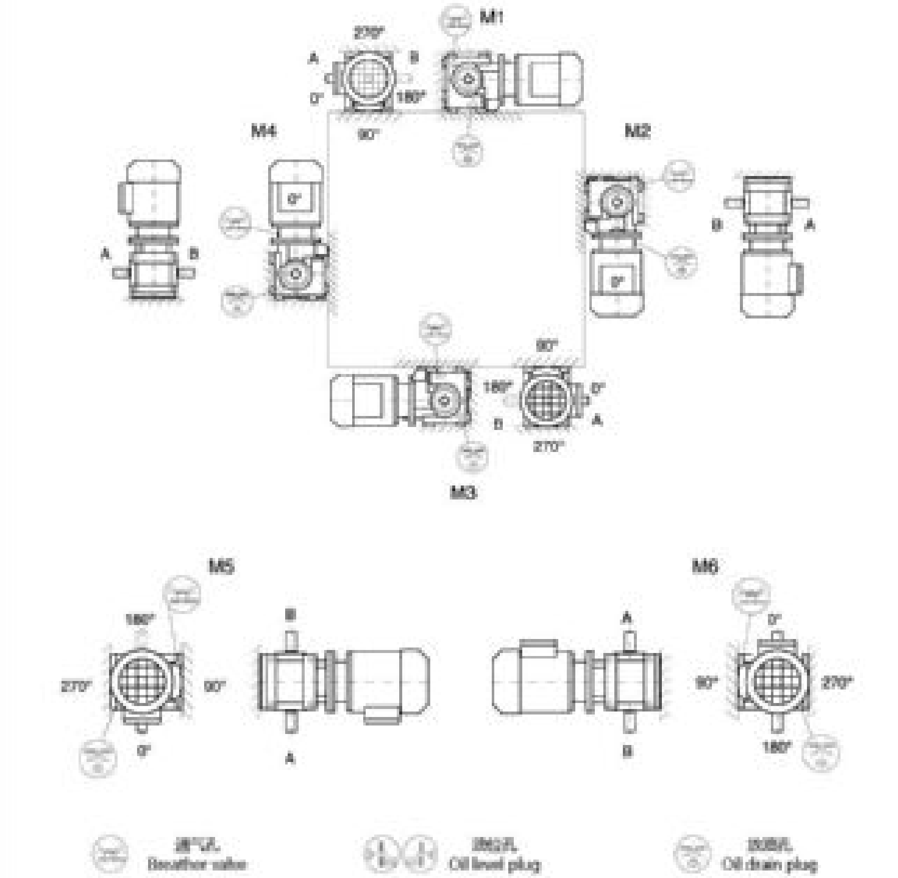
注：1) 表示减速机为组合型或减速箱时的加油量为大值。

Note: 1) The large gear unit of multi-stage gear units must be filled with the larger oil volume.

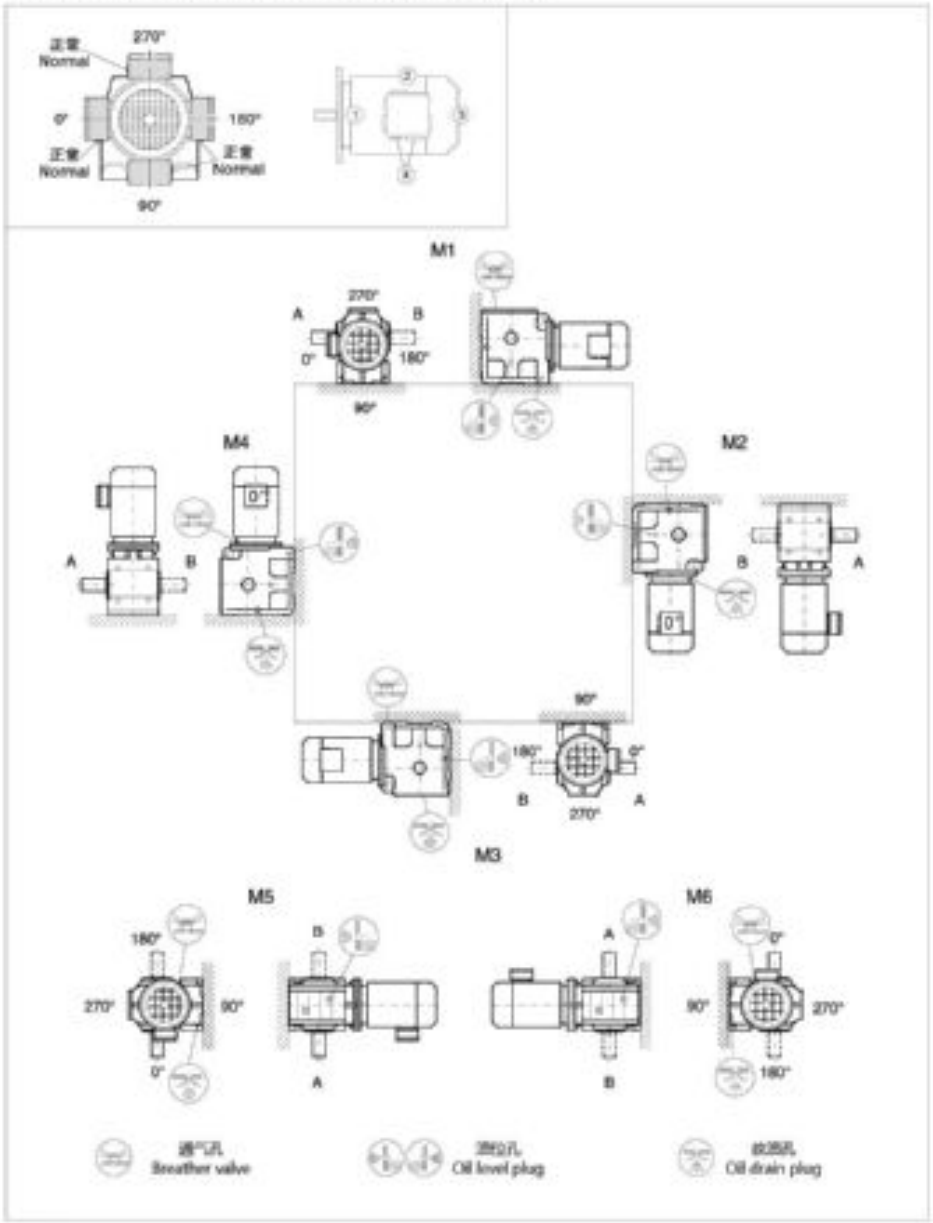
5.7 MN系列安装形式图 Installation form figure of MN series

MN39安装形式图 MN39 Mounting position example

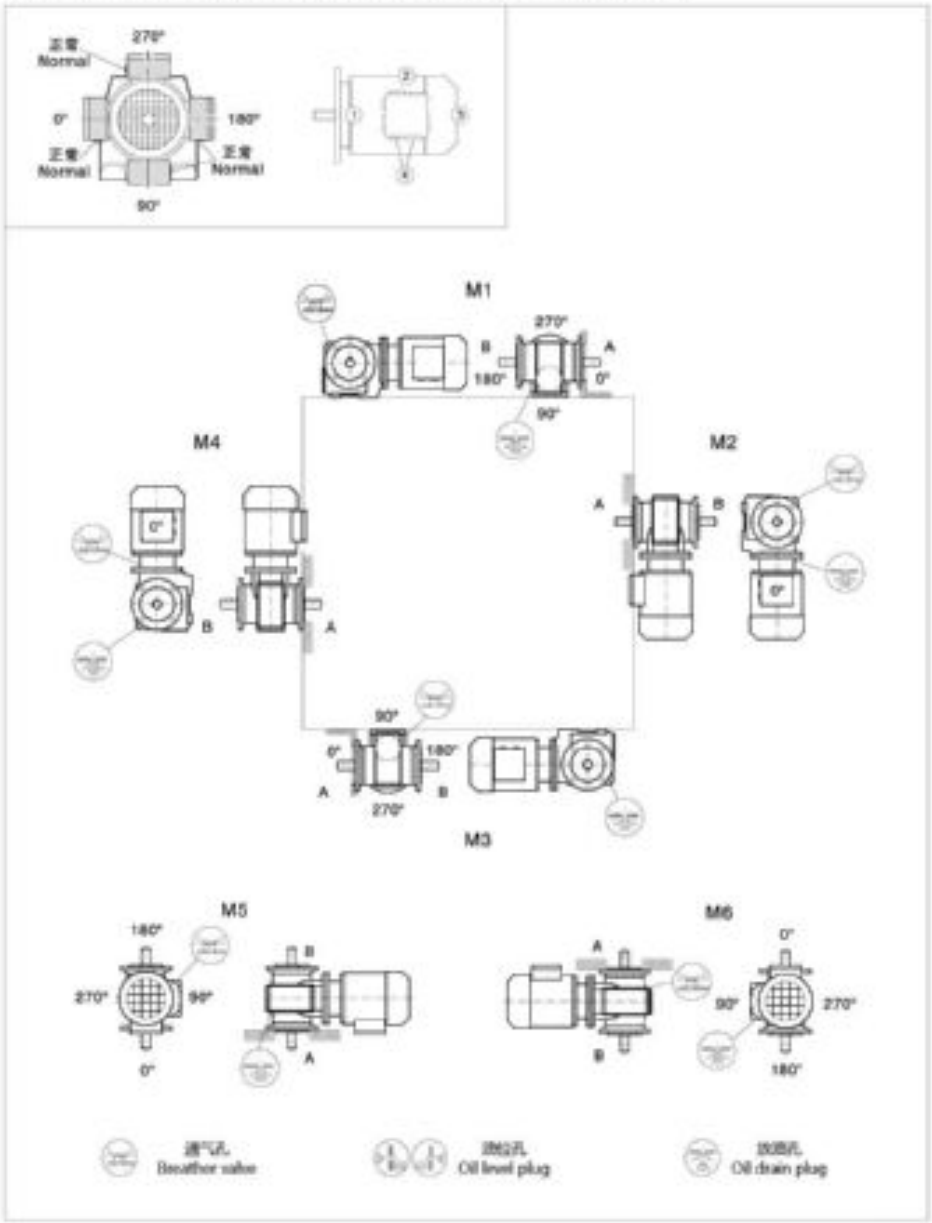




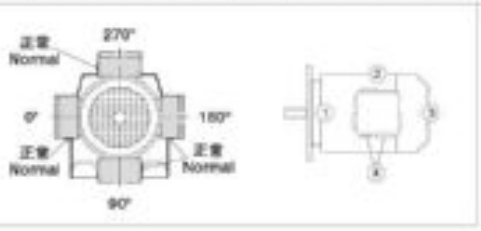
MN49-MN09 安装形式图 MN49-MN09 Mounting position example

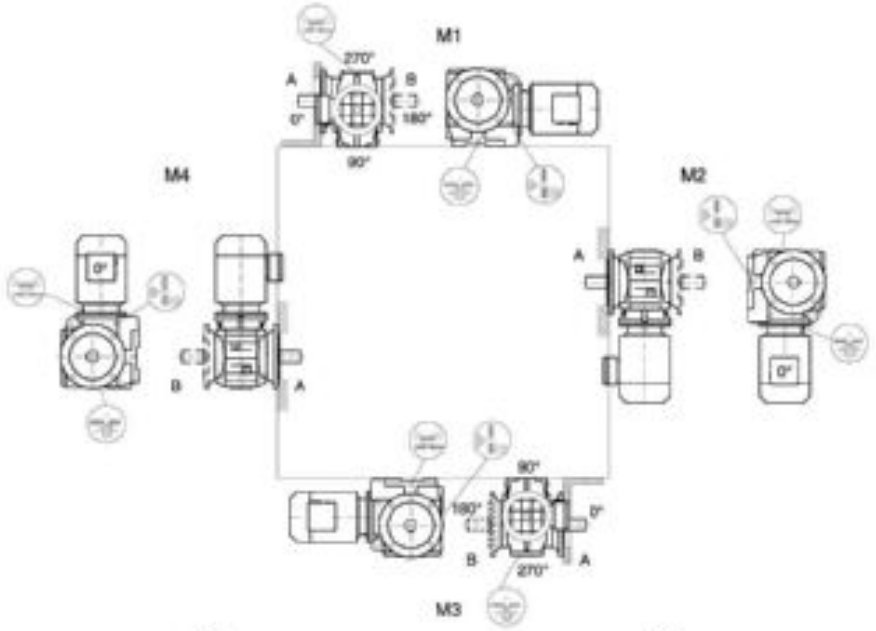


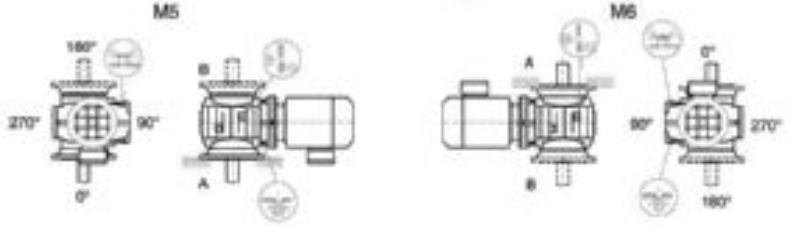
MNF/MNAF/MNHF39 安装形式图 MNF/MNAF/MNHF39 Mounting position example



MNF/MNAF/MNAZ/MNHF/MNHZ49-99 安装形式例
MNF/MNAF/MNAZ/MNHF/MNHZ49-99 Mounting position example

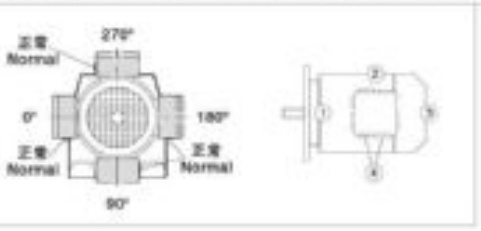


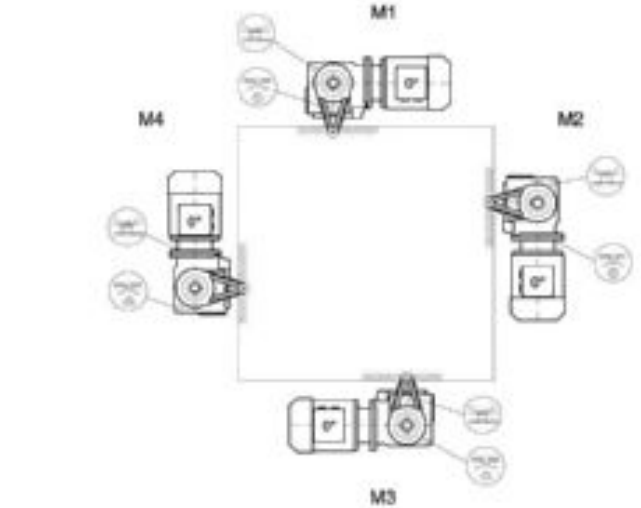


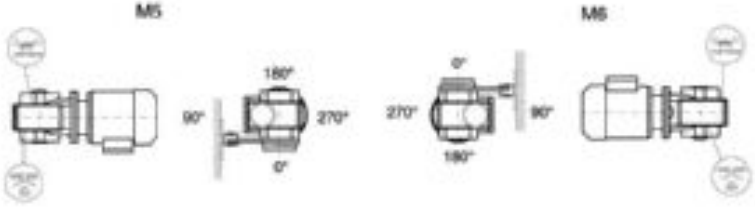


通气孔 Breather valve　　油位孔 Oil level plug　　放油孔 Oil drain plug

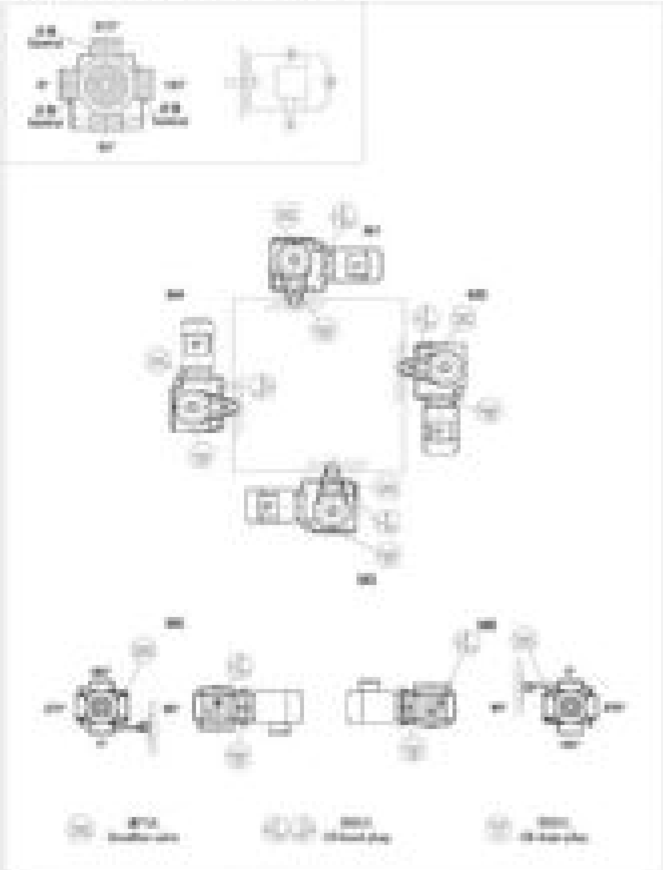
MNA39/MNAT39/MNH39/MNHT39 安装形式例
MNA39/MNAT39/MNH39/MNHT39 Mounting position example







通气孔 Breather valve　　油位孔 Oil level plug　　放油孔 Oil drain plug



输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.18KW					
3.0	355	435	0.85	MN 59-MD10	4P
3.3	315	394	0.95	MNF 59-MD10	4P
3.9	275	332	1.19	MNA 59-MD10	4P
4.5	240	293	1.25	MNAF 59-MD10	4P
4.9	225	271	1.30		
5.9	193	220	1.55		
6.4	174	206	1.75		
7.1	158	184	1.90		
4.6	235	290	0.89	MN 49-MD10	4P
5.1	192	256	1.15	MNF 49-MD10	4P
5.8	160	228	0.95	MNA 49-MD10	4P
6.6	167	199	1.19	MNAF 49-MD10	4P
7.0	156	186	1.20		
7.9	138	167	1.35		
8.9	124	149	1.50		
9.8	116	134	1.70		
4.6	247	217.41	2.2	MN 69	6P
4.8	237	196.11	2.5	MNF 69	6P
4.9	207	178.50	2.6	MNA 69	6P
				MNAF 69	6P
4.3	219	201.00	1.35	MN 59	6P
4.7	202	184.80	1.45	MNF 59	6P
5.5	175	158.12	1.65	MNA 59	6P
6.4	153	137.05	1.85	MNAF 59	6P
6.6	146	201.00	1.90	MN 59	4P
7.1	139	184.80	2.1	MNF 59	4P
8.3	121	158.12	2.4	MNA 59	4P
9.8	106	137.05	2.7	MNAF 59	4P
4.3	213	201.00	0.85	MN 49	6P
4.7	198	184.80	0.99	MNF 49	6P
5.5	172	158.12	1.00	MNA 49	6P
6.4	149	137.05	1.19	MNAF 49	6P
6.8	141	128.10	1.20		
6.6	145	201.00	1.15	MN 49	4P
7.1	136	184.80	1.25	MNF 49	4P
8.3	118	158.12	1.40	MNA 49	4P
9.8	104	137.05	1.60	MNAF 49	4P
10	100	128.10	1.65		
12	85	110.73	1.90		
14	74	94.08	2.2		
16	65	84.00	2.4		
18	59	71.75	2.8		
8.4	109	157.43	0.80	MN 39	4P
9.1	102	144.40	0.85	MNF 39	4P
11	86	122.94	1.00	MNA 39	4P
12	80	100.00	1.19	MNAF 39	4P
13	74	96.80	1.15		
15	65	88.36	1.25		
16	61	80.96	1.30		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.18KW					
18	55	71.44	1.45	MN 39	4P
21	48	63.33	1.60	MNF 39	4P
24	50	55.10	1.45	MNA 39	4P
26	43	46.91	1.60	MNAF 39	4P
32	38	40.45	1.85		
35	36	37.70	2.1		
40	31	32.95	2.2		
43	30	30.89	2.4		
49	26	27.28	2.5		
55	24	24.57	2.9		
65	20	20.54	3.1		
65	21	20.22	2.9		
70	20	18.55	2.5		
80	17	16.48	2.8		
88	15	15.45	3.2		
97	14	13.83	3.4		
109	13	12.86	3.6		
128	11	10.27	4.0		
0.25KW					
0.45	3638	3910	0.95	MN 69-MD5B	4P
0.50	2368	2574	1.00	MNF 69-MD5B	4P
0.55	2159	2357	1.10	MNA 69-MD5B	4P
0.64	1962	2007	1.25	MNAF 69-MD5B	4P
0.72	1704	1869	1.45		
0.81	1528	1617	1.60		
1.4	915	824	2.7		
1.4	1102	962	1.00	MN 79-MD3B	4P
1.6	967	833	1.10	MNF 79-MD3B	4P
1.8	872	760	1.35	MNA 79-MD3B	4P
2.0	802	534	1.50	MNAF 79-MD3B	4P
2.3	686	571	1.65		
2.6	614	498	1.95		
2.4	542	544	0.85	MN 69-MD3B	4P
2.8	550	466	1.00	MNF 69-MD3B	4P
3.1	495	424	1.15	MNA 69-MD3B	4P
3.5	440	373	1.30	MNAF 69-MD3B	4P
4.1	380	326	1.50		
4.6	335	291	1.76		
4.4	345	293	0.85	MN 59-MD10	4P
4.8	329	271	0.95	MNF 59-MD10	4P
5.8	275	225	1.10	MNA 59-MD10	4P
6.3	259	206	1.20	MNAF 59-MD10	4P
7.0	230	184	1.39		
8.0	200	163	1.59		
10	162	136	1.85		
3.1	431	217.41	1.30	MN 69	6P
3.6	379	196.11	1.45	MNF 69	6P
3.8	357	176.50	1.50	MNA 69	6P
4.3	321	158.45	1.70	MNAF 69	6P
4.0	344	217.41	1.60	MN 69	6P
4.6	302	196.11	1.80	MNF 69	6P
5.0	282	176.50	1.90	MNA 69	6P
5.5	257	158.45	2.1	MNAF 69	6P
6.0	237	217.41	2.1	MN 69	4P
6.6	212	196.11	2.4	MNF 69	4P
7.3	200	176.50	2.5	MNA 69	4P
8.2	179	158.45	2.9	MNAF 69	4P
9.7	153	134.49	3.2		
11	137	121.33	3.5		
12	127	106.75	4.0		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.25KW					
4.4	298	291.00	1.00	MN 59	6P
4.8	275	184.80	1.05	MNF 59	6P
5.6	239	158.12	1.25	MNA 59	6P
6.4	212	137.05	1.35	MNAF 59	6P
6.9	196	128.10	1.45		
6.5	299	291.00	1.30	MN 59	4P
7.6	196	184.80	1.45	MNF 59	4P
8.2	170	158.12	1.70	MNA 59	4P
9.5	149	137.05	1.99	MNAF 59	4P
10	142	128.10	2.0		
12	120	110.73	2.3		
14	105	94.08	2.7		
15	99	84.00	2.9		
8.5	266	291.00	0.60	MN 49	4P
7.0	191	184.80	0.85	MNF 49	4P
8.2	166	158.12	1.00	MNA 49	4P
9.5	146	137.05	1.10	MNAF 49	4P
10	139	128.10	1.20		
12	116	110.73	1.35		
14	102	94.08	1.55		
15	96	84.00	1.70		
18	82	71.75	1.95		
19	78	67.20	2.1		
21	65	62.12	1.78		
24	72	53.64	2.0		
25	68	50.33	2.3		
13	103	98.80	0.80	MN 39	4P
15	91	86.36	0.00	MNF 39	4P
16	85	80.96	0.95	MNA 39	4P
18	77	71.44	1.05	MNAF 39	4P
21	67	63.33	1.10		
23	72	55.10	1.05		
27	62	46.91	1.85		
32	53	40.45	1.39		
35	50	37.70	1.45		
39	44	32.95	1.55		
42	42	30.89	1.79		
47	37	27.28	1.89		
54	33	24.57	2.0		
64	28	20.54	2.2		
64	30	20.22	1.65		
69	28	18.85	1.89		
79	25	16.48	2.0		
84	22	15.45	2.3		
95	20	13.83	2.4		
107	18	12.86	2.7		
127	16	10.27	2.8		
0.37KW					
0.68	2659	2837	0.90	MN 69-MD5B	4P
0.77	2370	1809	1.00	MNF 69-MD5B	4P
0.86	2342	1617	1.10	MNA 69-MD5B	4P
1.5	1272	808	1.85	MNAF 69-MD5B	4P
1.7	1144	838	2.1		
1.9	1220	716	0.95	MN 79-MD3B	4P
2.2	823	634	1.05	MNF 79-MD3B	4P
2.4	978	571	1.15	MNA 79-MD3B	4P
2.8	846	498	1.35	MNAF 79-MD3B	4P
3.1	764	436	1.55		
3.6	672	389	1.75		
3.7	625	373	0.90	MN 69-MD3B	4P
4.3	545	328	1.05	MNF 69-MD3B	4P
4.9	480	281	1.20	MNA 69-MD3B	4P
5.6	436	249	1.39	MNAF 69-MD3B	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.37KW					
2.3	665	802.40	2.5	MN 89	6P
2.5	621	271.09	2.8	MNF 89	6P
3.0	697	233.52	3.2	MNA 89	6P
				MNAF 89	6P
3.8	625	225.26	1.75	MN 79	6P
3.2	585	212.00	1.80	MNF 79	6P
3.6	531	189.69	2.0	MNA 79	6P
4.2	463	161.63	2.3	MNAF 79	6P
3.5	544	256.47	2.0	MN 79	6P
4.0	483	225.26	2.2	MNF 79	6P
4.2	459	212.00	2.3	MNA 79	6P
				MNAF 79	6P
4.1	497	217.41	1.90	MN 69	6P
4.7	439	196.91	1.25	MNF 69	6P
5.1	410	176.58	1.30	MNA 69	6P
5.7	366	158.45	1.45	MNAF 69	6P
6.4	332	217.41	1.50	MN 69	4P
7.3	295	196.91	1.70	MNF 69	4P
7.7	281	176.58	1.75	MNA 69	4P
8.7	258	158.45	2.0	MNAF 69	4P
10	221	134.49	2.3		
11	203	121.33	2.5		
5.7	348	158.12	0.80	MN 59	6P
6.6	305	137.05	0.95	MNF 59	6P
7.0	290	128.10	1.00	MNA 59	6P
8.1	255	110.73	1.10	MNAF 59	6P
9.6	218	94.08	1.30		
11	193	84.00	1.45		
6.9	293	201.00	0.95	MN 59	4P
7.5	273	184.80	1.05	MNF 59	4P
8.7	239	158.12	1.20	MNA 59	4P
10	210	137.05	1.35	MNAF 59	4P
11	193	128.10	1.45		
12	178	110.73	1.65		
15	147	94.08	1.90		
16	139	84.00	2.1		
18	110	71.75	2.4		
21	106	67.20	2.5		
10	300	137.05	0.80	MN 49	4P
11	188	128.10	0.95	MNF 49	4P
12	174	110.73	0.95	MNA 49	4P
15	143	94.08	1.10	MNAF 49	4P
16	135	84.00	1.20		
18	116	71.75	1.40		
21	106	67.20	1.50		
23	105	62.12	1.25		
25	103	53.64	1.40		
27	96	50.33	1.60		
32	84	43.50	1.75		
37	72	36.00	2.0		
41	65	33.00	2.3		
49	55	28.19	2.8		
53	52	26.40	3.0		
62	45	22.34	3.1		
64	48	21.75	2.4		
74	39	18.48	2.8		
84	35	16.50	3.0		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.37KW					
22	95	63.33	0.80	MN 39	4P
30	86	46.91	0.80	MNF 39	4P
35	74	40.45	0.95	MNA 39	4P
37	70	37.70	1.05	MNAF 39	4P
42	62	32.95	1.19		
45	58	30.89	1.20		
51	52	27.26	1.30		
57	47	24.17	1.40		
67	40	20.54	1.55		
68	42	20.22	1.20		
78	39	18.85	1.30		
84	34	16.48	1.45		
89	30	15.45	1.60		
103	29	13.63	1.70		
115	25	12.08	1.95		
134	22	10.27	2.6		
0.55KW					
1.0	2774	1336	0.90	MN 69 MD59	4P
1.1	2541	1196	0.95	MNF 69 MD59	4P
1.3	2120	1033	1.19	MNA 69 MD59	4P
1.5	1891	926	1.20	MNAF 69 MD59	4P
1.6	1796	831	1.35		
1.9	1547	721	1.55		
2.2	1388	628	1.75		
2.4	1280	554	1.95		
3.1	982	431	2.4		
3.1	1139	430	1.90	MN 79 MD39	4P
3.5	1025	391	1.15	MNF 79 MD39	4P
4.2	868	327	1.35	MNA 79 MD39	4P
4.7	772	291	1.50	MNAF 79 MD39	4P
5.4	679	249	1.70		
5.5	680	248	0.95	MN 69 MD39	4P
6.1	590	223	0.95	MNF 69 MD39	4P
6.9	535	199	1.95	MNA 69 MD39	4P
8.0	460	179	1.25	MNAF 69 MD39	4P
2.3	1315	302.46	1.70	MN 69	6P
2.5	1220	271.09	1.85	MNF 69	6P
3.0	1037	233.52	2.1	MNA 69	6P
				MNAF 69	6P
3.0	1037	302.46	2.2	MN 69	6P
3.3	928	271.09	2.4	MNF 69	6P
3.8	823	233.52	2.7	MNA 69	6P
4.2	716	213.11	2.9	MNAF 69	6P
3.0	930	225.26	1.15	MN 79	6P
3.2	869	212.00	1.20	MNF 79	6P
3.6	769	189.09	1.35	MNA 79	6P
4.2	688	161.60	1.55	MNAF 79	6P
3.5	899	256.47	1.35	MN 79	6P
4.0	719	225.26	1.50	MNF 79	6P
4.2	683	212.00	1.65	MNA 79	6P
4.8	614	189.09	1.75	MNAF 79	6P
5.6	533	161.60	2.0		
5.3	560	256.47	1.80	MN 79	4P
6.0	500	225.26	2.2	MNF 79	4P
6.5	468	212.00	2.3	MNA 79	4P
7.2	425	189.09	2.5	MNAF 79	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.55KW					
6.3	500	217.41	1.00	MN 69	4P
7.2	445	190.11	1.50	MNF 69	4P
7.9	423	178.56	1.55	MNA 69	4P
8.8	377	158.45	1.30	MNAF 69	4P
10	326	134.46	1.55		
11	301	126.33	1.65		
13	260	108.75	1.85		
13	260	106.60	1.95		
16	218	85.63	2.3		
19	203	78.99	2.1		
21	188	65.88	2.4		
9.6	324	84.08	0.85	MN 59	6P
11	286	84.00	0.95	MNF 59	6P
13	247	71.75	1.10	MNA 59	6P
13	247	67.20	1.15	MNAF 59	6P
17	229	52.21	1.10		
19	210	48.80	1.25		
21	185	42.16	1.35		
26	153	35.84	1.55		
8.8	369	158.12	0.80	MN 59	4P
9.9	335	137.05	0.90	MNF 59	4P
11	286	138.10	0.95	MNA 59	4P
12	265	110.73	1.10	MNAF 59	4P
14	231	94.08	1.25		
16	206	84.00	1.40		
18	176	71.75	1.55		
20	168	67.20	1.65		
26	150	52.21	1.45		
28	140	48.80	1.70		
33	123	42.16	1.88		
38	105	35.84	2.1		
43	86	32.00	2.4		
50	82	27.33	2.7		
53	77	25.60	3.1		
63	66	21.57	3.3		
65	68	21.89	2.4		
16	260	84.00	0.60	MN 49	4P
18	172	71.75	0.95	MNF 49	4P
20	165	67.20	1.00	MNA 49	4P
25	153	53.64	0.95	MNAF 49	4P
27	143	56.33	1.10		
32	125	43.50	1.15		
37	107	36.90	1.30		
41	97	33.00	1.55		
46	84	28.10	1.70		
52	38	26.40	3.0		
62	67	22.24	2.1		
63	69	21.75	1.65		
73	39	18.48	1.55		
83	53	16.50	1.95		
97	45	14.89	2.3		
103	42	13.39	2.6		
122	36	11.12	2.9		
44	88	30.89	0.80	MN 39	4P
50	79	27.26	0.85	MNF 39	4P
57	68	24.17	0.95	MNA 39	4P
68	60	20.54	1.05	MNAF 39	4P
73	37	18.85	1.2		
83	52	16.48	0.95		
86	46	15.45	1.10		
100	43	13.63	1.15		
113	37	12.08	1.30		
132	33	10.27	1.35		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.75KW					
11	4568	1229	0.65	MN 69 MD59	4P
13	3843	1073	1.00	MNF 69 MD59	4P
15	3331	924	1.15	MNA 69 MD59	4P
17	2987	828	1.30	MNAF 69 MD59	4P
19	2744	754	1.05		
22	2326	627	1.70		
26	1972	536	1.95		
29	1768	485	2.2		
13	2959	1033	0.80	MN 69 MD59	4P
15	2579	928	0.90	MNF 69 MD59	4P
17	2329	831	1.05	MNA 69 MD59	4P
19	2100	721	1.15	MNAF 69 MD59	4P
22	1845	628	1.39		
25	1710	554	1.45		
32	1301	431	1.75		
43	1070	322	2.2		
42	1072	327	1.00	MN 79 MD39	4P
48	1032	288	1.10	MNF 79 MD39	4P
55	911	249	1.25	MNA 79 MD39	4P
63	803	218	1.40	MNAF 79 MD39	4P
24	1884	286.46	2.1	MN 69	6P
26	1675	262.22	2.2	MNF 69	6P
30	1470	231.67	2.5	MNA 69	6P
				MNAF 69	6P
30	1414	302.46	1.65	MN 69	6P
33	1285	271.09	1.75	MNF 69	6P
38	1122	233.52	1.95	MNA 69	6P
42	1021	213.11	2.1	MNAF 69	6P
46	955	302.46	2.2	MN 69	4P
51	856	271.09	2.4	MNF 69	4P
59	754	233.52	2.6	MNA 69	4P
65	693	213.11	3.0	MNAF 69	4P
40	966	225.26	1.10	MN 79	6P
42	931	212.00	1.15	MNF 79	6P
48	837	189.09	1.30	MNA 79	6P
56	726	161.60	1.45	MNAF 79	6P
54	751	256.47	1.40	MN 79	4P
61	672	225.26	1.60	MNF 79	4P
66	629	212.00	1.70	MNA 79	4P
73	571	189.09	1.90	MNAF 79	4P
85	492	161.60	2.2		
94	461	146.67	2.3		
11	389	130.06	2.5		
11	396	121.36	2.6		
13	344	107.63	2.9		
73	596	190.11	0.85	MN 69	4P
77	570	178.56	0.85	MNF 69	4P
87	509	158.45	1.00	MNA 69	4P
10	448	134.46	1.95	MNAF 69	4P
11	481	121.33	1.25		
13	354	106.75	1.49		
14	332	100.86	1.43		
16	294	85.63	1.70		
19	277	78.99	1.55		
21	256	65.86	1.75		
23	238	58.48	1.85		
28	198	49.60	2.1		
31	177	44.78	2.4		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
0.75KW					
10	336	71.75	0.80	MN 59	6P
10	336	67.20	0.85	MNF 59	6P
11	281	56.61	1.00	MNA 59	6P
11	286	48.80	0.90	MNAF 59	6P
21	253	42.16	1.00		
12	361	110.73	0.80	MN 59	4P
15	297	94.08	0.95	MNF 59	4P
16	281	84.00	1.05	MNA 59	4P
18	248	71.75	1.15	MNAF 59	4P
21	219	67.20	1.20		
26	205	52.21	1.10		
28	192	48.80	1.25		
33	167	42.16	1.35		
38	143	35.84	1.50		
43	139	32.00	1.80		
51	110	27.33	2.0		
54	103	25.60	2.3		
63	89	21.57	2.5		
68	91	21.89	1.80		
77	78	17.92	2.1		
86	78	15.00	2.3		
101	60	13.67	2.6		
27	194	50.33	0.80	MN 49	4P
32	170	43.50	0.85	MNF 49	4P
37	145	36.90	1.00	MNA 49	4P
41	132	33.00	1.15	MNAF 49	4P
48	112	28.10	1.25		
53	105	26.40	1.40	MN 49	4P
62	91	22.24	1.55	MNF 49	4P
64	93	21.75	1.20	MNA 49	4P
74	80	18.48	1.35	MNAF 49	4P
84	71	16.50	1.45		
96	61	14.89	1.65		
105	56	13.20	1.65		
124	49	11.12	2.3		
73	79	18.85	0.65	MN 39	4P
84	69	16.48	0.80	MNF 39	4P
89	65	15.45	0.95	MNA 39	4P
102	57	13.63	0.85	MNAF 39	4P
115	50	12.08	0.95		
134	44	10.27	1.00		
1.1KW					
17	4381	926	0.90	MN 69 MD59	4P
20	3136	756	1.20	MNF 69 MD59	4P
22	3411	627	1.15	MNA 69 MD59	4P
26	2892	536	1.35	MNAF 69 MD59	4P
29	2622	485	1.50		
33	2317	420	1.70		
22	2726	628	0.90	MN 69 MD39	4P
25	2529	554	0.95	MNF 69 MD59	4P
29	2269	481	1.10	MNA 69 MD59	4P
32	1908	431	1.20	MNAF 69 MD59	4P
37	1810	378	1.35		
43	1570	322	1.55		
50	1380	281	1.75		
55	1383	254	1.35		
63	1214	221	1.55		
68	1128	204	1.65		
84	1003	218	1.00	MN 79 MD39	4P
				MNF 79 MD39	4P
				MNA 79 MD39	4P
				MNAF 79 MD39	4P

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
1.1KW					
2.3	2752	260.40	1.35	MN 99	6P
2.6	2457	262.22	1.50	MNF 99	6P
2.9	2224	231.67	1.65	MNA 99	6P
3.4	1937	196.52	1.90	MNAF 99	6P
3.2	2035	260.40	1.80	MN 99	6P
3.5	1878	262.22	1.95	MNF 99	6P
4.0	1664	231.67	2.2	MNA 99	6P
				MNAF 99	6P
3.6	2014	382.40	1.18	MN 69	6P
3.8	1930	271.09	1.20	MNF 69	6P
3.9	1919	233.52	1.35	MNA 69	6P
4.3	1663	213.11	1.45	MNAF 69	6P
4.7	1374	302.40	1.50	MN 69	4P
5.1	1256	271.09	1.65	MNF 69	4P
6.0	1090	233.52	1.90	MNA 69	4P
6.6	1004	213.11	2.1	MNAF 69	4P
7.4	899	189.00	2.2		
8.8	778	168.67	2.6		
6.2	971	225.26	1.18	MN 79	4P
6.6	923	212.00	1.15	MNF 79	4P
7.4	830	189.09	1.30	MNA 79	4P
8.7	721	161.68	1.50	MNAF 79	4P
9.9	663	146.67	1.62		
11	586	133.00	1.75		
11	596	125.20	1.80		
13	504	107.83	2.6		
14	472	97.14	2.5		
16	421	85.22	2.3		
12	558	121.33	0.85	MN 69	4P
13	520	100.75	0.95	MNF 69	4P
14	467	103.80	1.00	MNA 69	4P
16	431	85.83	1.15	MNAF 69	4P
18	387	79.00	1.30		
21	376	65.88	1.20		
23	337	58.48	1.25		
26	260	49.69	1.45		
31	260	44.79	1.65		
35	231	39.49	1.85		
38	210	37.20	2.1		
44	187	31.67	2.2		
48	171	28.79	2.6		
26	336	71.75	0.88	MN 59	4P
21	322	67.20	0.85	MNF 59	4P
25	276	58.61	0.90	MNA 59	4P
29	272	48.89	0.85	MNAF 59	4P
34	238	42.18	0.99	MN 59	4P
39	205	35.84	1.05	MNF 59	4P
44	186	32.00	1.25	MNA 59	4P
54	161	27.33	1.35	MNAF 59	4P
55	149	25.80	1.60		
65	129	21.57	1.70		
76	113	17.92	1.45		
87	101	16.05	1.55		
102	87	13.67	1.75		
110	81	12.80	2.1		
130	69	10.78	2.3		
49	164	28.19	0.99	MN 49	4P
53	152	26.49	1.00	MNF 49	4P
63	131	22.24	1.05	MNA 49	4P
75	118	18.48	0.95	MNAF 49	4P
85	103	16.50	1.00		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
1.1KW					
99	89	14.09	1.15	MN 49	4P
108	81	13.20	1.35	MNF 49	4P
126	70	11.12	1.58	MNA 49	4P
				MNAF 49	4P
1.5KW					
2.6	4279	714	0.80	MN 99 MD59	4P
2.2	4654	627	0.95	MNF 99 MD59	4P
2.6	3944	536	1.00	MNA 99 MD59	4P
2.9	3578	485	1.10	MNAF 99 MD59	4P
3.4	3072	420	1.25		
3.8	2755	374	1.40		
4.3	2463	326	1.60		
2.9	3666	481	0.80	MN 99 MD59	4P
3.2	3662	431	0.95	MNF 99 MD59	4P
3.7	2470	326	1.00	MNA 99 MD59	4P
4.4	2159	322	1.10	MNAF 99 MD59	4P
5.0	1896	281	1.25		
5.5	1686	254	1.00		
6.4	1530	221	1.10		
6.9	1517	264	1.20		
2.4	3607	266.40	1.05	MN 99	6P
2.7	3237	262.22	1.15	MNF 99	6P
3.0	2941	231.67	1.25	MNA 99	6P
3.6	2498	196.52	1.45	MNAF 99	6P
3.2	2774	266.40	1.35	MN 99	6P
3.5	2561	262.22	1.45	MNF 99	6P
4.0	2279	231.67	1.65	MNA 99	6P
4.7	1954	196.52	1.90	MNAF 99	6P
4.9	1889	266.40	1.00	MN 99	4P
5.4	1720	262.22	2.0	MNF 99	4P
6.1	1541	231.67	2.3	MNA 99	4P
7.2	1309	196.52	2.7	MNAF 99	4P
3.4	2467	271.09	0.90	MN 69	6P
3.9	2195	233.52	1.00	MNF 69	6P
4.3	3622	213.11	1.10	MNA 69	6P
4.9	1666	189.00	1.20	MNAF 69	6P
4.7	1674	302.40	1.10	MN 69	4P
5.3	1684	271.09	1.20	MNF 69	4P
6.0	1486	233.52	1.40	MNA 69	4P
6.7	1351	213.11	1.50	MNAF 69	4P
7.4	1226	189.06	1.65		
8.9	1001	158.82	1.90		
9.5	884	146.66	2.0		
10	801	129.65	2.2		
12	774	115.02	2.4		
13	724	104.22	2.5		
7.5	1116	189.09	0.95	MN 79	4P
8.7	983	161.00	1.10	MNF 79	4P
9.6	905	146.67	1.15	MNA 79	4P
11	799	136.06	1.30	MNAF 79	4P
11	799	123.20	1.35		
13	688	107.83	1.45		
15	607	97.14	1.60		
17	545	85.22	1.78		
19	573	75.84	1.78		
21	458	66.57	2.0		
21	509	64.64	2.0		
25	397	56.02	2.3		
24	461	58.67	2.3		
26	482	52.00	2.5		
29	363	49.28	2.9		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
1.5KW					
16	586	85.83	0.85	MN 69	4P
18	528	78.00	0.95	MNF 69	4P
21	502	65.88	0.90	MNA 69	4P
				MNAF 69	4P
25	441	58.48	0.95	MN 69	4P
29	382	49.60	1.05	MNF 69	4P
31	354	44.78	1.25	MNA 69	4P
36	307	39.40	1.35	MNAF 69	4P
38	296	37.20	1.55		
45	249	31.67	1.69		
49	229	28.79	1.85		
56	203	24.93	2.1		
57	209	24.80	1.55		
63	196	22.39	1.69		
71	169	19.70	1.85		
76	159	18.68	2.1		
89	137	15.84	2.4		
99	124	14.39	2.7		
44	254	32.00	0.90	MN 59	4P
52	215	27.33	1.00	MNF 59	4P
55	204	25.60	1.15	MNA 59	4P
66	173	21.57	1.25	MNAF 59	4P
79	153	17.92	1.05		
89	136	16.06	1.15		
103	118	13.67	1.30		
111	110	12.80	1.55		
133	93	10.78	1.70		
100	120	14.09	0.85	MN 49	4P
107	110	13.29	1.00	MNF 49	4P
127	95	11.12	1.00	MNA 49	4P
				MNAF 49	4P
2.2KW					
3.4	4586	420	0.85	MN 99 MD59	4P
3.8	4041	374	0.95	MNF 99 MD59	4P
4.3	3613	326	1.05	MNA 99 MD59	4P
4.9	3212	292	1.20	MNAF 99 MD59	4P
5.6	2804	251	1.40		
3.3	3958	266.40	0.95	MN 99	6P
3.6	3663	262.22	1.00	MNF 99	6P
4.1	3253	231.67	1.15	MNA 99	6P
4.8	2810	196.52	1.39	MNAF 99	6P
4.9	2758	266.40	1.35	MN 99	4P
5.4	2523	262.22	1.49	MNF 99	4P
6.1	2260	231.67	1.55	MNA 99	4P
7.2	1950	196.52	1.69	MNAF 99	4P
7.8	1816	180.95	1.86		
8.7	1641	161.74	2.1		
9.7	1484	145.66	2.2		
11	1324	131.85	2.4		
12	1224	116.02	2.6		
13	1148	105.71	2.8		
15	952	89.60	3.1		
5.2	2469	271.09	0.85	MN 69	4P
6.0	2150	233.52	0.95	MNF 69	4P
6.7	1981	213.11	1.05	MNA 69	4P
7.4	1799	189.06	1.10	MNAF 69	4P
8.9	1542	158.82	1.30		
9.5	1444	146.66	1.35		
10	1322	129.65	1.59		
12	1135	115.02	1.69		
13	1062	104.22	1.75		
15	944	90.40	1.99		
17	847	81.18	1.58		
17	852	81.00	2.0		
20	638	72.00	1.75		
23	787	60.52	1.99		
26	648	55.62	2.1		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
2.2KW					
11	1171	136.66	0.95	MN 79	4P
11	1171	123.20	0.90	MNF 79	4P
13	1009	107.83	1.00	MNA 79	4P
15	850	97.14	1.10	MNAF 79	4P
17	799	85.22	1.15		
19	728	75.20	1.30		
21	671	66.67	1.40		
21	748	64.64	1.35		
25	582	56.02	1.55		
24	678	58.67	1.60		
28	590	52.00	1.75		
29	560	49.28	1.95		
32	500	43.13	2.1		
36	456	38.86	2.3		
42	399	34.00	2.6		
47	357	30.08	2.8		
53	323	26.67	3.1		
62	275	22.17	2.3		
65	273	21.57	2.5		
31	520	44.78	0.85	MN 69	4P
36	450	39.40	0.95	MNF 69	4P
38	433	37.20	1.05	MNA 69	4P
45	366	31.67	1.93	MNAF 69	4P
46	338	28.76	1.30		
56	288	24.93	1.40		
65	263	21.70	1.60		
71	248	19.70	1.20		
76	233	18.60	1.40		
89	201	15.84	1.60		
98	182	14.39	1.65		
113	159	12.47	1.95		
130	139	10.85	2.3		
103	172	13.67	0.90	MN 59	4P
111	161	12.80	1.05	MNF 59	4P
131	137	10.78	1.15	MNA 59	4P
				MNAF 59	4P
3KW					
4.9	4389	266	0.90	MN 99 MD59	4P
5.6	3824	264	1.00	MNF 99 MD59	4P
6.4	3365	218	1.15	MNA 99 MD59	4P
				MNAF 99 MD59	4P
4.9	3766	266.40	0.95	MN 99	4P
5.3	3500	262.22	1.00	MNF 99	4P
6.9	3128	231.67	1.15	MNA 99	4P
7.1	2693	196.52	1.30	MNAF 99	4P
7.7	2506	180.95	1.40		
8.7	2257	161.74	1.50		
9.6	2043	145.60	1.65		
11	1865	134.65	1.75		
12	1670	110.02	1.90		
13	1555	105.71	2.0		
16	1299	89.60	2.2		
16	1279	76.90	2.2		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
3KW					
7.4	2453	189.00	0.89	MN 60	4P
8.8	2122	156.67	0.95	MNF 60	4P
9.5	1989	146.00	1.00	MNA 60	4P
10	1803	129.65	1.15	MNAF 60	4P
12	1548	115.92	1.15		
13	1449	104.22	1.25		
15	1287	90.46	1.43		
17	1291	81.19	1.19		
17	1162	81.00	1.50		
20	1140	72.09	1.25		
23	995	63.52	1.40		
26	853	55.62	1.55		
28	699	49.39	1.85		
32	718	44.10	2.0		
35	650	39.70	2.2		
41	574	34.48	2.5		
16	1147	85.22	0.85	MN 70	4P
19	999	75.20	0.95	MNF 70	4P
21	915	66.67	1.00	MNA 70	4P
21	1018	64.64	1.00	MNAF 70	4P
25	793	58.92	1.19	MN 70	4P
24	922	58.67	1.15	MNF 70	4P
27	832	52.00	1.25	MNA 70	4P
28	770	49.28	1.43	MNAF 70	4P
32	691	43.13	1.50		
36	624	38.86	1.70		
41	556	34.09	1.85		
46	496	30.08	2.0		
53	441	26.67	2.2		
62	375	22.77	1.85		
65	372	21.57	3.80		
72	336	19.43	2.0		
82	299	17.04	2.2		
93	264	15.04	2.5		
105	236	13.33	2.7		
123	203	11.38	3.1		
44	516	31.67	0.89	MN 60	4P
48	467	29.79	0.95	MNF 60	4P
56	406	24.93	1.05	MNA 60	4P
				MNAF 60	4P
65	358	21.70	1.20	MN 60	4P
71	338	19.70	0.99	MNF 60	4P
75	320	19.00	1.05	MNA 60	4P
89	274	15.64	1.15	MNAF 60	4P
97	251	14.39	1.35		
112	219	12.47	1.40		
129	192	10.85	1.65		
4KW					
6.5	4421	218	0.85	MN 90 MD59	4P
				MNF 90 MD59	4P
				MNA 90 MD59	4P
				MNAF 90 MD59	4P
6.1	4189	231.67	0.85	MN 90	4P
7.2	3548	196.52	1.00	MNF 90	4P
7.9	3262	180.95	1.05	MNA 90	4P
8.8	2951	161.38	1.15	MNAF 90	4P
9.6	2674	145.60	1.25		
11	2407	131.65	1.35		
12	2226	116.02	1.45		
13	2013	105.71	1.55		
16	1731	89.66	1.70		
19	1614	76.99	1.85		
21	1475	68.74	1.90		
23	1368	61.88	2.3		
25	1242	56.04	2.4		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
4KW					
11	2229	126.65	0.80	MN 89	4P
12	2065	115.92	0.90	MNF 89	4P
13	1932	104.22	0.95	MNA 89	4P
15	1716	90.46	1.05	MNAF 89	4P
17	1549	81.80	1.15		
20	1520	72.00	0.95		
23	1286	60.52	1.05		
26	1178	55.62	1.20		
29	1044	49.39	1.48		
32	957	44.10	1.50		
35	867	39.70	1.70		
42	748	34.46	1.90		
46	684	30.86	2.1		
55	575	25.60	2.4		
58	564	24.70	1.95		
25	1058	96.02	0.85	MN 79	4P
24	1230	58.67	0.90	MNF 79	4P
28	1073	52.00	0.95	MNA 79	4P
29	1020	49.28	1.90	MNAF 79	4P
33	896	43.13	1.95	MN 79	4P
37	813	38.86	1.30	MNF 79	4P
42	726	34.09	1.40	MNA 79	4P
47	649	30.08	1.55	MNAF 79	4P
54	579	26.67	1.70		
62	500	22.77	1.25		
66	489	21.57	1.35		
73	445	19.43	1.55		
83	394	17.04	1.65		
94	349	15.04	1.85		
106	331	13.33	2.1		
125	287	11.38	2.4		
76	429	18.80	0.80	MN 89	4P
80	362	15.84	0.90	MNF 89	4P
88	331	14.38	1.00	MNA 89	4P
114	287	12.47	1.05	MNAF 89	4P
131	252	10.85	1.25		
5.5KW					
8.8	4856	161.74	0.85	MN 99	4P
9.6	3676	145.60	0.90	MNF 99	4P
11	3310	131.65	0.95	MNA 99	4P
12	3061	116.02	1.05	MNAF 99	4P
14	2671	106.71	1.15		
16	2383	89.60	1.25		
18	2156	78.26	1.35		
21	2029	68.74	1.40		
22	1881	65.45	1.56		
23	1804	61.88	1.65		
26	1648	56.04	1.68		
29	1473	49.69	2.0		
32	1349	44.93	2.2		
37	1167	38.08	2.4		
18	2834	81.00	0.85	MN 89	4P
21	1799	67.20	0.90	MNF 89	4P
26	1619	55.62	0.95	MNA 89	4P
29	1435	49.39	1.00	MNAF 89	4P
32	1316	44.10	1.10	MN 89	4P
36	1162	39.70	1.25	MNF 89	4P
42	1028	34.46	1.40	MNA 89	4P
46	941	30.86	1.55	MNAF 89	4P
55	790	25.60	1.25		
56	776	24.70	1.45		
65	682	22.06	1.75		
72	624	19.85	1.85		
83	547	17.23	2.1		
92	496	15.43	2.3		
112	412	12.86	2.6		
128	361	11.13	3.0		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
5.5KW					
33	1232	43.13	0.85	MN 79	4P
37	1117	38.86	0.95	MNF 79	4P
42	998	34.09	1.05	MNA 79	4P
				MNAF 79	4P
47	882	30.08	1.15	MN 79	4P
54	796	26.67	1.25	MNF 79	4P
62	690	22.77	1.35	MNA 79	4P
74	604	19.43	1.55	MNAF 79	4P
84	535	17.04	1.20		
96	474	15.04	1.35		
107	424	13.33	1.50		
125	367	11.30	1.75		
7.5KW					
14	3643	105.71	0.85	MN 99	4P
16	3247	89.60	0.90	MNF 99	4P
18	2949	78.26	1.00	MNA 99	4P
21	2766	68.74	1.05	MNAF 99	4P
22	2456	65.45	1.10		
23	2460	61.88	1.20		
26	2244	56.04	1.30		
29	2069	49.69	1.45		
32	1940	44.93	1.69		
37	1592	38.08	1.80		
43	1366	33.26	2.2		
54	1136	26.37	2.1		
62	1064	23.38	2.3		
67	923	21.14	2.6		
32	1704	44.93	0.80	MN 89	4P
36	1564	39.70	0.90	MNF 89	4P
42	1402	34.46	1.00	MNA 89	4P
				MNAF 89	4P
46	1283	30.86	1.15	MN 89	4P
55	1070	25.60	1.30	MNF 89	4P
59	1056	24.70	1.05	MNA 89	4P
65	944	22.06	1.25	MNAF 89	4P
72	851	19.85	1.35		
83	746	17.23	1.50		
92	676	15.43	1.70		
112	562	12.86	1.90		
128	493	11.13	2.2		
47	1217	30.08	0.85	MN 79	4P
54	1085	26.67	0.90	MNF 79	4P
62	944	22.77	1.00	MNA 79	4P
74	824	19.43	0.95	MNAF 79	4P
84	736	17.04	0.90	MN 79	4P
96	646	15.04	1.00	MNF 79	4P
107	579	13.33	1.10	MNA 79	4P
125	500	11.30	1.30	MNAF 79	4P
11KW					
26	3291	56.04	0.90	MN 99	4P
29	2946	49.69	1.00	MNF 99	4P
32	2698	44.93	1.10	MNA 99	4P
37	2335	38.08	1.20	MNAF 99	4P
43	2047	33.26	1.45		
55	1637	26.37	1.45		
62	1473	23.38	1.60		
68	1335	21.14	1.69		
80	1159	17.92	2.2		
92	1007	15.65	2.3		
110	846	13.09	2.6		
127	736	11.33	2.8		

输出转速 Output speed r/min	输出扭矩 Output torque N·m	传动比 Ratio i	使用系数 Service factor f_s	机型号 Type	极数 Pole P
11KW					
56	1552	25.60	0.90	MN 89	4P
58	1526	24.70	1.0	MNF 89	4P
65	1349	22.06	1.2	MNA 89	4P
				MNAF 89	4P
72	1248	19.85	0.95	MN 89	4P
83	1084	17.23	1.05	MNF 89	4P
93	982	15.43	1.15	MNA 89	4P
112	825	12.86	1.30	MNAF 89	4P
129	737	11.13	1.50		
15KW					
33	3575	44.93	0.85	MN 99	4P
38	3103	38.08	0.90	MNF 99	4P
				MNA 99	4P
				MNAF 99	4P
44	2736	33.26	1.10	MN 99	4P
55	2232	26.37	1.05	MNF 99	4P
63	1979	23.38	1.20	MNA 99	4P
69	1796	21.14	1.30	MNAF 99	4P
82	1533	17.92	1.60		
94	1346	15.65	1.70		
112	1154	13.09	1.60		
129	999	11.33	2.1		
94	1325	15.43	0.85	MN 89	4P
114	1104	12.80	0.95	MNF 89	4P
132	962	11.13	1.10	MNA 89	4P
				MNAF 89	4P
18.5KW					
44	3374	33.26	0.80	MN 99	4P
53	2859	27.62	1.0	MNF 99	4P
63	2368	23.38	1.05	MNA 99	4P
69	2215	21.14	1.10	MNAF 99	4P
82	1899	17.92	1.30		
94	1660	15.65	1.40		
112	1398	13.09	1.55		
129	1219	11.33	1.70		
22KW					
53	3359	27.62	0.85	MN 99	4P
63	2830	23.38	0.90	MNF 99	4P
69	2634	21.14	0.90	MNA 99	4P
82	2248	17.92	1.10	MNAF 99	4P
94	1973	15.65	1.20	MN 99	4P
112	1663	13.09	1.30	MNF 99	4P
129	1449	11.33	1.40	MNA 99	4P
				MNAF 99	4P

5.9 MN系列恒扭矩选型参数表

Constant torque model selection parameter form of MN series

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P
92N·m					
0.14	10037	MN	30 MD19	0.12	4P
0.16	8654	MNF	30 MD19	0.12	4P
0.17	8066	MNA	30 MD19	0.12	4P
0.20	7051	MNAF	30 MD19	0.12	4P
0.23	6079				
0.25	5431				
0.29	4847				
0.33	4155				
0.38	3633				
0.48	2847				
0.56	2473				
0.64	2162				
0.73	1890				
0.83	1866				
0.95	1456				
1.1	1272				
1.3	1118				
1.4	987				
1.6	875				
1.8	779	MN	30 MD19	0.12	4P
2.1	656	MNF	30 MD19	0.12	4P
2.3	597	MNA	30 MD19	0.12	4P
2.6	522	MNAF	30 MD19	0.12	4P
3.0	456				
3.5	401				
3.9	354				
4.6	305				
5.2	265				
6.0	232				
6.8	203				
7.4	178	MN	30 MD19	0.18	4P
8.4	157	MNF	30 MD19	0.18	4P
9.1	144	MNA	30 MD19	0.18	4P
11	118	MNAF	30 MD19	0.18	4P
12	109	MN	30 MD19	0.25	4P
		MNF	30 MD19	0.25	4P
		MNA	30 MD19	0.25	4P
		MNAF	30 MD19	0.25	4P
185N·m					
0.11	12909	MN	40 MD19	0.12	4P
0.12	11189	MNF	40 MD19	0.12	4P
0.13	10374	MNA	40 MD19	0.12	4P
0.15	8992	MNAF	40 MD19	0.12	4P
0.18	7960				
0.20	6887				
0.23	6055				
0.26	5292				
0.30	4637				
0.34	4032				
0.39	3563				
0.44	3136				
0.51	2700				
0.57	2425				
0.65	2139				
0.74	1858				
0.82	1680				
0.97	1427				
1.1	1252				
1.2	1088				
1.3	1068				
1.4	956	MN	40 MD19	0.12	4P
1.6	857	MNF	40 MD19	0.12	4P
1.8	745	MNA	40 MD19	0.12	4P
2.1	653	MNAF	40 MD19	0.12	4P
2.4	576				
2.7	511				
3.1	438				
3.4	390	MN	40 MD19	0.18	4P
3.9	335	MNF	40 MD19	0.18	4P
4.6	290	MNA	40 MD19	0.18	4P
		MNAF	40 MD19	0.18	4P
5.0	256	MN	40 MD19	0.25	4P
5.7	228	MNF	40 MD19	0.25	4P
6.5	199	MNA	40 MD19	0.25	4P
6.9	186	MNAF	40 MD19	0.25	4P
7.8	167				
9.2	149	MN	40 MD19	0.37	4P
11	134	MNF	40 MD19	0.37	4P
		MNA	40 MD19	0.37	4P
		MNAF	40 MD19	0.37	4P
330N·m					
0.11	12909	MN	50 MD19	0.12	4P
0.12	11189	MNF	50 MD19	0.12	4P
0.13	10374	MNA	50 MD19	0.12	4P
0.15	8992	MNAF	50 MD19	0.12	4P
0.18	7960				
0.20	6887				
0.23	6055				
0.26	5292				
0.30	4637				
0.34	4032				
0.38	3626				
360N·m					
0.44	3136	MN	50 MD19	0.12	4P
0.50	2767	MNF	50 MD19	0.12	4P
0.57	2433	MNA	50 MD19	0.12	4P
0.64	2156	MNAF	50 MD19	0.12	4P
0.74	1864				
0.83	1668				
0.97	1414				
1.1	1257				
1.3	1055				
1.4	982	MN	50 MD19	0.12	4P
1.6	863	MNF	50 MD19	0.12	4P
1.8	741	MNA	50 MD19	0.12	4P
2.1	658	MNAF	50 MD19	0.12	4P
2.3	566	MN	50 MD19	0.18	4P
2.6	507	MNF	50 MD19	0.18	4P
3.0	435	MNA	50 MD19	0.18	4P
3.4	394	MNAF	50 MD19	0.18	4P
4.0	332	MN	50 MD19	0.25	4P
4.4	293	MNF	50 MD19	0.25	4P
4.8	271	MNA	50 MD19	0.25	4P
		MNAF	50 MD19	0.25	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P
300N·m					
0.5	221	MN	50 MD19	0.37	4P
0.7	200	MNF	50 MD19	0.37	4P
7.5	184	MNA	50 MD19	0.37	4P
		MNAF	50 MD19	0.37	4P
8.3	163	MN	50 MD19	0.55	4P
10	130	MNF	50 MD19	0.55	4P
		MNA	50 MD19	0.55	4P
		MNAF	50 MD19	0.55	4P
570N·m					
0.06	21362	MN	60 MD39	0.12	4P
0.07	16564	MNF	60 MD39	0.12	4P
0.08	16120	MNA	60 MD39	0.12	4P
0.08	16082	MNAF	60 MD39	0.12	4P
0.10	14363				
0.11	12774				
0.13	11013				
0.14	9844				
0.16	8529				
0.19	7455				
0.21	6531				
0.24	5769				
0.28	4935				
0.31	4455				
0.36	3916				
0.40	3439				
0.47	2914				
0.52	2613				
0.61	2291				
0.66	2037				
0.76	1786				
0.89	1543				
1.0	1366				
1.2	1199				
1.3	1043	MN	60 MD39	0.18	4P
1.4	915	MNF	60 MD39	0.18	4P
		MNA	60 MD39	0.18	4P
		MNAF	60 MD39	0.18	4P
1.6	808	MN	60 MD39	0.18	4P
1.9	711	MNF	60 MD39	0.18	4P
		MNA	60 MD39	0.18	4P
		MNAF	60 MD39	0.18	4P
2.1	615	MN	60 MD39	0.25	4P
2.4	544	MNF	60 MD39	0.25	4P
		MNA	60 MD39	0.25	4P
		MNAF	60 MD39	0.25	4P
2.9	486	MN	60 MD39	0.37	4P
3.3	424	MNF	60 MD39	0.37	4P
3.7	373	MNA	60 MD39	0.37	4P
		MNAF	60 MD39	0.37	4P
4.3	320	MN	60 MD39	0.55	4P
4.9	281	MNF	60 MD39	0.55	4P
5.5	246	MNA	60 MD39	0.55	4P
6.1	223	MNAF	60 MD39	0.55	4P
7.0	199	MN	60 MD39	0.75	4P
		MNF	60 MD39	0.75	4P
		MNA	60 MD39	0.75	4P
		MNAF	60 MD39	0.75	4P
1270N·m					
0.05	25493	MN	70 MD39	0.12	4P
0.06	21767	MNF	70 MD39	0.12	4P
0.07	19907	MNA	70 MD39	0.12	4P
0.08	17013	MNAF	70 MD39	0.12	4P
0.09	14668				
0.11	13193				
0.12	11549				
0.14	9887				
0.16	8662				
0.18	7735				
0.20	6735				
0.23	5843				
0.26	5214				
0.30	4468				
0.35	3962				
0.39	3540				
0.43	3086	MN	70 MD39	0.18	4P
		MNF	70 MD39	0.18	4P
		MNA	70 MD39	0.18	4P
		MNAF	70 MD39	0.18	4P
1240N·m					
0.50	2748	MN	70 MD39	0.12	4P
0.58	2369	MNF	70 MD39	0.12	4P
		MNA	70 MD39	0.12	4P
		MNAF	70 MD39	0.12	4P
0.63	2074	MN	70 MD39	0.18	4P
0.73	1810	MNF	70 MD39	0.18	4P
0.76	1745	MNA	70 MD39	0.18	4P
0.82	1597	MNAF	70 MD39	0.18	4P
0.93	1397	MN	70 MD39	0.25	4P
1.0	1231	MNF	70 MD39	0.25	4P
		MNA	70 MD39	0.25	4P
		MNAF	70 MD39	0.25	4P
1.2	1097	MN	70 MD39	0.25	4P
		MNF	70 MD39	0.25	4P
		MNA	70 MD39	0.25	4P
		MNAF	70 MD39	0.25	4P
1.4	952	MN	70 MD39	0.37	4P
1.7	833	MNF	70 MD39	0.37	4P
1.9	756	MNA	70 MD39	0.37	4P
		MNAF	70 MD39	0.37	4P
2.1	634	MN	70 MD39	0.55	4P
2.4	571	MNF	70 MD39	0.55	4P
2.7	498	MNA	70 MD39	0.55	4P
		MNAF	70 MD39	0.55	4P
3.1	438	MN	70 MD39	0.75	4P
3.4	384	MNF	70 MD39	0.75	4P
		MNA	70 MD39	0.75	4P
		MNAF	70 MD39	0.75	4P
4.3	327	MN	70 MD39	1.1	4P
4.8	288	MNF	70 MD39	1.1	4P
5.6	249	MNA	70 MD39	1.1	4P
6.4	218	MNAF	70 MD39	1.1	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P
2500N·m					
0.66	2537	MN	80 MD56	0.12	4P
0.66	2423	MNF	80 MD56	0.12	4P
0.67	1966	MNA	80 MD56	0.12	4P
0.68	1889	MNAF	80 MD56	0.12	4P
0.68	1885				
0.86	1482				
0.10	1308				
0.12	1108				
0.14	948				
0.16	853				
0.18	757				
0.21	659				
0.22	599	MN	80 MD56	0.18	4P
0.25	512	MNF	80 MD56	0.18	4P
0.29	464	MNA	80 MD56	0.18	4P
		MNAF	80 MD56	0.18	4P
0.34	397	MN	80 MD56	0.25	4P
		MNF	80 MD56	0.25	4P
		MNA	80 MD56	0.25	4P
		MNAF	80 MD56	0.25	4P
0.37	340	MN	80 MD56	0.25	4P
0.45	291	MNF	80 MD56	0.25	4P
		MNA	80 MD56	0.25	4P
		MNAF	80 MD56	0.25	4P
0.53	257	MN	80 MD56	0.37	4P
0.56	235	MNF	80 MD56	0.37	4P
0.66	203	MNA	80 MD56	0.37	4P
		MNAF	80 MD56	0.37	4P
0.76	169	MN	80 MD56	0.55	4P
0.84	161	MNF	80 MD56	0.55	4P
1.0	133	MNA	80 MD56	0.55	4P
1.1	116	MNAF	80 MD56	0.55	4P
1.3	103	MN	80 MD56	0.75	4P
1.5	024	MNF	80 MD56	0.75	4P
1.7	031	MNA	80 MD56	0.75	4P
		MNAF	80 MD56	0.75	4P
1.9	721	MN	80 MD56	1.1	4P
2.2	626	MNF	80 MD56	1.1	4P
2.6	554	MNA	80 MD56	1.1	4P
		MNAF	80 MD56	1.1	4P
2.9	461	MN	80 MD56	1.5	4P
		MNF	80 MD56	1.5	4P
		MNA	80 MD56	1.5	4P
		MNAF	80 MD56	1.5	4P
2450N·m					
3.2	431	MN	80 MD56	1.5	4P
3.7	338	MNF	80 MD56	1.5	4P
		MNA	80 MD56	1.5	4P
		MNAF	80 MD56	1.5	4P
2400N·m					
4.4	322	MN	80 MD56	2.2	4P
5.0	281	MNF	80 MD56	2.2	4P
		MNA	80 MD56	2.2	4P
		MNAF	80 MD56	2.2	4P

输出转速 Output speed r/min	传动比 Ratio i	机型号 Type		电动机功率 Power KW	极数 Pole P
4200N·m					
0.04	33918	MN	90 MD56	0.12	4P
0.04	31154	MNF	90 MD56	0.12	4P
0.05	27847	MNA	90 MD56	0.12	4P
0.06	24941	MNAF	90 MD56	0.12	4P
0.06	21537				
0.07	19749				
0.09	16233				
0.09	14576				
0.11	12752				
0.12	11287				
0.14	10078				
0.15	9095	MN	90 MD56	0.18	4P
0.17	7754	MNF	90 MD56	0.18	4P
0.20	6946	MNA	90 MD56	0.18	4P
0.23	5766	MNAF	90 MD56	0.18	4P
0.27	4919				
0.29	4449	MN	90 MD56	0.25	4P
0.32	4003	MNF	90 MD56	0.25	4P
0.38	3440	MNA	90 MD56	0.25	4P
		MNAF	90 MD56	0.25	4P
0.44	3111	MN	90 MD56	0.37	4P
0.52	2645	MNF	90 MD56	0.37	4P
0.60	2308	MNA	90 MD56	0.37	4P
		MNAF	90 MD56	0.37	4P
0.65	2060	MN	90 MD56	0.55	4P
0.73	1853	MNF	90 MD56	0.55	4P
0.86	1578	MNA	90 MD56	0.55	4P
		MNAF	90 MD56	0.55	4P
1.0	1394	MN	90 MD56	0.75	4P
1.1	1229	MNF	90 MD56	0.75	4P
1.3	1073	MNA	90 MD56	0.75	4P
		MNAF	90 MD56	0.75	4P
1.5	924	MN	90 MD56	1.1	4P
1.7	828	MNF	90 MD56	1.1	4P
		MNA	90 MD56	1.1	4P
		MNAF	90 MD56	1.1	4P
2.0	714	MN	90 MD56	1.5	4P
2.2	627	MNF	90 MD56	1.5	4P
2.6	536	MNA	90 MD56	1.5	4P
		MNAF	90 MD56	1.5	4P
2.9	485	MN	90 MD56	2.2	4P
3.4	420	MNF	90 MD56	2.2	4P
3.9	374	MNA	90 MD56	2.2	4P
		MNAF	90 MD56	2.2	4P
4.3	326	MN	90 MD56	3	4P
4.9	288	MNF	90 MD56	3	4P
		MNA	90 MD56	3	4P
		MNAF	90 MD56	3	4P
5.6	251	MN	90 MD56	4	4P
6.5	216	MNF	90 MD56	4	4P
		MNA	90 MD56	4	4P
		MNAF	90 MD56	4	4P

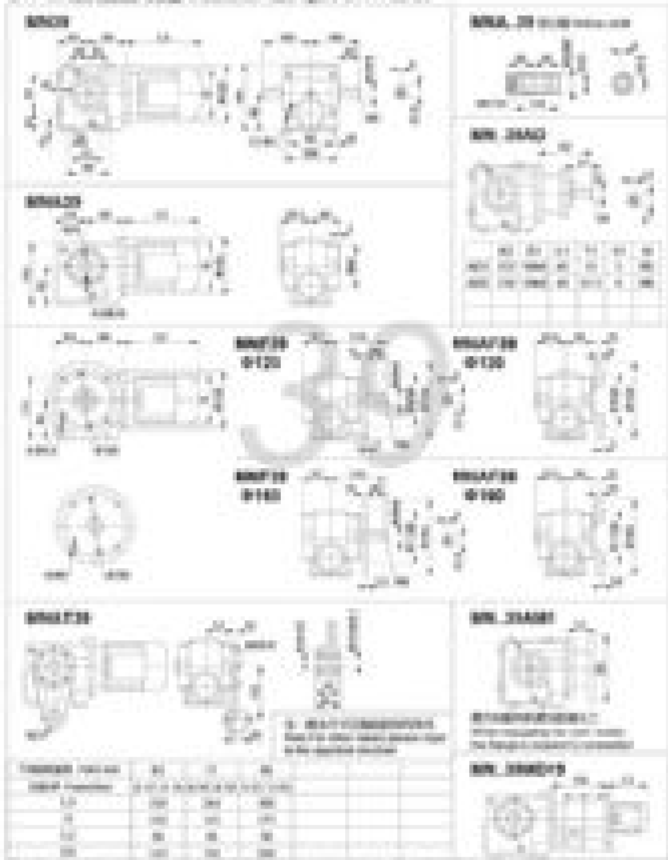
5.10 MN系列输入轴型选型参数表

Model selection parameter form of input shaft type of MN series

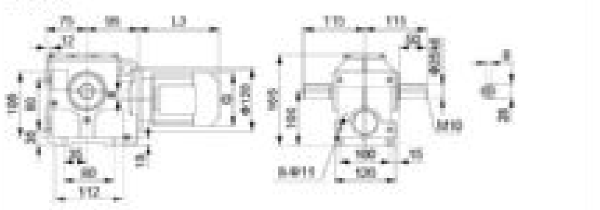
传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type	
MN39 AD... , n = 1400 1/min				**92 N·m**	
144.49	9.7	92	0.18	MN	39 AD1
122.94	11	91	0.22	MNF	39 AD1
106.00	13	88	0.23	MNA	39 AD1
88.80	14	87	0.25	MNAF	39 AD1
86.36	16	86	0.27		
80.00	17	85	0.29	MN	39 AD1
71.44	20	84	0.31	MNF	39 AD1
63.33	22	82	0.34	MNA	39 AD1
				MNAF	39 AD1
53.83	26	80	0.39	MN	39 AD2
				MNF	39 AD2
				MNA	39 AD2
				MNAF	39 AD2
46.01	30	81	0.36	MN	39 AD1
40.45	35	81	0.41	MNF	39 AD1
37.70	37	79	0.43	MNA	39 AD1
32.05	42	78	0.48	MNAF	39 AD1
30.89	45	76	0.49		
27.26	51	75	0.55		
24.97	56	74	0.60		
20.54	68	73	0.69	MN	39 AD2
				MNF	39 AD2
				MNA	39 AD2
				MNAF	39 AD2
20.22	69	52	0.48	MN	39 AD1
18.85	74	52	0.56	MNF	39 AD1
16.48	85	50	0.55	MNA	39 AD1
				MNAF	39 AD1
15.45	91	49	0.57	MN	39 AD2
13.63	103	48	0.63	MNF	39 AD2
12.69	110	48	0.70	MNA	39 AD2
10.27	136	47	0.81	MNAF	39 AD2
MN49 AD... , n = 1400 1/min				**170 N·m**	
201.66	7.0	170	0.24	MN	49 AD1
184.89	7.6	170	0.26	MNF	49 AD1
156.12	8.9	170	0.30	MNA	49 AD1
137.05	10	168	0.33	MNAF	49 AD1
128.10	11	168	0.35		
110.73	13	168	0.39		
94.08	15	168	0.45		
84.00	17	167	0.49		
71.75	20	167	0.57		
67.29	21	167	0.60		
62.12	23	155	0.59		
56.61	25	165	0.70	MN	49 AD2
				MNF	49 AD2
				MNA	49 AD2
				MNAF	49 AD2
53.84	26	155	0.67	MN	49 AD1
50.33	28	155	0.69	MNF	49 AD1
43.50	32	155	0.70	MNA	49 AD1
				MNAF	49 AD1

传动比 Ratio i	输出转速 Output speed r/min	许用扭矩 Permissible torque N·m	额定功率 Nominal Power Ratings KW	机型号 Type	
MN49 AD... , n = 1400 1/min				**170 N·m**	
36.96	38	155	0.82	MN	49 AD2
33.00	42	155	0.91	MNF	49 AD2
28.19	50	155	1.0	MNA	49 AD2
26.40	53	155	1.1	MNAF	49 AD2
22.24	63	152	1.3		
21.75	64	110	0.96		
18.48	76	110	1.0		
16.50	85	110	1.2		
14.09	99	110	1.3		
13.20	106	109	1.4		
11.12	126	109	1.7		
MN59 AD... , n = 1400 1/min				**295 N·m**	
201.66	7.0	295	0.38	MN	59 AD1
184.80	7.6	295	0.42	MNF	59 AD1
156.12	8.9	295	0.48	MNA	59 AD1
137.05	10	295	0.54	MNAF	59 AD1
128.10	11	295	0.57		
110.73	13	295	0.64		
94.08	15	295	0.74		
84.00	17	295	0.82		
71.75	20	290	0.94	MN	59 AD2
67.29	21	285	0.99	MNF	59 AD2
56.61	25	265	1.1	MNA	59 AD2
52.21	27	245	0.92	MNAF	59 AD2
46.80	29	245	0.97		
42.18	33	245	1.2		
35.64	39	245	1.3		
32.00	44	245	1.4		
27.33	51	245	1.7		
25.60	55	245	1.7		
21.57	65	245	2.0		
21.09	66	168	1.3		
17.92	78	168	1.6		
16.00	88	168	1.7		
13.67	102	169	2.1		
12.80	109	169	2.3		
10.78	130	169	2.6		
MN69 AD... , n = 1400 1/min				**520 N·m**	
217.41	6.4	520	0.60	MN	69 AD2
190.11	7.4	520	0.68	MNF	69 AD2
178.50	7.8	520	0.73	MNA	69 AD2
158.45	8.8	520	0.79	MNAF	69 AD2
134.40	10	520	0.92		
121.33	12	520	1.0		
106.75	13	520	1.1	MN	69 AD2
100.80	14	520	1.2	MNF	69 AD2
85.83	16	520	1.3	MNA	69 AD2
78.00	18	520	1.5	MNAF	69 AD2
70.16	20	480	1.3		
67.57	21	520	1.7		
65.88	21	480	1.4		
58.48	24	480	1.5		
56.80	24	560	1.9	MN	69 AD3
				MNF	69 AD3
				MNA	69 AD3
				MNAF	69 AD3

3.11 MN系列安装尺寸图 Installation size figure of MN series

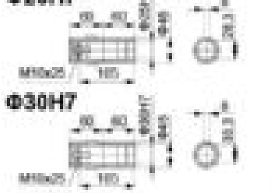


MN49

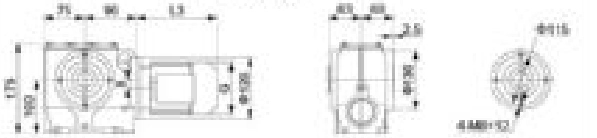


MNA..49 空心轴 Hollow shaft

Φ25H7 / Φ30H7

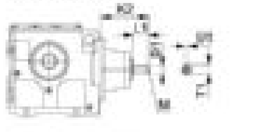


MNA49



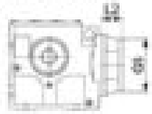
MNAZ49

MN..49AD



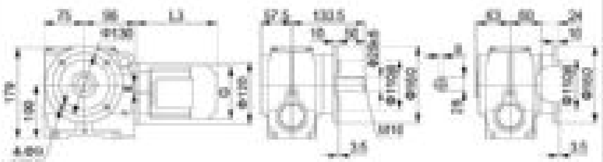
	K2	D1	L1	T1	U1	M
AD1	102	16k6	40	18	5	M5
AD2	130	16k6	40	21.5	6	M6

MN..49AM1



需方自配电机需加联接法兰
When equipping the user' motor, the flange is required to connected

MNF49 MNAF49

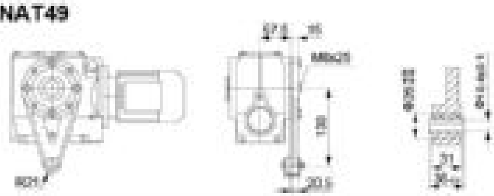


MN..49MD19

	MN..49MD19
L	133

注：其余尺寸见对应的结构形式
Note:For other values please reger to the oppsited structure

MNAT49

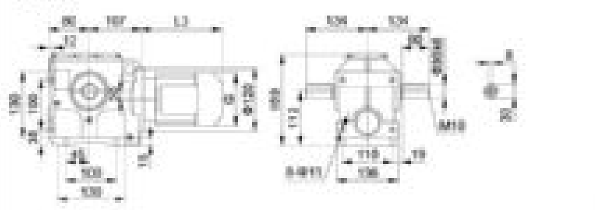


Y2电机机座号 motor size 功率 Power(kw)	63		71		80		90S	90L
Power(kw)	0.12	0.18	0.25	0.37	0.55	0.75	1.1	1.5
L3	236		244		300		315	340
G	130		145		175		195	195
L2	56		56		56		56	56
G6	140		160		200		200	200

注：1.[illegible]
2.[illegible]
3.[illegible]

Note: 1.The housings of MNA、MNF、MNAF、MNAZ are common parts,the mounting dimensions may consult each other.
2."MN.." means MN、MNA、MNF、MNAF、MNAZ、MNAT、MNH、MNHF、MNHT、MNHZ.
3.With expansion plate structural forms,see PageP009-P010 for size details of expansion plate.

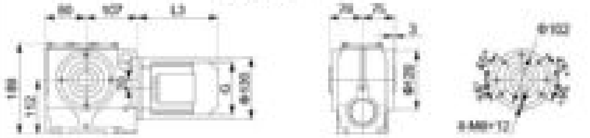
MN59



MNA..59 空心轴 Hollow shaft

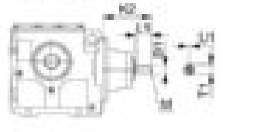
Φ30H7 / Φ35H7

MNA59



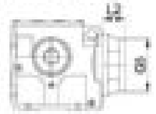
MNAZ59

MN..59AD



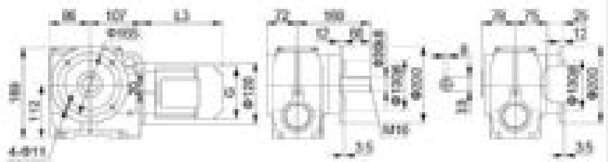
	K2	D1	L1	T1	U1	M
AD1	102	16k6	40	18	5	M5
AD2	130	16k6	40	21.5	6	M6

MN..59AM1



需方自配电机需加联接法兰
When equipping the user' motor, the flange is required to connected

MNF59 MNAF59

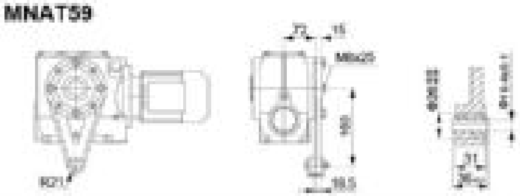


MN..59MD19

	MN..59MD19
L	133

注：其余尺寸见对应的结构形式
Note:For other values please reger to the oppsited structure

MNAT59

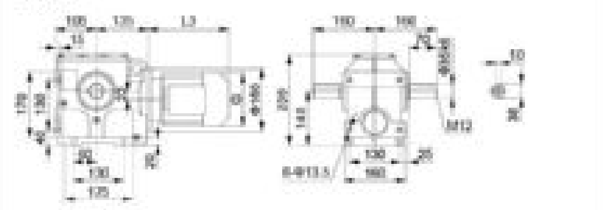


Y2电机机座号 motor size 功率 Power(kw)	63	71		80		90S	90L	100	
Power(kw)	0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0
L3	236	244		300		315	340	365	
G	130	145		175		195	195	215	
L2	56	56		56		56	56	62	
G6	140	160		200		200	200	250	

注：1.[illegible]
2.[illegible]
3.[illegible]

Note: 1.The housings of MNA、MNF、MNAF、MNAZ are common parts,the mounting dimensions may consult each other.
2."MN.." means MN、MNA、MNF、MNAF、MNAZ、MNAT、MNH、MNHF、MNHT、MNHZ.
3.With expansion plate structural forms,see PageP009-P010 for size details of expansion plate.

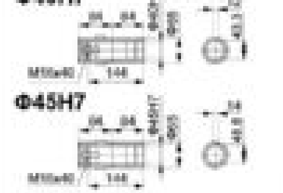
MN69



MNA..69 空心轴 Hollow shaft

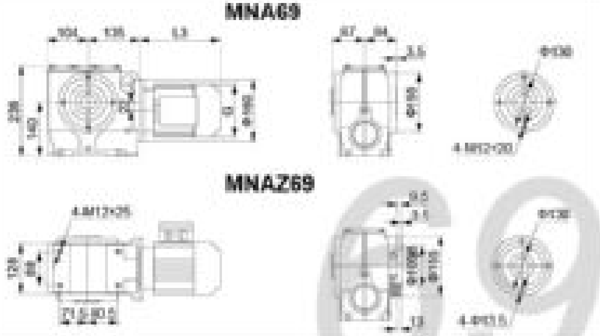
Φ40H7

Φ45H7

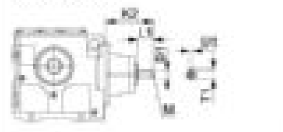


MNA69

MNAZ69

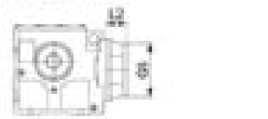


MN..69AD



	K2	D1	L1	T1	U1	M
AD2	123	19k6	40	21.5	6	M6
AD3	159	24k6	50	27	8	M8

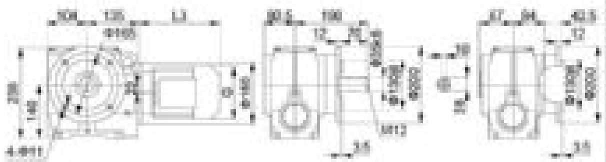
MN..69AM1



配方自配电机需加联接法兰

When equipping the user' motor, the flange is required to connected

MNF69 MNAF69



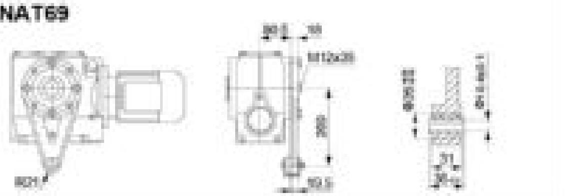
MN..69MD39

	MN..69MD39
L	165

注：其余尺寸见被组装结构样式

Note:For other values please reger to the oppsited structure

MNAT69

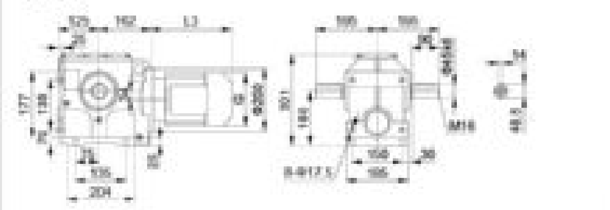


Y2电机机座号 Frame size 功率 Power(kw)	71		80		90S	90L	100		112M	132S
Power(kw)	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5
L3	241		290		316	330	365		392	434
G	145		175		195	195	215		240	279
L2	57		72		72	72	68		68	105
G5	160		200		200	200	250		250	300

注：1.MNA、MNF、MNAF、MNAZ箱体为通用件,安装尺寸均可互相参照
2."MN.."表示MN、MNA、MNF、MNAF、MNAZ、MNAT、MNH、MNHF、MNHT、MNHZ
3.带扩展板结构形式,扩展板尺寸详见P009-P010

Note: 1.The housings of MNA, MNF, MNAF, MNAZ are common parts,the mounting dimensions may consult each other.
2."MN.." means MN, MNA, MNF, MNAF, MNAZ, MNAT, MNH, MNHF, MNHT, MNHZ.
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate.

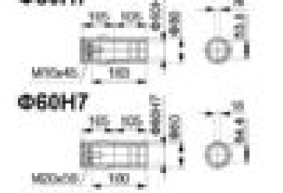
MN79



MNA..79 空心轴 Hollow shaft

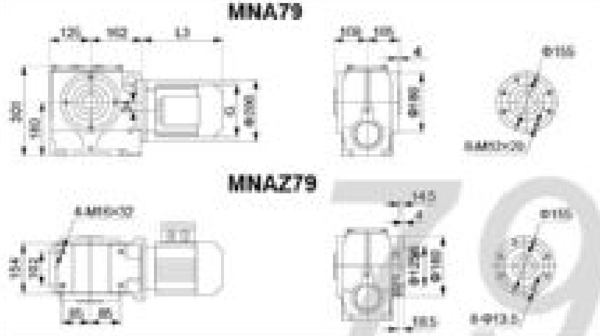
Φ50H7

Φ60H7

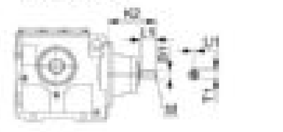


MNA79

MNAZ79

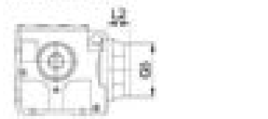


MN..79AD



	K2	D1	L1	T1	U1	M
AD2	116	19k6	40	21.5	6	M6
AD3	151	24k6	50	27	8	M8
AD4	224	38k6	80	41	10	M12

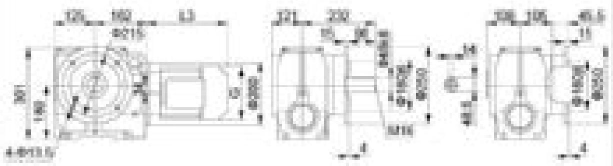
MN..79AM1



配方自配电机需加联接法兰

When equipping the user' motor, the flange is required to connected

MNF79 MNAF79



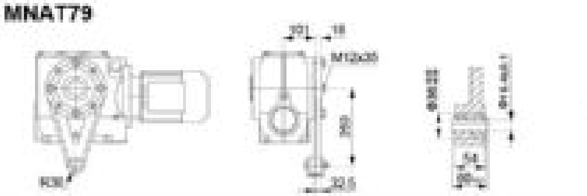
MN..79MD39

	MN..79MD39
L	157

注：其余尺寸见被组装结构样式

Note:For other values please reger to the oppsited structure

MNAT79

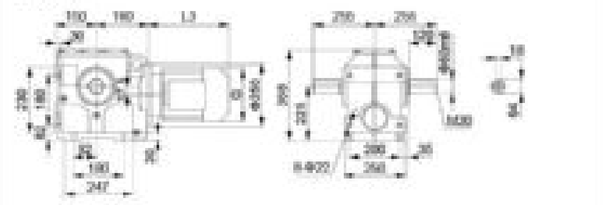


Y2电机机座号 Frame size 功率 Power(kw)	80		90S	90L	100		112M	132S	132M
Power(kw)	0.55	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5
L3	300		316	341	369		398	441	479
G	175		195	195	215		240	270	279
L2	72		72	72	68		68	105	105
G5	200		200	200	250		250	300	300

注：1.MNA、MNF、MNAF、MNAZ箱体为通用件,安装尺寸均可互相参照
2."MN.."表示MN、MNA、MNF、MNAF、MNAZ、MNAT、MNH、MNHF、MNHT、MNHZ
3.带扩展板结构形式,扩展板尺寸详见P009-P010

Note: 1.The housings of MNA, MNF, MNAF, MNAZ are common parts,the mounting dimensions may consult each other.
2."MN.." means MN, MNA, MNF, MNAF, MNAZ, MNAT, MNH, MNHF, MNHT, MNHZ.
3.With expansion plate structural forms,see Page P009-P010 for size details of expansion plate.

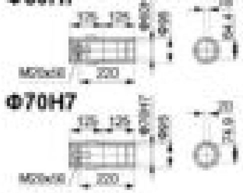
MN89



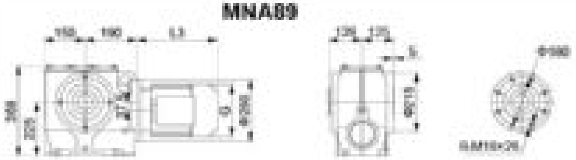
MNA..89 空心轴 Hollow shaft

Φ60H7

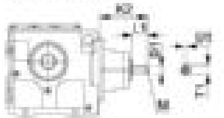
Φ70H7



MNA89



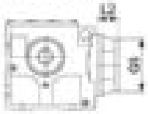
MN..89AD



	K2	D1	L1	T1	U1	M
AD2	111	19k6	40	21.5	6	M6
AD3	156	28k6	60	31	8	M10
AD4	219	38k6	80	41	10	M12
AD5	292	42k6	110	45	12	M16

MNAZ89

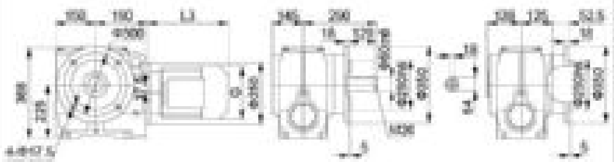
MN..89AM1



配方自配电机需加联接法兰

When equipping the user' motor, the flange is required to connected

MNF89 MNAF89



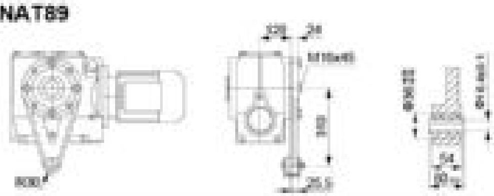
MN..89MD59

	MN..89MD59
L	216

注：其余尺寸见相应的结构样式

Note:For other values please reger to the oppsited structure

MNAT89



Y2电机机座号 motor size	80	90S	90L	100		112M	132S	132M	160M	160L				
功率 Power(kw)	0.75	1.1	1.5	2.2	3.0	4.0	5.5	7.5	11	15				
L3	292	300	325	350		395	441	479	532	576				
G	175	195	195	215		240	270	270	330	330				
L2	62	62	62	74		74	98	98	119	119				
G5	200	200	200	250		250	300	300	350	350				

注：1.MNA、MNF、MNAF、MNAZ壳体为通用件,安装尺寸均可互相参照

2."MN.."表示MN、MNA、MNF、MNAF、MNAZ、MNAT、MNH、MNHF、MNHT、MNHZ

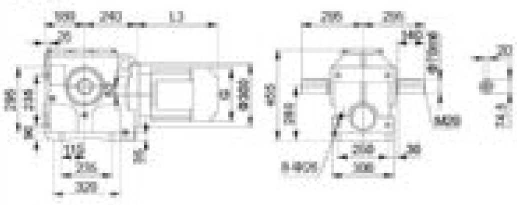
3.带胀紧盘结构形式,胀紧盘尺寸详见P009-P010

Note: 1.The housings of MNA、MNF、MNAF、MNAZ are common parts,the mounting dimensions may consult each other.

2."MN.." means MN、MNA、MNF、MNAF、MNAZ、MNAT、MNH、MNHF、MNHT、MNHZ.

3.With expansion plate structural forms,see PageP009-P010 for size details of expansion plate.

MN99

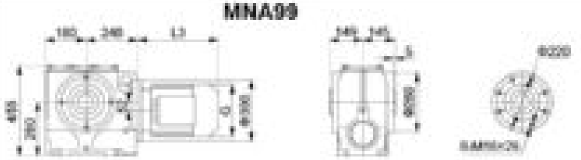


MNA..99 空心轴 Hollow shaft

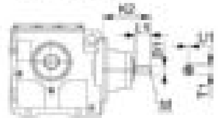
Φ70H7

Φ90H7

MNA99



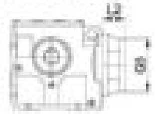
MN..99AD



	K2	D1	L1	T1	U1	M
AD3	151	28k6	60	31	8	M10
AD4	214	38k6	80	41	10	M12
AD5	287	42k6	110	45	12	M16
AD6	327	48k6	110	51.5	14	M16

MNAZ99

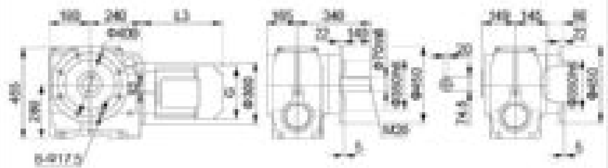
MN..99AM1



配方自配电机需加联接法兰

When equipping the user' motor, the flange is required to connected

MNF99 MNAF99



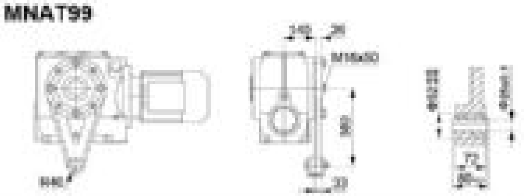
MN..99MD59

	MN..99MD59
L	211

注：其余尺寸见相应的结构样式

Note:For other values please reger to the oppsited structure

MNAT99



Y2电机机座号 motor size	90L	100		112M	132S	132M	160M	160L	180M	180L				
功率 Power(kw)	1.5	2.2	3.0	4.0	5.5	7.5	11	15	18.5	22				
L3	331	358		395	434	472	538	582	627	645				
G	195	215		240	270	270	330	330	380	380				
L2	50	50		58	92	92	113	113	113	113				
G5	200	250		250	300	300	350	350	350	350				

注：1.MNA、MNF、MNAF、MNAZ壳体为通用件,安装尺寸均可互相参照

2."MN.."表示MN、MNA、MNF、MNAF、MNAZ、MNAT、MNH、MNHF、MNHT、MNHZ

3.带胀紧盘结构形式,胀紧盘尺寸详见P009-P010

Note: 1.The housings of MNA、MNF、MNAF、MNAZ are common parts,the mounting dimensions may consult each other.

2."MN.." means MN、MNA、MNF、MNAF、MNAZ、MNAT、MNH、MNHF、MNHT、MNHZ.

3.With expansion plate structural forms,see PageP009-P010 for size details of expansion plate.

MTH MTB SERIES

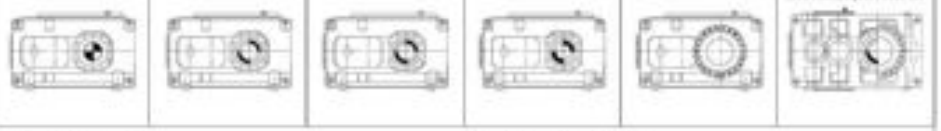
HIGH POWER REDUCTOR

MTH MTB系列 大功率减速机

齿轮箱 基本类型概述 Gear Units Summary of Basic Types

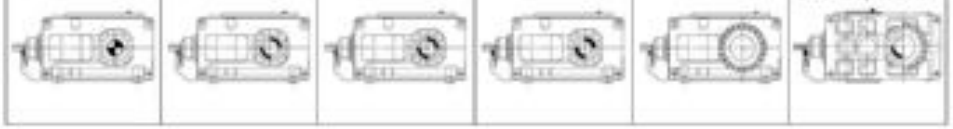
卧式安装	Horizontal mounting position
平行轴齿轮箱 类型 MTH1..,MTH2..,MTH3..,MTH4.. 1-...4-级,i_N=1.25-450	Helical gear units Types MTH1..,MTH2..,MTH3..,MTH4.. 1-...4-stage,i_N=1.25-450

MTH.SH | MTH.HH | MTH.DH | MTH.KH | MTH.FH | MTH.HM,MTH.DM MTH.KM,MTH.FM



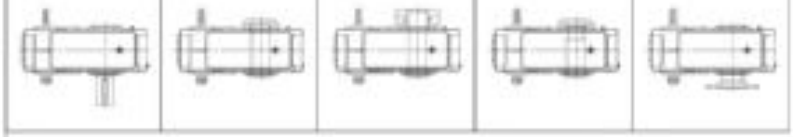
直交轴齿轮箱 类型 MTB2..,MTB3..,MTB4.. 2-...4-级,i_N=5-400	Bevel-helical gear units Types MTB2..,MTB3..,MTB4.. 2-...4-stage,i_N=5-400

MTB.SH | MTB.HH | MTB.DH | MTB.KH | MTB.FH | MTB.HM,MTB.DM MTB.KM,MTB.FM



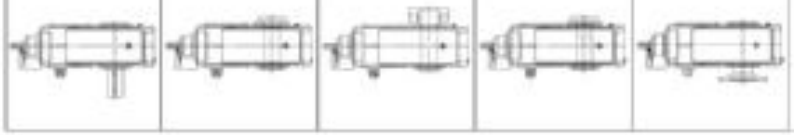
立式安装	Vertical mounting position
平行轴齿轮箱 类型 MTH2.V,MTH3.V,MTH4.V 2-...4-级,i_N=6.3-450	Helical gear units Types MTH2.V,MTH3.V,MTH4.V 2-...4-stage,i_N=6.3-450

MTH.SV | MTH.HV | MTH.DV | MTH.KV | MTH.FV



直交轴齿轮箱 类型 MTB2.V,MTB3.V,MTB4.V 2-...4-级,i_N=5-400	Bevel-helical gear units Types MTB2.V,MTB3.V,MTB4.V 2-...4-stage,i_N=5-400

MTB.SV | MTB.HV | MTB.DV | MTB.KV | MTB.FV



齿轮箱 基本类型概述 Gear Units Summary of Basic Types

MTB 3 S H 11 - 25 - A - CW / AC4

- 附件代号 / Accessories Code
  - **AC1** = 法兰泵 / Flanged-on pump
  - **AC2** = 电动泵 / Motor pump
  - **AC3** = 油箱 / Oil box
  - **AC4** = 冷却风扇 / Cooling fan
  - **AC5** = 冷却盘管 / Cooling coil
  - **AC6** = 冷却器 / Oil cooler
  - **AC7** = 迷宫式密封 Labyrinth seals
  - **AC8** = 锥台式密封 Taconite seals
  - **AC9** = 电机安装法兰 Motor bell housing
  - **AC10** = 扭力臂 / Torque support
  - **AC11** = 浮动摇臂 / Swing-beam
  - **AC12** = 箱体底脚安装 Housing base rails
  - **AC13** = 逆止器 / Backstop
  - **AC14** = 电机支架 Motor brackets
  - **AC15** = 法兰安装 / Housing flange
- MTB系列输入轴旋转方向 / The direction of the MTB series input shaft
- 面对输入轴方向 / View onto the input shaft
- **CW** = 顺时针 / clockwise
- **CCW** = 逆时针 / counterclockwise
- 轴布置形式 / Design of shaft
- 公称传动比 i_N (见295-298页) Nominal ratio (Pages P295-298)
- 规格 / Size **3...28**
- 安装形式 / Mounting
  - **H** = 卧式安装 / Horizontal
  - **M** = 卧式安装,不带地脚 Horizontal design without feet
  - **V** = 立式安装 / Vertical
- 输出轴布置形式 / Output shaft design
  - **S** = 实心轴 / Solid shaft
  - **H** = 空心轴 / Hollow shaft
  - **D** = 带收缩盘的空心轴 / Hollow shaft for shrink disk
  - **K** = 带花键的空心轴,见据 DIN 5480 Hollow shaft with involute splines acc. to DIN 5480
  - **F** = 法兰轴 / Flanged shaft
- 传动级数 / No. of stages **1,2,3** 或 / or **4**
- 类型 / Type
  - **MTH** = 平行轴斜齿轮箱 / Helical gear units
  - **MTB** = 直交轴齿轮箱 / Bevel-helical gear units

例如 **MTB3SH11-25-A-CW/AC4**
直交轴齿轮箱，3级传动，实心输出轴，卧式安装，规格11，传动比 i=25，布置形式A，
输入轴顺时针旋转，带冷却风扇

Example **MTB3SH11-25-A-CW/AC4**
Bevel-helical gear unit, 3-stage, solid output shaft design, horizontal mounting position, size 11, i=25,
design A, Clockwise rotation of the input shaft, with cooling fan

齿轮箱 目录 Gear Units Contents

齿轮箱 目录 Gear Units Contents

齿轮箱 性能特点

Gear Units Characteristic features

设计

齿轮箱采用全新的设计，其特点的优势在于：

- 零部件种类减少，而规格数量增多；
- 传动功率增大，运转可靠性提高；
- 可以采用非接触式耐磨的迷宫式密封装置；
- 可以提供适于狭小空间安装的法兰轴；
  （按请求供）

Design

Gear units are a completely new design . Advantages are :

- More sizes with a reduced variety of parts ;
- Higher operational reliability combined with increased power capacity ;
- Non-contacting wear-resistant labyrinth seals are possible ;
- Flanged output shafts to facilitate assembly of gear units in confined spaces(on request) ;

安装方式

可以提供卧式安装和立式安装的齿轮箱；

也可提供其他安装形式，请查询；

标准齿轮箱可以通过加装下面附件，如电机安装法兰、齿轮箱浮动底座或逆止器等，很好的满足客户需求；

Mounting position

Gear units can be supplied for either horizontal or vertical installation ;

Other arrangements are also possible on request ;

The basic gear units can be optimally adapted tocustomer requirements by fitting different add-on pieces like motor bell housings, gear unit swing-bases or backstop ;

噪音特性

采用最新设计理念，通过以下途径显著改善了齿轮箱的噪音特性：

- 采用吸收噪音的箱体结构；
- 采用特大的齿面接触比；

Noise behaviour

New concepts were applied to clearly improve the noise emission of the gear units by:

- Designing noise-absorbing housings ;
- Achieving exceptionally large contact ratios ;

热传导

齿轮箱不仅具有很高的传动效率，而且具有良好的散热性能，主要通过以下方法：

- 增大了箱体的表面积；
- 可以采用非接触式的迷宫密封装置；
- 采用大风扇和新型的导流风罩罩；

按额定的最大允许润滑油选择齿轮箱，这样，不仅提高了运行可靠性，而且也因换油周期的延长间接降低了设备维护费用；

Thermal conduction

Gear units not only have a high efficiency but also a favourable thermal conduction:

- Through enlarged housing surface areas ;
- Because non-contacting labyrinth seals can be used ;
- Because large fans incorporating a new type of air conduction fan cowl are being used ;

The selection of gear units is based on a lower maximum oil temperature .By that , the operational reliability will be increased and the cost of maintenance reduced due to longer oil change intervals ;

库存

齿轮箱采用新的模块化单元结构，从而显著减少了零部件种类。

Storing

Gear units have been designed according to a new unit construction principle. Through this , the variety os parts could be reduced.

齿轮箱 一般说明

Gear Units General information

注意事项！

必须严格遵守以下各项！

- 样本中的外形图只属范例，并不具有约束力，公司保留变更尺寸的权利；
- 所注重量仅为平均值，并不具有约束力；
- 为防止意外事故发生，所有旋转部件均应按照相应各国在国家和地区的安全规范由构造方加以保护；
- 试车之前必须认真阅读操作说明；
  齿轮箱在供货时已处于准运行状态，运行前需加注润滑油；
- 本样本中所示注油量只作为参考；
  实际注油量应以油尺上的标记为准；
- 润滑油粘度应符合齿轮箱铭牌上的数据；
- 齿轮箱在供货时已配置了径向轴封；
  如需其他类型的轴封敬请查询；
- 转动方向是指面向输出轴时输出轴的旋转方向；

Attention!

The following items are absolutely to be observed!

- Illustrations are examples only and are not strictly binding. Dimensions are subject to change.
- The weights are mean values and not strictly binding.
- To prevent accidents,all rotating parts should be guarded according to local and national safety regulations.
- Prior to commissioning, the operating instructions must be observed.
  The gear units are delivered ready for operation but without oil filling.
- Oil quantities given are guide values only. The exact quantity of oil depends on the marks on the oil dipstick.
- The oil viscosity has to correspond to the data given on the name plate.
- The gear units are supplied with radial shaft seals. Other sealing variants on request.
- Directions of rotation referring to output shaft.

在尺寸图上用标箭的符号说明如下：

① = 油尺
② = 通气孔
③ = 放油孔
④ = 加油孔

Explanation of symbols used in the dimensioned drawings:

① = Oil dipstick
② = Breather
③ = Oil drain
④ = Oil filler

地脚螺栓的最低强度等级为 8.8 级。

Foundation bolts of min. proerty class 8.8.

齿轮箱 选型指南 恒定功率

Gear Units Guidelines for the Selection Constant Mechanical Power

1. 确定齿轮箱类型和规格
Determination of gear unit type and size

1.1 确定传动比
Find the transmission ratio

$$i_N = \frac{n_1}{n_2}$$

1.2 确定齿轮箱额定功率
Determine nominal power rating of the gear unit

$$P_{2N} \geq P_2 \times f_1 \times f_2 \times S_H$$

如果不满足下列条件，请与我们联系。
It is not necessary to consult us, if:

$$3.33 \times P_2 \geq P_{2N}$$

1.3 校核最大扭矩，例如峰值工作扭矩、起动扭矩或制动扭矩；
Check for maximum torque, e. g. peak operating-, starting- or braking torque

$$P_{2N} \geq \frac{T_A \times n_1}{9550} \times f_3$$

根据 i_N 和 P_{2N} 在额定功率表中确定的齿轮箱的规格和传动级数
Gear unit sizes and number of reduction stages are given in rating tables depending on i_N and P_{2N}

1.4 校核输出轴上允许附加作用力，见第 295 和 296 页
Check whether additional forces on the output shaft are permissible; see pages 295 and 296

1.5 校核实际传动比见第 291 至 294 页
Check whether the actual ratio i as per tables on pages 291 - 294 is acceptable

	安装方式 / Mounting position	
	卧式安装 / Horizontal	立式安装 / Vertical
2. 确定供油方式 **Determination of oil supply**	可供选择润滑油供给方式： – 飞溅润滑 – 浸油润滑 所有需润滑的零部件均浸在润滑油中 – 强制润滑 All parts to be lubricated are lying in the oil or are splash lubricated Forced lubrication on request	可供选择的润滑油供给方式： – 浸油润滑 – 采用法兰装或电动泵进行强制润滑 优选供给方式和选择标准见第 373 至 388 页 Possible oil supply variations: – Dip lubrication – Forced lubrication by means of flanged-on pump or motor pump For preferred variants and criteria for selection, see pages 373 - 388

齿轮箱 选型指南 热容量计算

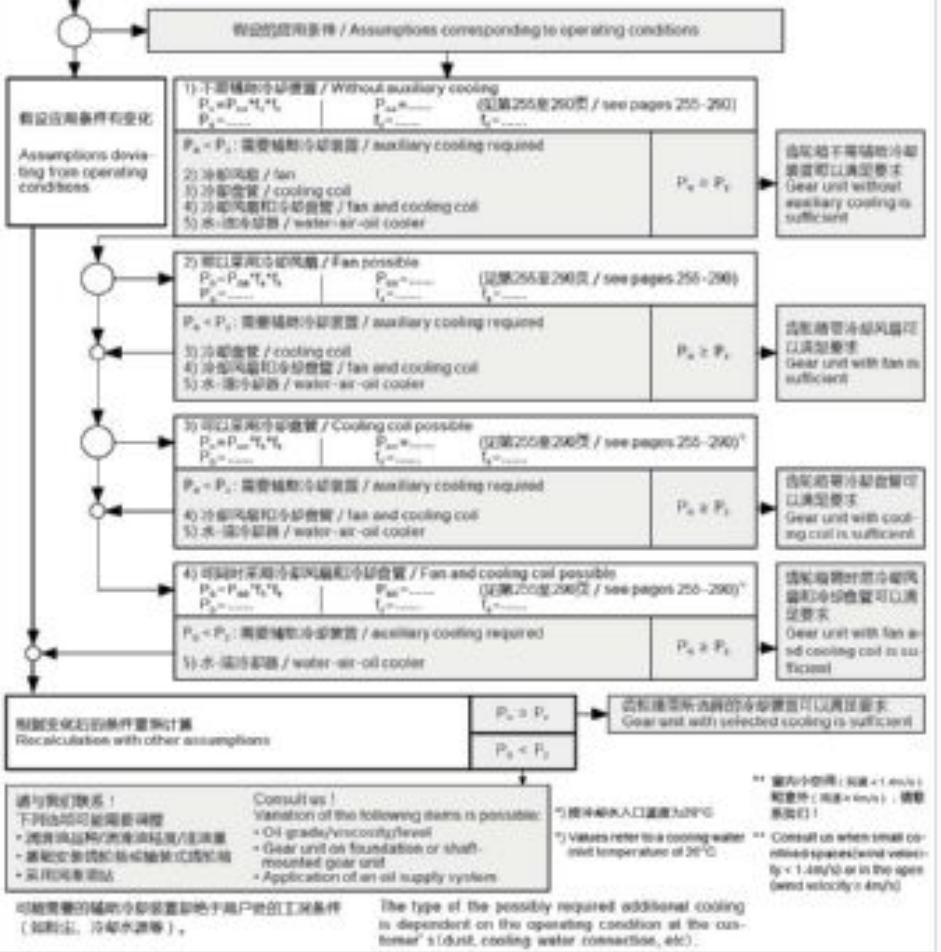
Gear Units Guidelines for the Selection Thermal Capacity

3.确定所需的热容量 P_v
需要的数据
- 类型 • 规格
- 额定传动比
- 环境温度
- 输入转速 (1000/1200/1500/1800 min⁻¹)
- 齿轮箱采用浸油润滑

计算依据如下假设：
- 工作周期：100%/h
- 室内大空间 ** 安装 (4m/s > 风速 > 1.4m/s)
  海拔高度至 1000 m
- 齿轮箱采用矿物油 ISO-VG 460 润滑

3.Determination of required thermal capacity P_v
Data required:
- Type • Size
- Nominal ratio
- Ambient temperature
- Input speed (1000/1200/1500/1800 min⁻¹)
- Gear unit with lubrication

For the calculation below the following has been assumed:
- Operating cycle : 100%/h
- Installation in a large hall ** (6m/s > wind velocity > 1.4m/s)
  Altitude up to 1000 m
- Gear unit with mineral oil ISO-VG 460



齿轮箱 选型指南 可变功率

Gear Units Guidelines for the Selection Variable Power Rating

在以恒定转速和可变功率运行得工作机上，其齿轮箱是根据当量功率配置的。因此在一个工作周期中，其不同阶段Ⅰ，Ⅱ… n 需要的功率分别为P_1，P_2，P_n，且各功率分量与各自的时间分量：X_1，X_2…Xn相对应。根据这些数据按下列公式计算当量功率 P_{eq}:

For driven machines with constant speeds and variable power ratings the gear unit can be designed according to the equivalent power rating. For this, a working cycle whose phases I, II ... n require power P_1, P_2, P_n and the respective power ratings operate for time fractions X_1, X_2... Xn is taken as a basis. The equivalent power rating can be calculated from these specifications with the formula

$$P_{2eq} = \sqrt[6.6]{P_1^{6.6} \times \frac{X_1}{100} + P_2^{6.6} \times \frac{X_2}{100} + \dots P_n^{6.6} \times \frac{X_n}{100}}$$

然后按照第 1.1 … 1.5 和第 3 步确定齿轮箱规格，需满足：

The size of the gear unit can be determined analogously to points 1, 1 ... 1.5 and 3, as follows:

$$P_{2N} \geq P_{2eq} \times f_1 \times f_2 \times S_A$$

然后，在 P_{2N} 确定后，按照以下条件检验各个时间分量及其相对应的功率分量：

1) 各个功率分量 P_1，P_2 … P_n 应大于 $0.4 \times P_{2N}$。

2) 各个功率分量 P_1，P_2 … P_n 不能超过 $1.4 \times P_{2N}$。

3) 功率分量 P_1，P_2 … P_n 中大于 P_{2N} 的分量所对应的时间分量 X_1，X_2…Xn 总和不超过 10%。

如果以上三个条件中的任何一项不满足，则必须重新计算 P_{eq}。

特别须加以注意的是在计算 P_{eq} 时没有计入的短时峰值功率不能大于 $P_{max} = 2 \times P_{2N}$。

Then, when P_{2N} has been determined, the power and time fractions must be checked by applying the following requirements:

1) The individual power fractions P_1, P_2 ... P_n must be greater than $0.4 \times P_{2N}$
2) The individual power fractions P_1, P_2 ... P_n must not exceed $1.4 \times P_{2N}$
3) If power fractions P_1, P_2 ... P_n are greater than P_{2N}, the sum of time fractions X_1, X_2... Xn must not exceed 10%

If any one of the three requirements is not met, P_{2eq} must be recalculated.

It must be borne in mind that a brief peak power rating not included in the calculation of P_{2eq} must not be greater than $P_{max} = 2 \times P_{2N}$

在以可变扭矩和恒定转速运行的情况下，齿轮箱应按当量扭矩计算。

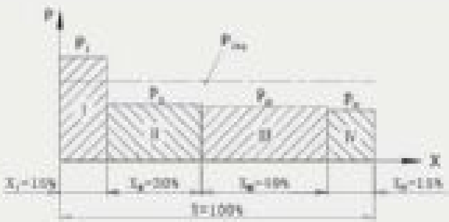
In applications where the **torque is variable** but the **speed constant** the gear unit can be designed on the basis of the so-called **equivalent torque**.

对某些特定应用，按有限寿命选择的齿轮箱便可以满足使用了，如偶尔运作（船厂闸门机构）或者低速输出（$n_2 < 4 min^{-1}$）等。

A gear unit design which is **finite-life fatigue-resistant** can be sufficient for certain applications, for example, sporadic operation (lock-gate drives) or slow output speeds ($n_2 < 4 min^{-1}$)

示例：
载荷谱

Example:
Service classification



齿轮箱 符号说明

Gear Units Key to Symbols

符号说明:

E_D = 每小时工作周期，以 % 表示（例如 E_D = 80% / h）

f_1 = 工作机系数（表 1）见第251页

f_2 = 原动机系数（表 2）见第252页

f_3 = 峰值扭矩系数（表 3）见第252页

f_4 = 环境温度系数（表 4）见第252页

f_5 = 环境温度系数（表 5）见第252页

f_6 = 齿轮箱供油系数 对于立式安装齿轮箱见第252页（表 8）对于卧式安装齿轮箱 f_6 = 1

i = 实际传动比

i_N = 额定传动比

i_S = 要求传动比

n_1 = 输入转速（min^{-1}）

n_2 = 输出转速（min^{-1}）

P_G = 需要的热容量

P_{G1} = 齿轮箱的额定热容量 不带辅助冷却装置 见第 255 - 290 页

P_{G2} = 齿轮箱的额定热容量 带冷却风扇 见第 255 - 290 页

P_{G3} = 齿轮箱的额定热容量 带内置式冷却盘管 见第 255 - 290 页

P_{G4} = 齿轮箱的额定热容量 同时带内置式冷却盘管和冷却风扇 见第 255 - 290 页

P_{2N} = 齿轮箱的额定功率（kW）见第 253 - 287 页选型表

P_2 = 工作机的额定功率（kW）

t = 环境温度（℃）

T_A = 输入端最大扭矩 例如峰值工作扭矩 启动扭矩或制动扭矩（Nm）

T_{2N} = 额定输出扭矩（kNm）见第 254 - 288 页

S_A = 减速机安全系数（表 6）见第 252 页

Key to symbols:

E_D = Operating cycle per hour in % e.g. E_D = 80% / h

f_1 = Factor for driven machine (table 1) page 251

f_2 = Factor for prime mover (table 2) page 252

f_3 = Peak torque factor (table 3) page 252

f_4 = Thermal factors (table 4) page 252

f_5 = Thermal factors (table 5) page 252

f_6 = Oil supply factor for vertical gear units (table 8) page 252 For horizontal gear units f_6=1

i = Actual ratio

i_N = Nominal ratio

i_S = Required ratio

n_1 = Input speed (min^{-1})

n_2 = Output speed (min^{-1})

P_G = Required thermal capacity

P_{G1} = Thermal capacity for gear units without auxiliary cooling, pages 255-290

P_{G2} = Thermal capacity for gear units with fan cooling, pages 255-290

P_{G3} = Thermal capacity for gear units with built-in cooling coil, pages 255-290

P_{G4} = Thermal capacity for gear units with built-in cooling coil and fan, pages 255-290

P_{2N} = Nominal power rating of gear unit (kW) see rating tables, pages 253-287

P_2 = Power rating of driven machine (kW)

t = Ambient temperature (°C)

T_A = Max. torque occurring on input shaft e.g. peak operating-, starting- or braking torque (Nm)

T_{2N} = Nominal output torque (kNm) pages 254-288

S_A = Safety coefficient of reducer (table 6) pages 252

P_{2eq} = 当量功率（kW）

P_1,P_2,P_n = 与载荷谱对应的功率分量（kW）

X_1,X_2,Xn = 与载荷谱对应的时间分量（%）

P_{2eq} = Equivalent power rating (kW)

P_1,P_2,P_n = Fractions of power rating (kW) obtained from service classification

X_1,X_2,Xn = Fractions of time (%) obtained from service classification

齿轮箱 选型指南 计算示例

Gear Units Guidelines for the Selection Calculation Example

已知:

驱动机
电机功率： P_1 = 75 kW
电机转速： n_1 = 1500 min^{-1}
最大起动扭矩： T_A = 720 Nm

工作机
皮带输送机功率： P_2 = 66 kW
转速： n_2 = 26 min^{-1}
每天运行时间： 12 h / 日
每小时起动次数： 7
每小时工作周期： E_m = 100%
环境温度： 30 °C
室内大空间安装： 风速 ≥ 1.4 m/s
海拔高度： 海平面
重要性与安全要求： 一般

齿轮箱设计
直交轴齿轮箱
安装方式： 卧式安装
输出轴 d_2： 位于齿轮箱右侧，布置形式C，实心轴
输出轴 d_2 的旋转方向： 逆时针旋转

要求：
选择齿轮箱类型和规格

1. 选择齿轮箱类型和规格

1.1 确定传动比

$$i_N = \frac{n_1}{n_2} = \frac{1500}{26} = 57.7 \qquad i_N = 56$$

1.2 确定齿轮箱额定功率

$$P_{2N} \geq P_2 \times f_1 \times f_2 \times S_F = 66 \times 1.3 \times 1 \times 1.1 = 94.38\ kW$$

从功率表中选择齿轮型 MTB3SH，齿轮箱规格 9，对应的额定功率 P_{2N} = 100 kW

$$3.33 \times P_2 \geq P_{2N} \quad 3.33 \times 66 = 219.8\ kW > P_{2N}$$ 满足要求 It is not necessary to consult us

1.3 起动扭矩校核

$$P_{2N} \geq \frac{T_A \times n_1}{9550} \times f_2 = \frac{720 \times 1500}{9550} \times 0.85 = 73.5\ kW \qquad P_{2N} = 100\ kW > 73.5\ kW$$

2. 确定润滑油供给方式
齿轮箱采用浸油润滑

Known criteria:

PRIME MOVER
Electric motor: P_1 = 75 kW
Motor speed: n_1 = 1500 min^{-1}
Max. starting torque: T_A = 720 Nm

DRIVEN MACHINE
Belt conveyor: P_2 = 66 kW
Speed: n_2 = 26 min^{-1}
Duty: 12 h / day
Starts per hour: 7
Operating cycle per hour: E_m = 100%
Ambient temperature: 30 °C
Installation in a large hall: wind velocity ≥ 1.4 m/s
Altitude: sea level
Reliability: normal

GEAR UNIT DESIGN
Bevel-helical gear unit
Mounting position: horizontal
Output shaft d_2: on right-hand side design C, solid shaft
Direction of rotation of output shaft d_2: CCW

Required:
Type and size of gear unit

1. Selection of gear unit type and size

1.1 Calculation of transmission ratio

$$i_N = \frac{n_1}{n_2} = \frac{1500}{26} = 57.7 \qquad i_N = 56$$

1.2 Determination of the gear unit nominal power rating

$$P_{2N} \geq P_2 \times f_1 \times f_2 \times S_F = 66 \times 1.3 \times 1 \times 1.1 = 94.38\ kW$$

Selected from power rating table: type MTB3SH, gear unit size 9, with P_{2N} = 100 kW

$$3.33 \times P_2 \geq P_{2N} \quad 3.33 \times 66 = 219.8\ kW > P_{2N}$$ It is not necessary to consult us

1.2 Checking the starting torque

$$P_{2N} \geq \frac{T_A \times n_1}{9550} \times f_2 = \frac{720 \times 1500}{9550} \times 0.85 = 73.5\ kW \qquad P_{2N} = 100\ kW > 73.5\ kW$$

2. Determination of oil supply
Gear unit with dip lubrication

齿轮箱 选型指南 计算示例

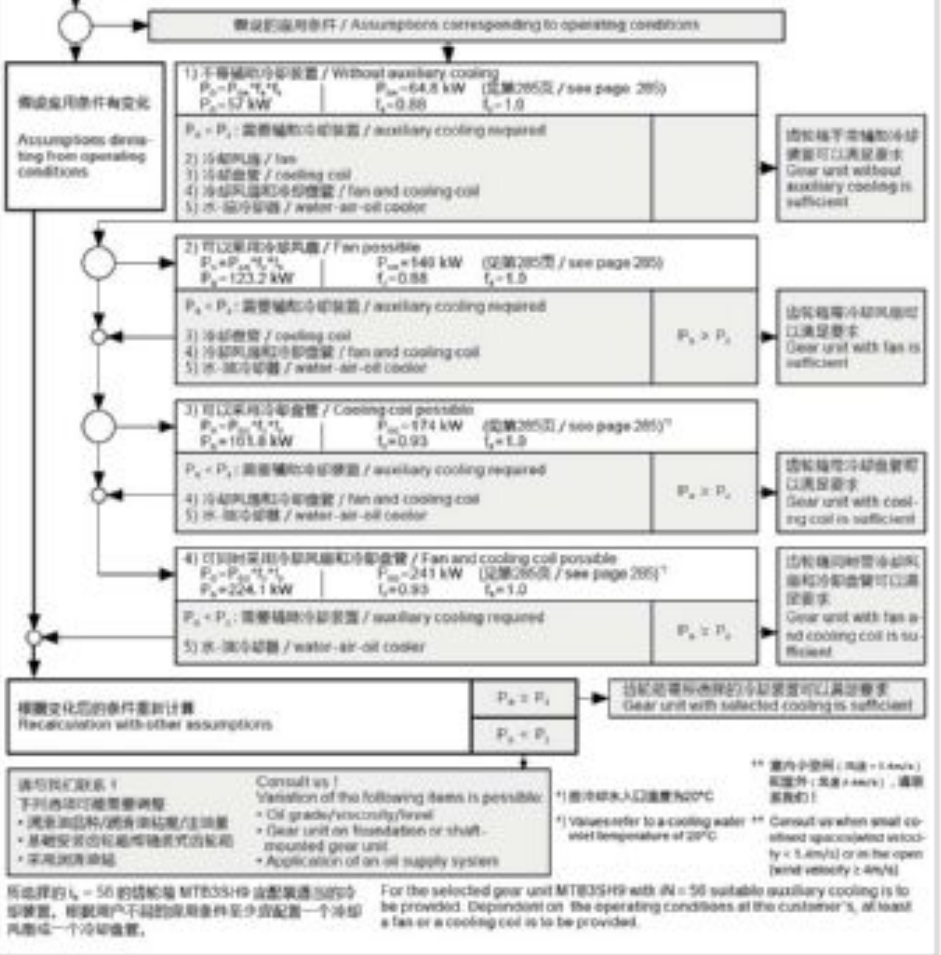
Gear Units Guidelines for the Selection Calculation Example

3.确定所需的热容量 P_N
需要的数据
• 类型 MTB3SH • 规格 09
• 额定传动比 : i_N = 56
• 环境温度 : t = 30 °C
• 输入转速 : n_1 = 1500 min^{-1}
• 齿轮箱采用矿物油润滑

计算依据如下假设：
• 工作周期：100%/h
• 室内大空间 ** 安装 (4m/s > 风速 ≥ 1.4m/s)
海拔高度至 1000 m
• 齿轮箱采用矿物油 ISO-VG 460 润滑

3.Determination of required thermal capacity P_N
Data required
• Type MTB3SH • Size 09
• Nominal ratio : i_N = 56
• Ambient temperature : t = 30 °C
• Input speed : n_1 = 1500 min^{-1}
• Gear unit with lubrication

For the calculation below the following has been assumed:
• Operating cycle : 100%/h
• Installation in a large hall ** (4m/s > wind velocity > 1.4m/s)
Altitude up to 1000 m
• Gear unit with mineral oil ISO-VG 460



*) 供冷却水入口温度为20°C

*) Values refer to a cooling water inlet temperature of 20°C

** 室内大空间（风速 < 1.4m/s）和室外（风速 ≥ 4m/s），请联系我们！

** Consult us when small confined spaces(wind velocity < 1.4m/s) or in the open (wind velocity ≥ 4m/s)

所选择的 i_N = 56 的齿轮箱 MTB3SH9 应配装适当的冷却装置，根据用户不同的运用条件至少应配置一个冷却风扇或一个冷却盘管。

For the selected gear unit MTB3SH9 with i_N = 56 suitable auxiliary cooling is to be provided. Dependent on the operating conditions at the customer's, at least a fan or a cooling coil is to be provided.

齿轮箱 服务系数　Gear Units Service Factors

表 1 工作机系数 f_1 / Table 1 Factor for driven machine f_1

工作机	Driven machines	日运行时间 ≤ 0.5 h	> 0.5 - 10 h	> 10 h
污水处理	**Waste water treatment**			
浓缩器（中心传动）	Thickeners (central drive)	–	–	1.2
压滤机	Filter presses	1.0	1.3	1.5
絮凝器	Flocculation apparatus	0.8	1.0	1.3
曝气机	Aerators	–	1.8	2.0
耙集设备	Raking equipment	1.0	1.2	1.3
纵向、回转组合式耙集装置	Combined longitudinal and rotary rakes	1.0	1.3	1.5
预浓缩器	Pre-thickeners	–	1.1	1.3
螺杆泵	Screw pumps	–	1.3	1.5
水轮机	Water turbines	–	–	2.0
泵	**Pumps**			
离心泵	Centrifugal pumps	1.0	1.2	1.3
容积式泵	Positive-displacement pumps			
1个活塞	1 piston	1.3	1.4	1.8
>1个活塞	> 1 piston	1.2	1.4	1.5
挖泥机	**Dredgers**			
斗式输送机	Bucket conveyors	–	1.6	1.6
倾卸装置	Dumping devices	–	1.3	1.5
履带式行走机构	Caterpillar travelling gears	1.2	1.6	1.8
斗轮式挖掘机	**Bucket wheel excavators**			
用于拾取物料	as pick-up	–	1.7	1.7
用于原生物料	for primitive material	–	2.2	2.2
切割机头	Cutter heads	–	2.2	2.2
回转机构 *	Slewing gears *	–	1.4	1.8
弯板机 *	**Plate bending machines** *	–	1.0	1.0
化学工业	**Chemical industry**			
挤出机	Extruders	–	–	1.6
调面机	Dough mills	–	1.8	1.8
橡胶压延机	Rubber calenders	–	1.5	1.5
冷却滚筒	Cooling drums	–	1.3	1.4
混合机，用于	**Mixers for**			
均匀介质	uniform media	1.0	1.3	1.4
非均匀介质	non-uniform media	1.4	1.6	1.7
搅拌机，用于	**Agitators for media with**			
密度均匀介质	uniform density	1.0	1.3	1.5
不均匀介质	non-uniform density	1.2	1.4	1.6
不均匀气体吸收	non-uniform gas absorption	1.4	1.6	1.8
烘炉	Toasters	1.0	1.3	1.5
离心机	Centrifuges	1.0	1.2	1.3
金属加工设备	**Metal working mills**			
翻板机	Plate tilters	1.0	1.0	1.2
推锭机	Ingot pushers	1.0	1.2	1.2
卷绕机	Winding machines	–	1.6	1.6
冷床横移架	Cooling bed transfer frames	–	1.5	1.5
辊式矫直机	Roller straighteners	–	1.6	1.6
辊道	**Roller tables**			
连续式	continuous	–	1.5	1.5
间歇式	intermittent	–	2.0	2.0
可逆式轧管机	Reversing tube mills	–	1.8	1.8
剪切机	**Shears**			
连续式 *	continuous *	–	1.5	1.5
曲柄式 *	crank type *	1.0	1.0	1.0
连铸机驱动装置 *	Continuous casting drivers *	–	1.4	1.4
轧机	**Rolls**			
可逆式开坯机	Reversing blooming mills	–	2.5	2.5
可逆式板坯轧机	Reversing slabbing mills	–	2.5	2.5
可逆式线材轧机	Reversing wire mills	–	1.8	1.8
可逆式薄板轧机	Reversing sheet mills	–	2.0	2.0
可逆式中厚板轧机	Reversing plate mills	–	1.8	1.8
辊缝调节驱动装置	Roll adjustment drives	0.9	1.0	–
输送机械	**Conveyors**			
斗式提升机	Bucket conveyors	–	1.4	1.5
绞车	Hauling winches	1.4	1.6	1.6
提升机	Hoists	–	1.5	1.6
皮带输送机 ≤150 kW	Belt conveyors ≤ 150 kW	1.0	1.2	1.3
皮带输送机 ≥150 kW	Belt conveyors ≥ 150 kW	1.1	1.3	1.4
货用电梯 *	Goods lifts *	–	1.2	1.5
客用电梯 *	Passenger lifts *	–	1.5	1.8
板式输送机	Apron conveyors	–	1.2	1.5
自动扶梯	Escalators	1.0	1.2	1.4
轨道行走机构	Rail travelling gears	–	1.5	–
变频装置	**Frequency converters**	–	1.8	2.0
往复式压缩机	**Reciprocating compressors**	–	1.8	1.9
起重机械 **	**Cranes** **			
回转机构 *	Slewing gears *	1.0	1.4	1.8
俯仰机构	Luffing gears	1.0	1.1	1.4
行走机构	Travelling gears	1.1	1.6	2.0
起升机构	Hoisting gears	1.0	1.1	1.4
臂架式起重机	Derricking jib cranes	1.0	1.2	1.6
冷却塔	**Cooling towers**			
冷却塔风扇	Cooling tower fans	–	–	2.0
风机（轴流和离心式）	Blowers (axial and radial)	–	1.4	1.5
食品工业	**Food industry**			
蔗糖生产	**Cane sugar production**			
甘蔗切碎机 *	Cane knives *	–	–	1.7
甘蔗碾磨机	Cane mills	–	–	1.7
甜菜糖生产	**Beet sugar production**			
甜菜切丝浸渍机	Beet cossettes macerators	–	–	1.2
萃取机	Extraction plants	–	–	1.4
机械制冷机	Mechanical refrigerators			
蒸煮机	Juice boilers			
甜菜清洗机	Sugar beet washing machines	–	–	1.5
甜菜切丝机	Sugar beet cutters			
造纸机械	**Paper machines**			
各种类型 ***	of all kind ***	–	1.8	2.0
碎浆机驱动装置（需询问）	Pulper drives (on request)			
离心式压缩机	**Centrifugal compressors**	–	1.4	1.5
索道缆车	**Cableways**			
货运索道	Material ropeways	–	1.3	1.4
往复式空中索道	To-and-fro system aerial ropeways	–	1.6	1.8
T型拖牵式索道	T-bar lifts	–	1.3	1.4
循环式索道	Continuous ropeways	–	1.4	1.6
水泥工业	**Cement industry**			
混凝土搅拌机	Concrete mixers	–	1.5	1.5
破碎机 *	Breakers *	–	1.2	1.4
回转窑	Rotary kilns	–	–	2.0
管式磨机	Tube mills	–	–	2.0
选粉机	Separators	–	1.6	1.6
辊压机	Roll crushers	–	–	2.0

工作机的额定功率 P_2 的确定：
*）按最大扭矩确定额定功率
**）可将载荷准确地分类，例如根据FEM 1001 进行分类
***）检验热容量是绝对必要的
所列各项系数均为经验值，使用这些系数的前提条件是所述机械设备均符合通常的设计规范和载荷条件。如遇特殊情况，请与我们联系。对于表中未列入的工作机械，请与我们联系。
1）日有效运行时间，以小时计算

Design for power rating of driven machine P_2:
*) Designed power corresponding to max. torque
**) Load can be exactly classified, for instance, according to FEM 1001
***) A check for thermal capacity is absolutely essential
The listed factors are empirical values. Prerequisite for their application is that the machinery and equipment mentioned correspond to generally accepted design and load specifications. In case of deviations from standard conditions, please refer to us. For driven machines which are not listed in this table, please refer to us.
1) Effective daily operating period under load in hours

表 2 原动机系数 f_2 / Table 2 Factor for prime mover f_2

原动机	Prime mover	f_2
电机、液压马达、汽轮机	Electric motors, hydraulic motors, turbines	1.0
4 - 6 缸活塞发动机，周期变化 1：100 至 1：200	Piston engines 4 - 6 cylinders, cyclic variation 1 : 100 to 1 : 200	1.25
1 - 3 缸，活塞发动机，周期变化最高达 1：100	Piston engines 1 - 3 cylinders, cyclic variation up to 1 : 100	1.5

表 3 峰值扭矩系数 f_3 / Table 3 Peak torque factor f_3

每小时峰值载荷次数 / Load peaks per hour	1 - 5	6 - 30	31 - 100	> 100
单向载荷 / Steady direction of load	0.5	0.65	0.7	0.85
交变载荷 / Alternating direction of load	0.7	0.95	1.10	1.25

表 6 安全系数 / Table 6 Safety coefficient

重要性与安全要求 Importance and safety requirements	一般设备，减速机失效仅引起单机停产且易更换备件 The failure of ordinary equipment and reducer can only result in production halts of single machine and replace spare parts	重要设备，减速机失效引起机组、生产线或全厂停产 The failure of ordinary equipment and reducer can only result in production halts of machines, production lines or the whole factory	高度安全要求，减速机失效引起设备、人身事故 Higher safety requirements the failure of reducer can cause the accident of equipment and human body
S_A	1.1-1.3	1.3-1.5	1.5-1.7

表 4 环境温度系数（不带辅助冷却装置或仅带冷却风扇进行冷却） f_4
Table 4 Thermal factor (Gear units without auxiliary cooling or with fan) f_4

环境温度 / Ambient	10°C	15°C	20°C	25°C	30°C	35°C	40°C	45°C	50°C
f_4	1.11	1.06	1.00	0.94	0.88	0.82	0.75	0.69	0.63

表 5 环境温度系数（带冷却盘管或同时带冷却盘管和冷却风扇） f_4
Table 5 Thermal factor (For cooling with cooling coil, or with fan and cooling coil) f_4

环境温度 / Ambient	10°C	15°C	20°C	25°C	30°C	35°C	40°C	45°C	50°C
f_4	1.05	1.03	1.00	0.97	0.93	0.90	0.87	0.84	0.81

表 8 立式安装齿轮箱供油系数，对于卧式安装齿轮箱 $f_8 = 1.0$，当采用强制润滑时 $f_8 = 1.05$ f_8
Table 8 Oil supply factor for vertical gear units. For horizontal gear units $f_8 = 1.0$, and in case of forced lubrication $f_8 = 1.05$

齿轮箱类型 Gear unit type	供油方式 Oil supply	规格 / Sizes 4 - 12：不带辅助冷却装置 without Auxiliary cooling	带冷却风扇 with Fan	带冷却盘管 with Cooling coil	带冷却风扇和冷却盘管 with Fan and cooling coil	规格 / Sizes 13 - 18：不带辅助冷却装置 without Auxiliary	带冷却风扇 with Fan	带冷却盘管 with Cooling coil	带冷却风扇和冷却盘管 with Fan and cooling coil
MTH2.V MTH3.V MTH4.V	浸油润滑 Dip lubrication	0.95	+	0.95	+	+	+	+	+
	强制润滑 Forced lubrication	1.15	+	1.05	+	1.15	+	1.05	+
MTB2.V MTB3.V MTB4.V	浸油润滑 Dip lubrication	0.95	0.95	0.95	0.95	+	+	+	+
	强制润滑 Forced lubrication	1.15	1.10	1.10	1.10	1.15	1.10	1.10	1.10

+）请与我们联系　+) On request

齿轮箱 额定功率
类型 MTH1.. / 规格 3-26

Gear Units Nominal Power Ratings
Type MTH1.. / Sizes 3-26

额定功率 P_{2N} (kW) / Nominal power ratings P_{2N} (kW)

i_N	n_1	n_2	齿轮箱规格 / Gear unit sizes 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.25	1800	1440	437		1006		2201*		3734*																	
	1500	1200	364		1005		1909		3133																	
	1200	960	291		804		1527		2462																	
	1000	800	242		670		1273		2099																	
1.4	1800	1286	417		1004		2141*		3447*																	
	1500	1071	347		919		1783		2970																	
	1200	857	278		735		1429		2297																	
	1000	714	231		613		1188		1913																	
1.6	1800	1125	388		1013		1920*		3182*																	
	1500	938	324		844		1600		2661		4518															
	1200	750	259		675		1280		2128		3612															
	1000	625	215		562		1066		1773		3010		4410													
1.8	1800	1000	282		921		1821*		2931*		4984*															
	1500	833	235		767		1517		2442		4153															
	1200	667	188		614		1215		1955		3324		4951*													
	1000	556	157		512		1013		1630		2771		4127													
2	1800	900	263		885		1677*		2704*		4627*															
	1500	750	219		738		1397		2253		3856															
	1200	600	175		590		1118		1803		3084		4580*													
	1000	500	146		492		931		1502		2570		3818													
2.24	1800	804	235		808		1498*		2416*		4269*															
	1500	670	196		673		1248		2013		3549															
	1200	536	157		539		999		1610		2839		4220*													
	1000	446	130		448		831		1340		2363		3511													
2.5	1800	720	218		723		1341*		2163*		3814*															
	1500	600	182		603		1118		1803		3179		4837*													
	1200	480	146		482		894		1442		2543		3870*													
	1000	400	121		402		745		1202		2119		3225		4900											
2.8	1800	643	208		646		1151*		1831*		3406*															
	1500	536	173		538		959		1526		2839		4321*													
	1200	429	139		431		768		1221		2273		3464*													
	1000	357	115		358		639		1016		1891		2878		4485											
3.15	1800	571	185		573		1040		1680		2875*		4370*													
	1500	476	154		478		867		1400		2397		3643													
	1200	381	123		382		694		1121		1919		2916		4847*											
	1000	317	102		318		577		932		1596		2426		4116											
3.55	1800	507	169		504		944		1518		2665*		3949*													
	1500	423	141		420		788		1266		2223		3295													
	1200	338	113		336		629		1012		1776		2633		4459*											
	1000	282	94		280		525		844		1482		2106		3720											
4	1800	450	150		452		836		1362		2384*		3567*													
	1500	375	125		376		698		1126		1986		2972													
	1200	300	100		301		558		901		1589		2376		4083*											
	1000	250	83		251		465		751		1324		1981		3403		4528									
4.5	1800	400	104		322		661		1030		1926		2580*		4565*											
	1500	333	87		269		550		857		1603		2147		3800											
	1200	267	69		215		441		687		1286		1722		3047		4081*									
	1000	222	58		179		367		571		1069		1431		2533		3393									
5	1800	360	90		271		526		865		1458		2197*		3581*		4674*									
	1500	300	75		226		433		738		1215		1831		2984		3895*									
	1200	240	60		180		346		580		972		1465		2387		3116*		4372*							
	1000	200	50		150		289		492		810		1220		1989		2596		3643							
5.6	1800	321	77		231		440		675		1226		1862*		3008*		3960*									
	1500	268	64		193		367		564		1034		1564		2538		3311*		4206*							
	1200	214	51		154		293		450		817		1241		2025		2644		3361*							
	1000	179	43		129		245		376		684		1038		1694		2211		2811							

□ 卧式安装齿轮箱应采用强制润滑
* 请与我们联系

□ Forced lubrication required on hourizontal gear units
* Gear units only on request

齿轮箱 额定输出扭矩
类型 MTH2.. / 规格 4-26

Gear Units Nominal Output Torques
Type MTH2.. / Sizes 4-26

额定输出扭矩 T_{2N} (kNm) Nominal output torques T_{2N} (kNm)

i_N	齿轮箱规格 / Gear unit sizes 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.25	2.9		6		15.2		24.7																	
1.4	3.1		6.2		15.9		25.6																	
1.6	3.3		6.6		16.3		27.1		46		67.4													
1.8	2.7		5.8		17.4		28		47.6		70.9													
2	2.8		5.4		17.8		28.7		49.1		72.9		129											
2.24	2.9		5.6		17.8		28.7		50.6		75.2		130											
2.5	2.9		5.6		17.8		28.7		50.6		77		117											
2.8	3.1		5.6		17.1		27.2		50.6		77		120		171									
3.15	3.1		5.6		17.4		28.1		48.1		73.1		124		173									
3.55	3.2		5.5		17.8		28.6		50.2		74.4		126		173									
4	3.2		5.6		17.8		28.7		50.6		75.7		130		173		245							
4.5	2.9		7.7		15.8		24.6		46		61.6		109		146		216							
5	2.4		7.2		13.8		23.5		38.7		58.3		93		124		174							
5.6	2.3		5.9		13.1		20.1		34.5		55.4		90.4		118		160							
6.3		6.3	10.7		20.3		33.7		58.3		86		143		195		292							
7.1		6.5	11.2		20.3		33.7		58.3		86		143	168	195	230	292	335	410					
8		6.7	11.2	13.5	20.3	25.6	33.7	42.2	58.3	73.6	86	107	143	168	195	230	292	335	410	458				
9		6.7	11.2	14.4	20.3	25.6	33.7	42.2	58.3	73.6	86	107	143	168	195	230	292	335	410	458	540			
10		6.3	10.5	14.4	20.3	25.6	33.7	42.2	58.3	73.6	86	107	143	168	195	230	292	335	410	458	540	620		
11.2		6.3	10.6	14.4	20.3	25.6	33.7	42.2	58.3	73.6	86	107	143	168	195	230	292	335	410	458	540	620	780	
12.5		6.7	11.2	13.5	20.2	25.6	33.7	42.2	58.3	73.6	86	107	143	168	195	230	292	335	410	458	540	620	780	880
14		6.7	11.2	13.5	20.3	25.6	33.7	42.2	58.3	73.6	86	107	143	168	195	230	292	335	410	458	540	620	780	880
16		6.7	11.2	14.4	20.3	25.6	33.7	42.2	58.3	73.6	86	107	143	168	195	230	292	335	410	458	540	620	780	880
18		6.3	10.5	14.4	19	25.6	33.7	42.2	58.3	73.6	86	107	143	168	195	230	292	335	410	458	540	620	780	880
20		6.6	11.2	14.4	19	25.6	33.7	42.2	58.3	73.6	86	107	143	168	195	230	292	335	410	458	540	620	780	880
22.4		6.3	10.9	13.5	19.8	24	33.1	42.2	58.3	73.6	86	107	153	168	200	230	300	335	420	458	560	620	800	880
25			11.6	14.3	21.7	24	35.7	42.2	60.5	73.6	86	107	153	173	200	240	300	345	420	470	560	640	800	900
28			11.6	13.8	21.7	25	35.7	41.6	60.5	72.5	86	109	153	173	200	240	300	345	420	470	560	640	800	900
31.5			11.6	15.5	21.7	27.2	35.7	43.6	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	900
35.5			11.6	15.5	21.7	27.2	35.7	43.6	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	900
40			11.6	15.5	21.7	27.2	35.7	43.6	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	900
45			11.6	15.5	21.7	27.2	35.7	43.6	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	900
50			11.6	15.5	21.7	27.2	35.7	43.6	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	900
56			11.6	15.5	21.7	27.2	35.7	43.6	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	900
63			11.6	15.5	21.7	27.2	35.7	43.6	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	900
71			11.6	15.5	21.7	27.2	35.7	43.6	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	900
80			11.6	15.5	21.7	27.2	35.7	43.6	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	900
90			11.6	15.5	20	27.2	34.5	43.6	60.5	77.2	86	109	153	173	200	240	290	345	410	470	560	640	800	900
100				14.5	21.7	27.2	35.7	43.6	61.6	77.2	90.7	109	153	173	200	226	300	335	420	485	560	640	800	900
112				15	21.7	25.2	35.7	42.6	61.6	77.2	90.7	109	153	173	200	240	300	345	420	470	560	640	800	900
125					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
140					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
160					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
180					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
200					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
224					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
250					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
280					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
315					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
355					19.8	27.2	35.7	44.2	61.6	78	90.7	113	140	173	192	240	290	345	410	470	560	640	800	900
400						27.2		44.2		78		113		158		220		335		485		640		900
450						25.3		42.8		78		113												

齿轮箱 热容量 / n_1=1000 min^{-1}
型号 MTH1.. / 规格 3-26

Gear Units Thermal Capacities / n_1=1000 min^{-1}
Type MTH1.. / Sizes 3-26

i_N		热容量 P_G (kW) / Thermal capacities P_G (kW) 齿轮箱规格 / Gear unit sizes 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.25	P_{GA}	63.2		*		*		*																	
	P_{GB}	187		402		517		536																	
	P_{GC}	271		639		911		1288																	
	P_{GD}	377		934		1322		1783																	
1.4	P_{GA}	65.4		*		*		*																	
	P_{GB}	186		409		534		578																	
	P_{GC}	264		629		892		1277																	
	P_{GD}	366		916		1298		1760																	
1.6	P_{GA}	66.6		*		*		*		*		*													
	P_{GB}	183		412		540		636		729		516													
	P_{GC}	248		595		830		1230		2657		2450													
	P_{GD}	347		805		1214		1706		2838		3313													
1.8	P_{GA}	79.9		*		*		*		*		*													
	P_{GB}	205		410		581		656		821		674													
	P_{GC}	289		961		919		1187		2926		2417													
	P_{GD}	376		827		1196		1650		2802		3264													
2	P_{GA}	78.5		156		*		*		*		*		*		*		*							
	P_{GB}	187		397		549		651		852		757		*		*		*							
	P_{GC}	256		531		778		1130		1955		2368		2573		*		*							
	P_{GD}	368		779		1139		1573		2700		3190		3116		*		*							
2.24	P_{GA}	76		150		*		*		*		*		*		*		*							
	P_{GB}	189		392		520		645		887		851		523		*		*							
	P_{GC}	241		496		704		1063		1804		2290		2048		*		*							
	P_{GD}	338		733		1029		1485		2588		2934		3073		*		*							
2.5	P_{GA}	72.6		136		*		*		*		*		*		*		*							
	P_{GB}	175		362		494		621		894		868		621		*		*							
	P_{GC}	216		459		649		986		1753		2174		2016		*		*							
	P_{GD}	304		679		950		1381		2437		2955		2996		*		*							
2.8	P_{GA}	69.6		105		133		*		*		*		*		*		*							
	P_{GB}	184		340		511		649		869		802		707		509		*							
	P_{GC}	199		413		655		994		1625		2034		1957		2303		*							
	P_{GD}	281		620		959		1393		2265		2770		2852		3223		*							
3.15	P_{GA}	73		127		189		217		*		*		*		*		*							
	P_{GB}	161		348		601		731		1019		1128		1148		1040		*							
	P_{GC}	193		416		769		1091		1952		2575		2179		2517		*							
	P_{GD}	270		612		1145		1548		2349		2844		3174		3624		*							
3.55	P_{GA}	67.6		127		178		208		*		*		*		*		*							
	P_{GB}	147		340		553		682		949		1078		1140		1096		*							
	P_{GC}	174		398		689		998		1519		1896		2027		2387		*							
	P_{GD}	244		580		1027		1497		2128		2693		2942		3412		*							
4	P_{GA}	81.9		118		167		186		336		*		*		*		*							
	P_{GB}	134		309		488		585		891		1024		1124		1132		1032							
	P_{GC}	155		353		604		826		1372		1715		1851		2212		*							
	P_{GD}	217		521		902		1179		1927		2364		2692		3158		*							
4.5	P_{GA}	69.7		129		183		238		267		304		*		*		*							
	P_{GB}	144		316		504		647		872		1107		1269		1307		1274							
	P_{GC}	165		364		599		908		1310		1783		1908		2227		*							
	P_{GD}	230		521		889		1294		1855		2474		2760		3170		*							
5	P_{GA}	63.9		125		184		228		290		340		*		*		*							
	P_{GB}	131		301		488		608		869		1067		1317		1541		1580							
	P_{GC}	147		333		564		801		1243		1686		1820		2424		*							
	P_{GD}	205		480		841		1145		1770		2348		2642		3447		*							
5.6	P_{GA}	57.2		111		166		226		277		311		*		*		*							
	P_{GB}	116		266		435		581		823		978		1135		1416		1680							
	P_{GC}	128		288		494		745		1164		1478		1608		2157		*							
	P_{GD}	179		425		739		1071		1803		2065		2338		3069		*							

* 请与我们联系

P_{GA} (kW) 齿轮箱不带辅助冷却装置**)
P_{GB} (kW) 齿轮箱带冷却风扇**)
P_{GC} (kW) 齿轮箱带内置冷却盘管**)
P_{GD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)

**) 表中数值按:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us

P_{GA} (kW) Gear units without auxiliary cooling **)
P_{GB} (kW) Gear units with fan **)
P_{GC} (kW) Gear units with built-in cooling coil **)
P_{GD} (kW) Gear units with fan and built-in cooling coil **)

**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1200 min^{-1}
型号 MTH1.. / 规格 3-26

Gear Units Thermal Capacities / n_1=1200 min^{-1}
Type MTH1.. / Sizes 3-26

i_N		热容量 P_G (kW) / Thermal capacities P_G (kW) 齿轮箱规格 / Gear unit sizes 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.25	P_{GA}	*		*		*		*																	
	P_{GB}	201		397		480		446																	
	P_{GC}	296		668		923		1264																	
	P_{GD}	432		1050		1468		1946																	
1.4	P_{GA}	*		*		*		*																	
	P_{GB}	201		410		507		501																	
	P_{GC}	289		660		913		1260																	
	P_{GD}	420		1033		1447		1932																	
1.6	P_{GA}	57		*		*		*		*		*													
	P_{GB}	200		424		533		584		528		*													
	P_{GC}	273		634		869		1246		1924		2576													
	P_{GD}	406		987		1365		1894		3045		3436													
1.8	P_{GA}	69.1		*		*		*		*		*													
	P_{GB}	225		429		570		633		670		*													
	P_{GC}	298		604		886		1225		1958		2157													
	P_{GD}	434		942		1352		1846		3049		3433													
2	P_{GA}	68.7		*		*		*		*		*		*		*		*							
	P_{GB}	218		418		562		638		718		*		*		*		*							
	P_{GC}	284		573		826		1173		1911		2150		1859		*		*							
	P_{GD}	413		889		1266		1765		2952		3380		3133		*		*							
2.24	P_{GA}	69.9		*		*		*		*		*		*		*		*							
	P_{GB}	216		408		541		647		702		605		*		*		*							
	P_{GC}	268		539		754		1117		1860		2148		1734		*		*							
	P_{GD}	391		839		1170		1675		2855		3305		3152		*		*							
2.5	P_{GA}	66		*		*		*		*		*		*		*		*							
	P_{GB}	195		389		518		639		810		691		*		*		*							
	P_{GC}	241		500		699		1040		1768		2073		1753		*		*							
	P_{GD}	352		778		1082		1561		2700		3196		3117		*		*							
2.8	P_{GA}	63.7		*		*		*		*		*		*		*		*							
	P_{GB}	183		366		540		667		812		738		*		*		*							
	P_{GC}	222		458		708		1057		1656		1969		1740		1854		*							
	P_{GD}	325		713		1095		1576		2520		3016		3041		3368		*							
3.15	P_{GA}	70.1		113		159		*		*		*		*		*		*							
	P_{GB}	181		385		658		789		1055		1109		1024		860		*							
	P_{GC}	217		463		848		1103		1798		2159		2175		2445		*							
	P_{GD}	314		707		1314		1777		2909		3194		3001		3951		*							
3.55	P_{GA}	65		114		153		*		*		*		*		*		*							
	P_{GB}	166		376		607		738		990		1072		1040		934		*							
	P_{GC}	196		443		761		1083		1629		1983		2040		2342		*							
	P_{GD}	284		676		1184		1816		2421		2930		3257		3736		*							
4	P_{GA}	60		108		147		156		*		*		*		*		*							
	P_{GB}	151		344		549		637		942		1040		1065		1018		875							
	P_{GC}	174		394		670		903		1482		1813		1894		2213		*							
	P_{GD}	252		603		1042		1362		2200		2673		3001		3488		*							
4.5	P_{GA}	68.4		121		169		211		*		*		*		*		*							
	P_{GB}	160		365		562		707		944		1166		1303		1283		1210							
	P_{GC}	186		397		689		1009		1436		1825		2012		2315		*							
	P_{GD}	268		604		1030		1495		2131		2823		3118		3568		*							
5	P_{GA}	63.2		121		174		211		248		*		*		*		*							
	P_{GB}	148		339		547		678		959		1171		1279		1081		1092							
	P_{GC}	166		375		633		804		1374		1843		1955		2577		*							
	P_{GD}	238		569		978		1326		2041		2684		3009		3907		*							
5.6	P_{GA}	56.6		107		157		202		257		*		*		*		*							
	P_{GB}	132		299		488		647		903		1064		1251		1453		1672							
	P_{GC}	148		334		566		839		1287		1816		1728		2293		*							
	P_{GD}	204		494		867		1240		1917		2769		2952		3478		*							

* 请与我们联系

P_{GA} (kW) 齿轮箱不带辅助冷却装置**)
P_{GB} (kW) 齿轮箱带冷却风扇**)
P_{GC} (kW) 齿轮箱带内置冷却盘管**)
P_{GD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)

**) 表中数值按:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us

P_{GA} (kW) Gear units without auxiliary cooling **)
P_{GB} (kW) Gear units with fan **)
P_{GC} (kW) Gear units with built-in cooling coil **)
P_{GD} (kW) Gear units with fan and built-in cooling coil **)

**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1500 min^{-1}
类型 MTH1.. / 规格 3-26

Gear Units Thermal Capacities / n_1=1500 min^{-1}
Type MTH1.. / Sizes 3-26

i_N		热容量 P_D (kW) / Thermal capacities P_D (kW) 齿轮箱规格 / Gear unit sizes																							
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.25	P_{DA}	*		*		*		*																	
	P_{DB}	210		372		408		*																	
	P_{DC}	307		686		946		1276																	
	P_{DD}	472		1517		1537		1991																	
1.4	P_{DA}	*		*		*		*																	
	P_{DB}	212		392		447		375																	
	P_{DC}	299		680		937		1285																	
	P_{DD}	469		1104		1323		1950																	
1.6	P_{DA}	*		*		*		*		*		*													
	P_{DB}	213		420		500		495		*		*													
	P_{DC}	284		680		894		1276		1844		2060													
	P_{DD}	436		1063		1452		1982		3039		3187													
1.8	P_{DA}	*		*		*		*		*		*													
	P_{DB}	241		435		554		575		*		*													
	P_{DC}	309		625		894		1259		1990		2161													
	P_{DD}	478		1019		1450		1953		3106		3328													
2	P_{DA}	*		*		*		*		*		*		*		*		*							
	P_{DB}	234		427		553		590		509		*		*		*		*							
	P_{DC}	295		593		852		1207		1947		2161		1626		*		*							
	P_{DD}	455		964		1382		1873		3026		3313		2826		*		*							
2.24	P_{DA}	*		*		*		*		*		*		*		*		*							
	P_{DB}	227		422		544		620		531		*		*		*		*							
	P_{DC}	278		598		779		1151		1902		2172		1719		*		*							
	P_{DD}	431		913		1264		1790		2964		3336		2963		*		*							
2.5	P_{DA}	*		*		*		*		*		*		*		*		*							
	P_{DB}	211		405		525		514		576		*		*		*		*							
	P_{DC}	251		518		723		1075		1810		2102		1748		*		*							
	P_{DD}	389		848		1172		1674		2819		3228		2972		*		*							
2.8	P_{DA}	50		*		*		*		*		*		*		*		*							
	P_{DB}	199		384		553		658		706		*		*		*		*							
	P_{DC}	231		475		733		1091		1698		2002		1748		1636		*							
	P_{DD}	359		777		1189		1699		2647		3075		2947		3087		*							
3.15	P_{DA}	63.8		*		*		*		*		*		*		*		*							
	P_{DB}	200		415		702		828		1055		1033		816		*		*							
	P_{DC}	226		481		881		1237		1806		2221		2223		2487		*							
	P_{DD}	348		779		1442		1941		2879		3304		3634		4035		*							
3.55	P_{DA}	59.8		*		*		*		*		*		*		*		*							
	P_{DB}	183		407		649		778		996		1014		803		678		*							
	P_{DC}	204		460		791		1124		1665		2042		2087		2387		*							
	P_{DD}	314		746		1301		1768		2617		3123		3397		3839		*							
4	P_{DA}	56.2		85.1		*		*		*		*		*		*		*							
	P_{DB}	166		374		591		677		994		1012		938		821		823							
	P_{DC}	181		410		696		937		1534		1870		1943		2253		*							
	P_{DD}	280		665		1147		1483		2387		2866		3159		3625		*							
4.5	P_{DA}	68.4		106		135		*		*		*		*		*		*							
	P_{DB}	180		369		611		795		994		1193		1261		1102		1069							
	P_{DC}	194		413		696		1049		1489		1902		2076		2382		*							
	P_{DD}	298		660		1137		1646		2330		3052		3309		3779		*							
5	P_{DA}	62.5		111		151		169		*		*		*		*		*							
	P_{DB}	165		373		599		738		1020		1227		1385		1360		1326							
	P_{DC}	173		390		659		936		1427		1911		2022		2660		*							
	P_{DD}	266		631		1080		1464		2242		2940		3255		4302		*							
5.6	P_{DA}	56		96.8		136		163		*		*		*		*		*							
	P_{DB}	146		330		535		704		987		1104		1266		1433		1604							
	P_{DC}	151		337		577		866		1337		1675		1787		2367		*							
	P_{DD}	232		548		949		1370		2106		2586		2860		3741		*							

* 请与我们联系

P_{DA} (kW) 齿轮箱不带辅助冷却装置**)

P_{DB} (kW) 齿轮箱带冷却风扇**)

P_{DC} (kW) 齿轮箱带内置冷却盘管**)

P_{DD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)

**) 表中数值指:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us

P_{DA} (kW) Gear units without auxiliary cooling **)

P_{DB} (kW) Gear units with fan **)

P_{DC} (kW) Gear units with built-in cooling coil **)

P_{DD} (kW) Gear units with fan and built-in cooling coil **)

**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1800 min^{-1}
类型 MTH1.. / 规格 3-26

Gear Units Thermal Capacities / n_1=1800 min^{-1}
Type MTH1.. / Sizes 3-26

i_N		热容量 P_D (kW) / Thermal capacities P_D (kW) 齿轮箱规格 / Gear unit sizes																							
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.25	P_{DA}	*		*		*		*																	
	P_{DB}	210		295		*		*																	
	P_{DC}	314		690		951		1958																	
	P_{DD}	514		1164		1554		1921																	
1.4	P_{DA}	*		*		*		*																	
	P_{DB}	214		327		300		*																	
	P_{DC}	306		652		859		1096																	
	P_{DD}	502		1158		1556		1953																	
1.6	P_{DA}	*		*		*		*		*		*													
	P_{DB}	219		379		397		*		*		*													
	P_{DC}	294		643		848		1146		1465		*													
	P_{DD}	482		1131		1513		2002		2764		2485													
1.8	P_{DA}	*		*		*		*		*		*													
	P_{DB}	252		471		480		420		*		*													
	P_{DC}	323		623		867		1171		1825		1428													
	P_{DD}	527		1066		1531		2012		2972		2848													
2	P_{DA}	*		*		*		*		*		*		*		*		*							
	P_{DB}	245		459		491		484		*		*		*		*		*							
	P_{DC}	308		595		833		1135		1529		1503		*		*		*							
	P_{DD}	503		1039		1467		1943		2934		2909		1973		*		*							
2.24	P_{DA}	*		*		*		*		*		*		*		*		*							
	P_{DB}	240		414		564		519		*		*		*		*		*							
	P_{DC}	292		566		773		1106		1661		1651		*		*		*							
	P_{DD}	478		990		1352		1879		2945		3070		2319		*		*							
2.5	P_{DA}	*		*		*		*		*		*		*		*		*							
	P_{DB}	224		402		496		532		*		*		*		*		*							
	P_{DC}	264		526		722		1043		1613		1661		*		*		*							
	P_{DD}	431		922		1259		1768		2834		3033		2437		*		*							
2.8	P_{DA}	*		*		*		*		*		*		*		*		*							
	P_{DB}	212		396		531		589		*		*		*		*		*							
	P_{DC}	244		498		737		1069		1543		1539		1332		*		*							
	P_{DD}	390		848		1263		1801		2690		2947		2517		2980		*							
3.15	P_{DA}	52.3		*		*		*		*		*		*		*		*							
	P_{DB}	217		438		726		832		967		808		*		*		*							
	P_{DC}	242		505		915		1268		1835		2097		1942		2051		*							
	P_{DD}	369		862		1567		2118		3074		3526		3511		3982		*							
3.55	P_{DA}	50		*		*		*		*		*		*		*		*							
	P_{DB}	196		431		675		788		930		824		*		*		*							
	P_{DC}	218		484		824		1158		1674		1947		1853		2012		*							
	P_{DD}	352		827		1434		1933		2804		3265		3407		3739		*							
4	P_{DA}	48.7		*		*		*		*		*		*		*		*							
	P_{DB}	181		398		620		695		926		676		627		*		*							
	P_{DC}	194		433		728		970		1542		1815		1779		1987		*							
	P_{DD}	313		739		1268		1628		2575		3028		3225		3613		*							
4.5	P_{DA}	61		*		*		*		*		*		*		*		*							
	P_{DB}	196		419		653		637		1005		1142		1061		925		722							
	P_{DC}	208		439		736		1100		1530		1999		2008		2245		*							
	P_{DD}	334		746		1265		1822		2547		3300		3520		3824		*							
5	P_{DA}	59.4		92.5		*		*		*		*		*		*		*							
	P_{DB}	182		406		648		788		1059		1230		1310		1393		1281							
	P_{DC}	186		416		700		993		1496		1956		2010		2505		*							
	P_{DD}	296		706		1206		1629		2471		3208		3494		4483		*							
5.6	P_{DA}	53.2		82.9		*		*		*		*		*		*		*							
	P_{DB}	161		358		577		752		1004		1107		1159		1280		1346							
	P_{DC}	162		360		613		915		1392		1715		1781		2318		*							
	P_{DD}	261		613		1059		1503		2321		2869		3092		3973		*							

* 请与我们联系

P_{DA} (kW) 齿轮箱不带辅助冷却装置**)

P_{DB} (kW) 齿轮箱带冷却风扇**)

P_{DC} (kW) 齿轮箱带内置冷却盘管**)

P_{DD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)

**) 表中数值指:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us

P_{DA} (kW) Gear units without auxiliary cooling **)

P_{DB} (kW) Gear units with fan **)

P_{DC} (kW) Gear units with built-in cooling coil **)

P_{DD} (kW) Gear units with fan and built-in cooling coil **)

**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 额定功率 类型 MTH2.. / 规格 4-26

Gear Units Nominal Power Ratings Type MTH2.. / Sizes 4-26

额定功率 P_{2N} (kW) / Nominal power ratings P_{2N} (kW) — 齿轮箱规格 / Gear unit sizes

i_N	n_1	n_2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
6.3	1800	286	148	320		607		1009		1779		2575		4267*											
	1500	238	137	266		505		839		1477		2140		3593		4853									
	1200	190	125	212		403		670		1179		1710		2860		3879									
	1000	158	104	178		337		561		987		1431		2390		3246		4861							
7.1	1800	254	172	297		539		888		1577		2287		3803*	4233*										
	1500	211	142	247		448		744		1310		1900		3159	3526	4808									
	1200	169	115	198		359		595		1049		1521		2530	2801	3402	4070								
	1000	141	95	165		299		497		875		1269		2111	2360	2879	3395	4311	4848						
8	1800	225	157	263	318	478	603	753	994	1307	1738	2026	2520	3265*	3759*	4554*									
	1500	188	131	220	265	399	503	663	830	1167	1452	1692	2106	2815	3149	3838	4327								
	1200	150	105	175	212	318	402	529	662	931	1158	1350	1680	2246	2513	3062	3812	4598*							
	1000	125	87	146	176	265	335	441	552	776	965	1125	1400	1871	2094	2552	3010	3821	4381						
9	1800	200	140	234	281	425	536	725	865	1241	1545	1801	2240	2991*	3356*	4093*	4816*								
	1500	167	117	196	251	354	447	589	737	1036	1290	1525	1871	2500	2797	3409	4021								
	1200	133	93	155	202	282	356	469	587	823	1027	1197	1490	1991	2228	2715	3203	4066*	4565*						
	1000	111	77	130	167	235	297	391	486	686	857	998	1243	1662	1859	2266	2673	3303	3883	4785					
10	1800	180	118	197	271	382	481	635	795	1117	1390	1620	2016	2695*	3015*	3675*	4336*								
	1500	150	98	164	226	318	402	529	662	931	1158	1350	1680	2246	2513	3062	3612	4598*							
	1200	120	78	131	180	255	321	423	530	745	927	1080	1344	1796	2010	2450	2890	3659*	5209*						
	1000	100	65	109	150	212	268	352	441	620	772	900	1120	1497	1675	2041	2408	3037	3507	4293	4790				
11.2	1800	161	106	176	242	342	431	569	711	999	1244	1449	1803	2410*	2697*	3287*	3877*	4623*							
	1500	134	88	148	202	284	359	473	592	832	1035	1206	1501	2006	2245	2736	3227	4097*	4700*						
	1200	107	70	118	161	227	286	377	472	664	825	963	1198	1600	1792	2184	2576	3271*	3750*	4583*					
	1000	89	58	98	134	189	238	314	393	552	687	801	997	1332	1491	1817	2143	2721	3121	3820	4398				
12.5	1800	144	101	168	203	304	386	508	636	894	1112	1296	1613	2156*	2412*	2940*	3468*	4402*							
	1500	120	84	140	169	253	321	423	530	745	927	1080	1344	1796	2010	2450	2890	3659	4209*						
	1200	96	67	112	135	203	257	338	424	595	741	864	1075	1437	1608	1960	2312	2935	3367*	4121*	4660*				
	1000	80	56	93	113	169	214	282	353	496	618	720	896	1197	1340	1633	1926	2446	2806	3434	3896	4023			
14	1800	129	90	151	182	274	345	455	570	801	996	1161	1445	1931*	2161*	2634*	3106*	3943*	4525*						
	1500	107	75	125	151	227	286	377	472	664	826	963	1198	1602	1792	2184	2576	3271	3752	4583*					
	1200	86	60	100	121	182	230	303	380	534	664	774	963	1287	1440	1756	2071	2629	3016	3693*	4124*	4882*			
	1000	71	48	83	100	150	190	250	313	440	548	638	795	1063	1189	1449	1709	2170	2490	3046	3400	4014	4603		
16	1800	113	79	132	170	240	301	399	499	701	873	1017	1266	1692*	1893*	2307*	2721*	3455*	3962*	4851*					
	1500	94	66	110	141	199	250	331	415	583	726	845	1053	1407	1574	1919	2263	2874	3297	4035*	4588*				
	1200	75	52	87	113	159	200	264	331	465	579	675	840	1123	1256	1531	1806	2293	2630	3219*	3598*	4240*	4869*		
	1000	63	44	73	95	133	168	222	278	391	486	567	705	943	1055	1286	1517	1926	2209	2704	3021	3562	4083		
18	1800	100	65	109	150	199	268	352	441	620	772	900	1120	1497*	1675*	2041*	2408*	3057*	3507*	4293*	4795*				
	1500	83	54	91	125	165	222	292	366	515	641	747	929	1242	1390	1694	1998	2537	2911	3563*	3980*	4693*			
	1200	67	44	73	101	133	179	236	296	416	517	603	750	1003	1122	1368	1613	2048	2350	2876*	3213*	3788*	4349*		
	1000	56	36	61	84	111	150	197	247	347	432	504	627	838	938	1143	1348	1712	1964	2404	2685	3166	3635	4375	
20	1800	90	60	100	135	179	241	317	397	558	695	810	1008	1347*	1507*	1837*	2167*	2751*	3157*	3863*	4316*				
	1500	75	51	87	113	149	201	264	331	465	579	675	840	1123	1256	1531	1806	2293	2630	3219*	3598*	4240*	4869*		
	1200	60	41	70	90	119	160	211	265	372	463	540	672	898	1005	1225	1445	1834	2104	2575*	2877*	3392*	3895*	4800*	
	1000	50	34	58	75	99	134	176	220	310	386	450	560	748	837	1020	1204	1528	1753	2146	2397	2827*	3245	4080	4607
22.4	1800	80	52	91	113	165	201	277	332	485	616		808		1340*		1920*		2806*		3606*				
	1500	67	44	75	94	138	168	232	298	403	517		700		1122		1613		2350		3213*		4349*		
	1200	54	35	61	75	111	135	187	238	325	417		655		904		1300		1894		2589*		3507*		4975*
	1000	45	29	51	63	93	113	155	198	274	347		504		755		1085		1576		2158		2921		4148
25	1800	72			107		180		318		558		808												
	1500	60			89		150		265		465		672												
	1200	48			71		120		212		373		537												
	1000	40			59		100		176		309		448												
28	1800	64			93		167		278		481														
	1500	54			78		141		235		403														
	1200	43			62		112		187		326														
	1000	36			52		94		158		273														

▭ 卧式安装齿轮箱应采用强制润滑 — Forced lubrication required on horizontal gear units

▭ * 需与我们联系 — Gear units only on request

齿轮箱 额定输出扭矩 类型 MTH2.. / 规格 4-26

Gear Units Nominal Output Torques Type MTH2.. / Sizes 4-26

额定输出扭矩 T_{2N} (kNm) Nominal output torques T_{2N} (kNm) — 齿轮箱规格 / Gear unit sizes

i_N	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.25	2.9		6		15.2		24.7																	
1.4	3.1		6.2		15.9		25.6																	
1.6	3.3		6.6		16.3		27.1		46		67.4													
1.8	2.7		6.8		17.4		28		47.6		70.9													
2	2.8		8.4		17.8		28.7		49.1		72.9		129											
2.24	2.8		8.6		17.8		28.7		50.4		75.2		130											
2.5	2.9		8.6		17.8		28.7		50.4		77		131											
2.8	3.1		8.6		17.1		27.2		50.4		77		120		171									
3.15	3.1		8.6		17.4		28.1		48.7		73.8		124		173									
3.55	3.2		8.5		17.8		28.6		50.2		74.4		126		173									
4	3.2		8.6		17.8		28.7		50.6		75.7		130		173		245							
4.5	2.5		7.7		15.8		24.6		46		61.6		109		146		216							
5	2.4		7.2		13.8		22.5		36.7		58.3		95		124		174							
5.6	2.3		6.8		13.1		20.1		36.5		55.4		90.4		118		150							
6.3		6.3	10.7		20.3		33.7		59.3		86		143		195		292							
7.1		6.5	11.2		20.3		33.7		59.3		86		143	160	195	230	292	335	413					
8		6.7	11.2	13.5	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	413	458				
9		6.7	11.2	14.4	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	413	458	540			
10		6.3	10.5	14.4	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	413	458	540	620		
11.2		6.3	10.6	14.4	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	413	458	540	620	780	
12.5		6.7	11.2	13.5	20.2	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	413	458	540	620	780	880
14		6.7	11.2	13.5	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	413	458	540	620	780	880
16		6.7	11.2	14.4	20.3	25.5	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	413	458	540	620	780	880
18		6.3	10.5	14.4	19	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	413	458	540	620	780	880
20		6.6	11.2	14.4	19	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	413	458	540	620	780	880
22.4		6.3	10.9	13.5	19.6	24	33.1	42.2	59.3	73.8	88	107	153	160	206	230	300	335	420	458	560	620	800	880
25			11.6	14.3	21.7	24	35.7	42.2	60.5	73.8	88	107	153	173	206	240	300	345	420	470	560	640	800	900
28			11.6	13.9	21.7	25	35.7	41.5	60.5	72.5	88	109	153	173	206	240	300	345	420	470	560	640	800	900
31.5			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	88	109	153	173	206	240	300	345	420	470	560	640	800	900
35.5			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	88	109	153	173	206	240	300	345	420	470	560	640	800	900
40			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	88	109	153	173	206	240	300	345	420	470	560	640	800	900
45			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	88	109	153	173	206	240	300	345	420	470	560	640	800	900
50			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	88	109	153	173	206	240	300	345	420	470	560	640	800	900
56			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	88	109	153	173	206	240	300	345	420	470	560	640	800	900
63			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	88	109	153	173	206	240	300	345	420	470	560	640	800	900
71			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	88	109	153	173	206	240	300	345	420	470	560	640	800	900
80			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	88	109	153	173	206	240	300	345	420	470	560	640	800	900
90			11.6	15.5	20	27.2	34.5	43.8	60.5	77.2	88	109	153	173	206	240	290	345	410	470	560	640	800	900
100				14.5	21.7	27.2	35.7	43.8	61.6	77.2	90.7	109	153	173	206	226	300	335	420	465	560	640	800	900
112				15	21.7	25.2	35.7	42.8	61.6	77.2	90.7	109	153	173	206	240	300	345	420	470	560	640	800	900
125					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	206	240	300	345	420	470	560	640	800	900
140					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	206	240	300	345	420	470	560	640	800	900
160					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	206	240	300	345	420	470	560	640	800	900
180					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	206	240	300	345	420	470	560	640	800	900
200					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	206	240	300	345	420	470	560	640	800	900
224					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	206	240	300	345	420	470	560	640	800	900
250					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	206	240	300	345	420	470	560	640	800	900
280					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	206	240	300	345	420	470	560	640	800	900
315					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	206	240	300	345	420	470	560	640	800	900
355					19.6	27.2	35.7	44.2	61.6	78	90.7	113	140	173	192	240	290	345	410	470	560	640	800	900
400						27.2		44.2		78		113		158		223		335		465		640		900
450						25.3		42.8		78		113												

MTH1

MTH3

MTH4

齿轮箱 热容量 / n_1=1000 min^{-1}
类型 MTH2.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1000 min^{-1}
Type MTH2.. / Sizes 4-26

热容量 P_D (kW) / Thermal capacities P_D (kW)

i_N		齿轮箱规格 / Gear unit sizes																							
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
6.3	P_{DA}	54.1	66.5		85.3		116		154		*		*		*		*		*		*		*	
	P_{DB}	106	143		221		290		400		579		593		625		*		*		*		*	
	P_{DC}	120	190		305		405		596		1201		1434		1736		*		*		*		*	
	P_{DD}	162	206		417		626		951		1553		1782		2240		*		*		*		*	
7.1	P_{DA}	56.1	69		89.8		117		148		*		*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	109	146		214		286		404		588		591	589	683	659	*	*	*	*	*	*	*	*
	P_{DC}	121	189		287		447		577		1163		1392	1448	1669	1737	*	*	*	*	*	*	*	*
	P_{DD}	165	256		394		580		931		1510		1746	1810	2156	2260	*	*	*	*	*	*	*	*
8	P_{DA}	64.4	68.3	74.5	89.1	99	116	120	152	161	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	104	142	157	208	235	279	290	449	509	591	656	613	620	733	719	*	*	*	*	*	*	*	*
	P_{DC}	115	182	197	272	312	425	472	646	884	1010	1263	1348	1467	1649	1683	*	*	*	*	*	*	*	*
	P_{DD}	155	245	266	376	428	582	618	896	1170	1455	1658	1696	1772	2154	2260	*	*	*	*	*	*	*	*
9	P_{DA}	53.4	67.3	76.1	89.3	100	120	124	160	182	196	212	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	101	139	159	202	228	272	283	437	520	584	672	635	655	786	780	*	*	*	*	*	*	*	*
	P_{DC}	109	174	197	259	294	403	442	599	861	1055	1234	1292	1366	1611	1662	*	*	*	*	*	*	*	*
	P_{DD}	150	234	266	357	405	536	582	833	1149	1385	1611	1644	1736	2120	2181	*	*	*	*	*	*	*	*
10	P_{DA}	51.1	65.4	77.4	86.3	100	119	125	164	193	209	234	200	196	*	*	*	*	*	*	*	*	*	*
	P_{DB}	95.7	131	166	193	222	262	278	404	516	587	673	640	668	812	830	*	*	*	*	*	*	*	*
	P_{DC}	109	166	189	243	280	378	422	564	821	999	1167	1224	1303	1548	1611	*	*	*	*	*	*	*	*
	P_{DD}	139	217	255	337	386	505	556	786	1106	1326	1551	1571	1674	2053	2143	*	*	*	*	*	*	*	*
11.2	P_{DA}	49.3	63.4	76	85.7	99	118	124	173	195	226	247	218	222	229	223	*	*	*	*	*	*	*	*
	P_{DB}	91.7	126	151	190	214	249	270	430	495	601	665	632	669	815	847	*	*	*	*	*	*	*	*
	P_{DC}	97	151	180	241	264	353	398	560	756	998	1113	1148	1237	1468	1553	*	*	*	*	*	*	*	*
	P_{DD}	132	205	245	336	367	473	526	764	1020	1319	1482	1485	1584	1958	2070	*	*	*	*	*	*	*	*
12.5	P_{DA}	47.8	63	72.3	90.2	96.6	116	122	178	194	226	252	235	235	260	250	301	289	*	*	*	*	*	*
	P_{DB}	87.6	123	142	191	205	244	259	425	475	572	648	637	656	833	864	*	*	*	*	*	*	*	*
	P_{DC}	93.6	149	166	230	250	342	370	549	710	936	1046	1128	1164	1430	1470	*	*	*	*	*	*	*	*
	P_{DD}	126	201	226	327	348	455	498	766	960	1313	1461	1459	1598	1914	1985	*	*	*	*	*	*	*	*
14	P_{DA}	45.5	60	69.6	83.8	97.7	114	119	173	202	225	250	240	252	274	281	328	333	*	*	*	*	*	*
	P_{DB}	82.9	116	135	175	207	236	247	403	483	547	659	614	650	814	860	*	*	*	*	*	*	*	*
	P_{DC}	87.5	138	156	211	248	322	349	509	705	848	1037	1040	1138	1339	1435	*	*	*	*	*	*	*	*
	P_{DD}	118	186	213	294	345	432	465	711	956	1191	1392	1365	1482	1802	1921	*	*	*	*	*	*	*	*
16	P_{DA}	41.9	56.8	68.9	79	97	108	117	168	206	212	263	252	254	280	293	341	354	336	*	*	*	*	*
	P_{DB}	75.7	108	131	163	201	221	240	377	476	501	626	617	634	782	837	*	*	*	*	*	*	*	*
	P_{DC}	78.8	126	154	194	242	295	339	464	688	744	947	1027	1089	1245	1341	*	*	*	*	*	*	*	*
	P_{DD}	107	171	208	269	336	397	449	650	932	1007	1276	1341	1381	1680	1810	*	*	*	*	*	*	*	*
18	P_{DA}	40.1	54.4	65.7	76.1	86.7	100	114	156	200	219	259	248	268	292	293	352	366	367	352	*	*	*	*
	P_{DB}	72.1	103	124	157	184	208	231	352	450	506	598	583	636	768	805	*	*	*	*	*	*	*	*
	P_{DC}	74.1	119	142	185	217	278	319	432	635	747	881	947	1037	1189	1243	*	*	*	*	*	*	*	*
	P_{DD}	100	162	194	257	301	371	425	609	864	1009	1189	1244	1359	1606	1689	*	*	*	*	*	*	*	*
20	P_{DA}	38.5	51.1	61.7	71.3	85.2	100	109	152	189	208	239	242	258	280	304	361	378	373	372	*	*	*	*
	P_{DB}	70.2	96.8	116	145	172	200	217	339	419	473	543	554	599	754	787	*	*	*	*	*	*	*	*
	P_{DC}	71.7	111	131	169	199	264	293	408	577	681	780	871	957	1140	1181	*	*	*	*	*	*	*	*
	P_{DD}	97.4	150	179	236	276	355	392	575	786	923	1056	1142	1257	1546	1602	*	*	*	*	*	*	*	*
22.4	P_{DA}	36.4	47.5	59	68.7	81.1	92.3	102	142	175		241		248		300		369		362		*		*
	P_{DB}	64.9	89.4	111	139	165	185	203	314	390		504		560		764		*		*		*		*
	P_{DC}	65.3	101	124	161	190	238	273	371	540		730		877		1133		*		*		*		*
	P_{DD}	88.9	137	169	224	263	320	366	524	736		1007		1153		1537		*		*		*		*
25	P_{DA}			55.3		75.8		99.4		170		227												
	P_{DB}			103		152		196		374		506												
	P_{DC}			114		174		252		506		713												
	P_{DD}			156		242		350		692		965												
28	P_{DA}			51.5		73.3		92.5		160														
	P_{DB}			85.8		146		182		347														
	P_{DC}			104		166		236		459														
	P_{DD}			142		230		318		630														

* 请与我们联系
P_{DA} (kW) 齿轮箱不带辅助冷却装置**)
P_{DB} (kW) 齿轮箱带冷却风扇**)
P_{DC} (kW) 齿轮箱带内置冷却盘管**)
P_{DD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)
**) 表中数值按:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us
P_{DA} (kW) Gear units without auxiliary cooling **)
P_{DB} (kW) Gear units with fan **)
P_{DC} (kW) Gear units with built-in cooling coil **)
P_{DD} (kW) Gear units with fan and built-in cooling coil **)
**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1200 min^{-1}
类型 MTH2.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1200 min^{-1}
Type MTH2.. / Sizes 4-26

热容量 P_D (kW) / Thermal capacities P_D (kW)

i_N		齿轮箱规格 / Gear unit sizes																							
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
6.3	P_{DA}	48.2	54.8		67.4		*		*		*		*		*		*		*		*		*	
	P_{DB}	112	148		220		279		392		415		*		*		*		*		*		*	
	P_{DC}	126	196		311		475		665		1068		1102		1360		*		*		*		*	
	P_{DD}	176	275		445		658		966		1515		1628		1954		*		*		*		*	
7.1	P_{DA}	51.8	58.4		70.3		*		*		*		*		*		*		*		*		*	
	P_{DB}	118	151		215		278		400		452		344	*	*	*	*	*	*	*	*	*	*	*
	P_{DC}	127	196		294		451		656		1070		1196	1220	1380	1383	*	*	*	*	*	*	*	*
	P_{DD}	180	276		420		624		956		1467		1636	1670	1971	1997	*	*	*	*	*	*	*	*
8	P_{DA}	50.9	59.5	63.6	72.9	77.3	88	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	111	149	162	212	236	276	283	410	443	484	526	407	366	*	*	*	*	*	*	*	*	*	*
	P_{DC}	121	189	204	281	310	432	477	605	853	1048	1183	1196	1228	1403	1409	*	*	*	*	*	*	*	*
	P_{DD}	170	266	288	404	458	599	654	929	1197	1483	1660	1629	1681	2003	2015	*	*	*	*	*	*	*	*
9	P_{DA}	51.1	61.6	69.8	77.5	84.3	97.8	97.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	108	147	167	210	234	277	285	419	482	529	589	486	490	552	523	*	*	*	*	*	*	*	*	*
	P_{DC}	116	182	206	269	305	415	453	601	852	1026	1184	1199	1253	1450	1473	*	*	*	*	*	*	*	*	*
	P_{DD}	164	255	288	388	437	575	622	878	1197	1436	1681	1635	1710	2089	2103	*	*	*	*	*	*	*	*	*
10	P_{DA}	48.5	60.9	71.3	79.6	88.1	102	104	121	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	103	140	166	204	232	272	285	420	498	549	624	545	554	645	635	*	*	*	*	*	*	*	*	*
	P_{DC}	108	169	198	255	292	382	436	573	825	991	1153	1172	1235	1446	1487	*	*	*	*	*	*	*	*	*
	P_{DD}	153	237	278	367	419	540	599	836	1157	1380	1616	1598	1691	2051	2121	*	*	*	*	*	*	*	*	*
11.2	P_{DA}	46.2	60.1	71.4	83.7	89.7	103	108	138	144	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	100	135	161	208	226	262	281	405	464	562	638	569	581	698	706	*	*	*	*	*	*	*	*	*
	P_{DC}	103	159	190	254	277	369	414	575	769	993	1116	1122	1200	1466	1474	*	*	*	*	*	*	*	*	*
	P_{DD}	145	225	268	366	400	514	572	841	1086	1393	1661	1535	1638	1994	2082	*	*	*	*	*	*	*	*	*
12.5	P_{DA}	47.1	60.4	68.9	84.6	88.4	105	109	149	154	167	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	99.8	133	153	204	218	258	273	436	480	567	638	596	604	748	742	*	*	*	*	*	*	*	*	*
	P_{DC}	99.8	158	176	249	263	358	393	568	728	921	1061	1119	1147	1396	1423	*	*	*	*	*	*	*	*	*
	P_{DD}	139	220	248	357	378	496	542	825	1029	1289	1487	1524	1586	1976	2017	*	*	*	*	*	*	*	*	*
14	P_{DA}	45.1	58.2	67.3	79.8	92	106	109	151	159	179	207	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	90.9	126	147	189	222	252	262	420	466	553	663	590	629	761	792	*	*	*	*	*	*	*	*	*
	P_{DC}	93.4	147	166	223	262	330	367	529	729	862	1062	1055	1138	1388	1413	*	*	*	*	*	*	*	*	*
	P_{DD}	130	204	234	322	377	472	507	770	1032	1211	1489	1440	1557	1883	1908	*	*	*	*	*	*	*	*	*
16	P_{DA}	41.7	55.4	67.1	76.1	82.6	102	109	148	179	176	218	185	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	83.1	118	143	177	216	237	256	367	496	514	640	510	620	754	797	*	*	*	*	*	*	*	*	*
	P_{DC}	84.3	135	164	206	256	312	357	485	716	769	977	1043	1071	1251	1341	*	*	*	*	*	*	*	*	*
	P_{DD}	118	189	220	286	348	430	491	706	1008	1093	1372	1426	1493	1772	1901	*	*	*	*	*	*	*	*	*
18	P_{DA}	40.2	53.7	64.5	74.2	86.8	99	109	144	160	191	229	197	201	217	*	*	*	*	*	*	*	*	*	*
	P_{DB}	79.3	113	136	170	200	225	249	375	474	528	621	590	640	782	756	*	*	*	*	*	*	*	*	*
	P_{DC}	79.3	127	152	196	231	292	337	455	664	778	915	973	1061	1210	1260	*	*	*	*	*	*	*	*	*
	P_{DD}	111	179	214	280	331	407	465	664	938	1093	1286	1333	1463	1710	1792	*	*	*	*	*	*	*	*	*
20	P_{DA}	39.0	50.0	60.9	69.0	82.9	97.1	104	142	172	185	211	200	208	226	226	264	*	*	*	*	*	*	*	*
	P_{DB}	77.4	106	126	158	187	217	235	362	444	497	569	567	608	755	786	*	*	*	*	*	*	*	*	*
	P_{DC}	76.7	118	146	180	212	280	311	430	608	712	814	896	985	1168	1204	*	*	*	*	*	*	*	*	*
	P_{DD}	107	166	197	260	304	390	430	628	856	1002	1145	1228	1349	1654	1708	*	*	*	*	*	*	*	*	*
22.4	P_{DA}	36.5	47.1	56.9	67.5	79.1	89.4	99.6	133	160		214		202		236		257		*		*		*
	P_{DB}	71.6	98	121	152	179	201	220	336	414		531		577		766		*		*		*		*
	P_{DC}	69.9	107	130	172	202	252	290	392	567		813		904		1157		*		*		*		*
	P_{DD}	98.3	151	187	247	290	352	401	573	802		1147		1238		1640		*		*		*		*
25	P_{DA}			54.7		74.1		95.8		156		202												
	P_{DB}			113		166		213		398		532												
	P_{DC}			122		189		278		532		745												
	P_{DD}			172		260		354		754		1048												
28	P_{DA}			51.2		72		89.9		149														
	P_{DB}			105		160		198		371														
	P_{DC}			111		177		251		484														
	P_{DD}			167		263		360		688														

* 请与我们联系
P_{DA} (kW) 齿轮箱不带辅助冷却装置**)
P_{DB} (kW) 齿轮箱带冷却风扇**)
P_{DC} (kW) 齿轮箱带内置冷却盘管**)
P_{DD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)
**) 表中数值按:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us
P_{DA} (kW) Gear units without auxiliary cooling **)
P_{DB} (kW) Gear units with fan **)
P_{DC} (kW) Gear units with built-in cooling coil **)
P_{DD} (kW) Gear units with fan and built-in cooling coil **)
**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1500 min^{-1}
型号 MTH2.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1500 min^{-1}
Type MTH2.. / Sizes 4-26

i_N		热容量 P_D (kW) / Thermal capacities P_D (kW) 齿轮箱规格 / Gear unit sizes																							
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
6.3	P_{DA}	48.5	48.8		*		*		*		*		*		*		*		*		*		*	
	P_{DB}	132	172		256		322		426		442		*		*		*		*		*		*	
	P_{DC}	146	226		357		542		746		1197		1267		1419		*		*		*		*	
	P_{DD}	210	327		525		774		1124		1739		1824		2151		*		*		*		*	
7.1	P_{DA}	51.6	53.9		*		*		*		*		*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	137	177		252		323		453		490		338	*	*	*	*	*	*	*	*	*	*	*
	P_{DC}	148	226		338		518		740		1193		1289	1305	1458	1443	*	*	*	*	*	*	*	*
	P_{DD}	214	327		489		735		1117		1729		1851	1880	2199	2209	*	*	*	*	*	*	*	*
8	P_{DA}	51.4	56.4	59.2	64.9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	132	175	191	249	276	322	328	469	501	537	580	422	390	*	*	*	*	*	*	*	*	*	*
	P_{DC}	140	219	236	323	357	496	545	720	961	1171	1319	1306	1332	1507	1506	*	*	*	*	*	*	*	*
	P_{DD}	202	316	341	479	542	707	772	1088	1387	1703	1923	1860	1910	2261	2260	*	*	*	*	*	*	*	*
9	P_{DA}	52.4	60.3	67.8	73.2	77.2	86.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	135	174	198	248	275	334	333	484	553	600	666	541	536	584	542	*	*	*	*	*	*	*	*
	P_{DC}	136	211	236	311	352	477	521	686	968	1158	1335	1332	1386	1593	1508	*	*	*	*	*	*	*	*
	P_{DD}	196	303	344	456	518	682	736	1033	1405	1679	1927	1889	1970	2300	2400	*	*	*	*	*	*	*	*
10	P_{DA}	51.4	61.1	70.8	77.7	84.2	96	95.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	133	180	196	241	273	329	330	489	527	631	715	612	617	710	691	*	*	*	*	*	*	*	*
	P_{DC}	136	196	250	305	338	453	503	667	943	1139	1309	1316	1383	1611	1549	*	*	*	*	*	*	*	*
	P_{DD}	192	282	331	435	498	648	710	987	1375	1628	1896	1861	1964	2374	2447	*	*	*	*	*	*	*	*
11.2	P_{DA}	50.4	61.2	72.2	80.4	88	99.9	103	110	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	118	160	191	246	267	309	331	509	572	674	738	648	669	784	787	*	*	*	*	*	*	*	*
	P_{DC}	120	180	221	294	321	427	479	662	882	1130	1274	1269	1364	1592	1551	*	*	*	*	*	*	*	*
	P_{DD}	174	268	319	436	475	610	679	995	1283	1642	1838	1796	1913	2329	2431	*	*	*	*	*	*	*	*
12.5	P_{DA}	49.5	62.1	70.3	86.6	86.3	104	106	126	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	113	157	181	242	258	306	322	512	562	660	742	665	691	851	840	*	*	*	*	*	*	*	*
	P_{DC}	116	183	204	289	305	415	464	695	837	1056	1215	1273	1302	1579	1605	*	*	*	*	*	*	*	*
	P_{DD}	166	263	295	425	450	588	644	978	1218	1523	1755	1790	1836	2311	2355	*	*	*	*	*	*	*	*
14	P_{DA}	47.6	60.4	69.5	81.7	93.2	106	108	142	153	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	106	150	174	224	263	296	310	494	583	647	774	686	726	875	906	*	*	*	*	*	*	*	*
	P_{DC}	108	171	193	259	304	393	425	611	841	991	1220	1205	1298	1511	1600	*	*	*	*	*	*	*	*
	P_{DD}	155	243	270	384	449	562	603	914	1223	1434	1761	1697	1832	2211	2342	*	*	*	*	*	*	*	*
16	P_{DA}	44.1	57.8	69.8	78.8	94.9	104	110	144	169	180	193	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	98.9	140	169	210	257	281	303	480	583	600	751	710	721	873	919	*	*	*	*	*	*	*	*
	P_{DC}	98.1	157	181	239	297	362	414	581	827	887	1125	1196	1226	1429	1528	*	*	*	*	*	*	*	*
	P_{DD}	141	225	275	362	438	518	584	830	1167	1286	1626	1684	1726	2088	2236	*	*	*	*	*	*	*	*
18	P_{DA}	42.7	56.4	67.8	77.3	89.8	101	111	143	175	181	200	170	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	94.4	134	162	202	237	266	296	443	560	621	731	600	748	886	910	*	*	*	*	*	*	*	*
	P_{DC}	92.4	148	177	229	268	339	392	527	769	899	1057	1119	1218	1387	1442	*	*	*	*	*	*	*	*
	P_{DD}	132	213	255	338	395	486	555	790	1115	1297	1526	1578	1718	2029	2154	*	*	*	*	*	*	*	*
20	P_{DA}	42	53.3	64	73.1	86.3	100	107	142	170	175	202	170	182	*	*	*	*	*	*	*	*	*	*
	P_{DB}	92.1	126	150	188	222	257	278	428	525	586	670	563	712	862	913	*	*	*	*	*	*	*	*
	P_{DC}	89.4	138	162	209	247	326	362	490	702	820	941	1036	1130	1342	1380	*	*	*	*	*	*	*	*
	P_{DD}	128	198	235	310	363	465	512	747	1019	1191	1360	1455	1597	1958	2019	*	*	*	*	*	*	*	*
22.4	P_{DA}	38.9	49.7	61.3	70.7	82.4	92.6	101	133	159		206		179		*		*		*		*		*	
	P_{DB}	85.2	116	144	181	213	239	261	397	489		673		676		863		*		*		*		*	
	P_{DC}	81.9	128	155	200	235	293	327	454	657		942		1041		1329		*		*		*		*
	P_{DD}	117	181	203	285	346	420	478	682	964		1382		1467		1939		*		*		*		*
25	P_{DA}			57.6		77.2		86.9		195		195												
	P_{DB}			134		197		252		470		627												
	P_{DC}			142		218		323		617		862												
	P_{DD}			200		319		468		886		1249												
28	P_{DA}			54.1		75.5		90.4		150														
	P_{DB}			125		190		235		439														
	P_{DC}			130		206		282		562														
	P_{DD}			187		302		417		819														

* 请与我们联系
P_{DA} (kW) 齿轮箱不带辅助冷却装置**)
P_{DB} (kW) 齿轮箱带冷却风扇**)
P_{DC} (kW) 齿轮箱带内置冷却盘管**)
P_{DD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)
**) 表中数值按:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us
P_{DA} (kW) Gear units without auxiliary cooling **)
P_{DB} (kW) Gear units with fan **)
P_{DC} (kW) Gear units with built-in cooling coil **)
P_{DD} (kW) Gear units with fan and built-in cooling coil **)
**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1800 min^{-1}
型号 MTH2.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1800 min^{-1}
Type MTH2.. / Sizes 4-26

i_N		热容量 P (kW) / Thermal capacities P_D (kW) 齿轮箱规格 / Gear unit sizes																							
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
6.3	P_{DA}	42.6	*		*		*		*		*		*		*		*		*		*		*	
	P_{DB}	144	181		263		319		396		*		*		*		*		*		*		*	
	P_{DC}	167	239		373		558		732		1102		1027		1220		*		*		*		*	
	P_{DD}	236	361		574		832		1154		1678		1562		1851		*		*		*		*	
7.1	P_{DA}	44.6	*		*		*		*		*		*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	150	189		262		325		408		357		*	*	*	*	*	*	*	*	*	*	*	*
	P_{DC}	159	241		355		536		738		1127		1102	1081	1147	1080	*	*	*	*	*	*	*	*
	P_{DD}	240	360		548		797		1163		1710		1666	1604	1832	1758	*	*	*	*	*	*	*	*
8	P_{DA}	48.7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	145	188	204	262	287	330	332	441	444	436	453	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DC}	152	234	257	342	386	519	567	738	954	1134	1296	1149	1165	1269	1219	*	*	*	*	*	*	*	*
	P_{DD}	226	352	379	520	585	772	837	1149	1449	1722	1931	1749	1757	2008	1941	*	*	*	*	*	*	*	*
9	P_{DA}	48.3	60.6	64.7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	143	180	214	266	293	341	347	481	530	547	595	402	363	*	*	*	*	*	*	*	*	*	*
	P_{DC}	146	227	256	332	374	505	548	707	985	1160	1327	1265	1256	1455	1438	*	*	*	*	*	*	*	*
	P_{DD}	221	340	384	510	574	753	808	1113	1494	1755	2003	1877	1900	2262	2204	*	*	*	*	*	*	*	*
10	P_{DA}	48.5	63.7	61	63.7	65.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	136	181	214	281	294	342	356	505	577	611	683	526	513	547	495	*	*	*	*	*	*	*	*
	P_{DC}	137	211	248	317	361	483	534	687	975	1152	1331	1294	1345	1541	1555	*	*	*	*	*	*	*	*
	P_{DD}	207	318	372	480	555	720	787	1077	1483	1736	2013	1913	1969	2378	2418	*	*	*	*	*	*	*	*
11.2	P_{DA}	48.3	55.6	64.5	72.1	73.2	78.4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	130	177	210	260	290	333	358	533	597	675	733	600	604	679	655	*	*	*	*	*	*	*	*
	P_{DC}	130	200	239	317	365	457	512	698	923	1175	1314	1235	1360	1558	1609	*	*	*	*	*	*	*	*
	P_{DD}	197	303	359	490	533	682	756	1095	1401	1715	1980	1886	1964	2303	2478	*	*	*	*	*	*	*	*
12.5	P_{DA}	47.9	57.7	64.6	76.3	76.6	87.5	86.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	127	174	200	266	262	332	348	543	587	677	756	662	656	786	754	*	*	*	*	*	*	*	*
	P_{DC}	126	189	221	313	329	447	487	695	883	1106	1297	1298	1321	1585	1598	*	*	*	*	*	*	*	*
	P_{DD}	189	287	333	480	505	661	720	1083	1340	1662	1910	1908	1945	2426	2483	*	*	*	*	*	*	*	*
14	P_{DA}	46.5	57	65	75	83.7	93.7	92.7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	120	166	193	247	289	326	338	530	618	676	805	686	717	846	861	*	*	*	*	*	*	*	*
	P_{DC}	118	186	209	281	329	424	458	653	862	1045	1264	1246	1305	1543	1623	*	*	*	*	*	*	*	*
	P_{DD}	177	275	316	434	507	632	677	1018	1365	1578	1933	1902	1969	2358	2492	*	*	*	*	*	*	*	*
16	P_{DA}	43.5	55.4	66.4	73.6	87.3	94.2	96	116	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	110	156	186	232	283	309	333	507	625	639	792	727	731	872	906	*	*	*	*	*	*	*	*
	P_{DC}	107	171	207	280	322	392	448	632	882	941	1152	1249	1275	1477	1571	*	*	*	*	*	*	*	*
	P_{DD}	166	256	310	389	495	564	658	936	1303	1424	1797	1836	1875	2253	2404	*	*	*	*	*	*	*	*
18	P_{DA}	42.3	54.7	65.2	73.7	84.5	94.5	102	122	142	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	105	150	180	225	263	295	326	483	606	667	782	722	777	912	934	*	*	*	*	*	*	*	*
	P_{DC}	101	161	192	240	292	368	424	587	825	990	1127	1180	1282	1451	1503	*	*	*	*	*	*	*	*
	P_{DD}	151	242	290	383	447	550	627	887	1249	1446	1698	1736	1865	2208	2299	*	*	*	*	*	*	*	*
20	P_{DA}	41.6	52.1	62.2	70.2	82	84.4	99.9	125	144	142	157	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	103	140	168	210	246	286	308	469	571	633	722	702	748	918	944	*	*	*	*	*	*	*	*
	P_{DC}	97.8	150	177	225	268	354	392	539	755	882	1007	1098	1197	1412	1449	*	*	*	*	*	*	*	*
	P_{DD}	146	225	268	352	411	527	580	842	1143	1321	1519	1669	1781	2148	2209	*	*	*	*	*	*	*	*
22.4	P_{DA}	38.7	48.6	59.6	68	78.5	87.3	94.7	118	135		192		*		*		*		*		*		*
	P_{DB}	96.8	130	161	200	237	265	289	436	533		726		712		884		*		*		*		*
	P_{DC}	86.1	136	169	218	256	319	366	491	708		1009		1101		1395		*		*		*		*
	P_{DD}	133	205	253	335	392	476	541	768	1071		1522		1619		2125		*		*		*		*
25	P_{DA}			56.1		73.8		92.5		133		156												
	P_{DB}			130		219		289		513		676												
	P_{DC}			154		255		351		665		904												
	P_{DD}			234		360		518		1009		1382												
28	P_{DA}			53		72.8		88.5		133														
	P_{DB}			139		212		261		462														
	P_{DC}			142		224		318		606														
	P_{DD}			213		344		479		933														

* 请与我们联系
P_{DA} (kW) 齿轮箱不带辅助冷却装置**)
P_{DB} (kW) 齿轮箱带冷却风扇**)
P_{DC} (kW) 齿轮箱带内置冷却盘管**)
P_{DD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)
**) 表中数值按:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us
P_{DA} (kW) Gear units without auxiliary cooling **)
P_{DB} (kW) Gear units with fan **)
P_{DC} (kW) Gear units with built-in cooling coil **)
P_{DD} (kW) Gear units with fan and built-in cooling coil **)
**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 额定功率
类型 MTH3.. / 规格 5-26

Gear Units Nominal Power Ratings
Type MTH3... / Sizes 5-26

额定功率 P_{2N} (kW) / Nominal power ratings P_{2N} (kW)

i_N	n_1	n_2	齿轮减速机 / Gear unit sizes																					
			5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
22.4	1800	80									737		1091		1575		2513*		3518*		4691*			
	1500	67									617		1073		1403		2104		2946		3928			
	1200	54									497		855		1130		1696		2376		3166		4523	
	1000	45									414		720		942		1415		1979		2638		3769	
25	1800	72	87		163		289		476		663		1153	1304	1607	1809	2261*	2601*	3168*	3543*	4021*	4629*		
	1500	60	72		136		224		395		552		961	1086	1356	1507	1884	2167	2636	2952	3518	4220		
	1200	48	58		109		179		319		442		769	869	1085	1206	1507	1734	2110	2362	2814	3216	4520	4523
	1000	40	48		90		149		265		368		640	724	837	1005	1256	1445	1709	1968	2345	2680	3350	3769
28	1800	64	77		145		239		425		589	730	1025	1158	1340	1608	2010*	2312*	2814*	3149*	3752*	4288*		
	1500	54	65		122		201		359		497	618	866	978	1130	1357	1696	1950	2374	2657	3166	3618	4523	
	1200	43	52		97		160		285		396	490	688	778	900	1080	1350	1553	1891	2116	2521	2881	3902	4062
	1000	36	43		81		134		239		331	410	576	652	753	904	1130	1300	1583	1771	2110	2412	3015	3392
31.5	1800	57	69	82	129	152	213	261	379	462	525	650	913	1032	1193	1432	1790*	2059*	2506*	2803*	3342*	3818*	4734*	
	1500	48	58	77	109	136	179	220	319	388	442	547	769	869	1005	1206	1507	1734	2110	2362	2814	3216	4020	4523
	1200	38	46	61	86	108	142	174	252	307	350	433	608	688	795	954	1193	1372	1671	1870	2228	2548	3183	3581
	1000	32	38	51	72	91	119	146	212	258	294	365	513	579	670	804	1005	1156	1407	1574	1875	2144	2680	3015
35.5	1800	51	61	82	115	145	190	233	339	412	469	582	817	923	1068	1281	1602*	1842*	2242*	2509*	2990*	3417*	4212*	4809*
	1500	42	51	68	95	119	157	192	279	339	387	479	672	760	879	1055	1319	1517	1847	2067	2462	2814	3518	3955
	1200	34	41	55	77	96	127	155	226	274	313	388	544	615	712	854	1068	1228	1496	1673	1993	2278	2848	3204
	1000	28	34	45	63	79	104	128	186	226	258	319	448	507	586	703	879	1011	1231	1378	1641	1876	2345	2638
40	1800	45	54	73	102	128	168	206	299	363	414	513	720	815	942	1130	1413*	1625*	1979*	2214*	2636*	3013*	3769*	4240*
	1500	38	45	61	86	106	140	174	252	307	350	433	606	686	795	954	1193	1372	1671	1870	2228	2548	3183	3581
	1200	30	36	48	68	85	113	137	199	242	276	342	480	543	628	753	942	1083	1319	1476	1758	2010	2515	2827
	1000	25	30	40	56	71	93	114	165	202	230	285	400	452	523	626	785	903	1099	1230	1465	1675	2094	2356
45	1800	40	48	64	90	113	149	183	265	323	368	456	640	724	837	1005	1256*	1445*	1758*	1968*	2345*	2680*	3350*	3769*
	1500	33	40	53	74	93	123	151	219	266	304	376	528	597	691	829	1036	1192	1451	1624	1935	2211	2764	3109
	1200	27	32	43	61	76	100	123	179	218	248	308	432	488	565	676	846	973	1187	1328	1583	1809	2261	2544
	1000	22	26	35	49	62	82	100	146	177	202	251	352	398	460	552	691	794	967	1083	1290	1474	1843	2073
50	1800	36	43	58	81	102	134	165	239	291	331	410	576	652	753	904	1130	1300*	1580*	1771*	2110*	2412*	3015*	3392*
	1500	30	36	48	68	85	112	137	199	242	276	342	480	543	628	753	942	1083	1319	1476	1758	2010	2515	2827
	1200	24	29	38	54	68	89	110	159	194	221	273	384	434	502	603	753	867	1055	1181	1407	1608	2010	2261
	1000	20	24	32	45	56	74	91	132	161	184	228	320	362	418	502	626	722	879	984	1172	1340	1675	1884
56	1800	32	38	51	72	91	119	148	212	258	294	365	513	579	670	804	1005	1156	1407*	1574*	1875*	2144*	2680*	3015*
	1500	27	32	43	61	76	100	123	179	218	248	308	432	488	565	676	846	975	1187	1328	1583	1809	2261	2544
	1200	21	25	34	47	59	78	96	139	169	193	239	336	380	439	527	659	758	923	1033	1231	1407	1759	1979
	1000	17.9	21	29	40	50	66	82	119	144	164	204	286	324	374	449	562	646	787	880	1049	1199	1499	1686
63	1800	29	35	47	65	82	108	133	192	234	267	330	464	525	607	728	910	1047	1275*	1427*	1700*	1943*	2429*	2732*
	1500	24	29	38	54	68	89	110	159	194	221	273	384	434	502	603	753	867	1055	1181	1407	1608	2010	2261
	1200	19	23	30	43	54	71	87	126	155	175	218	304	344	397	477	596	686	835	935	1114	1273	1591	1790
	1000	15.9	19	25	36	45	59	72	105	128	146	181	254	288	332	399	498	574	698	782	932	1065	1331	1498
71	1800	25	30	40	56	71	93	114	166	202	230	285	400	452	523	628	785	903	1099*	1230*	1465*	1675*	2094*	2356*
	1500	21	25	34	47	59	78	96	139	169	193	239	336	380	439	527	659	758	923	1033	1231	1407	1759	1979
	1200	16.9	20	27	38	48	63	77	112	136	155	192	270	306	353	424	530	610	743	831	990	1132	1415	1592
	1000	14.1	17	22	32	40	52	64	93	113	129	160	225	255	295	354	442	509	620	693	826	944	1181	1328
80	1800	23	27	37	52	65	86	106	153	186	211	263	368	416	481	579	722	830	1011*	1131*	1348*	1541*	1926*	2167*
	1500	18.8	22	30	42	53	70	86	125	151	175	214	301	340	393	472	590	679	826	925	1102	1259	1574	1771
	1200	15	18	24	34	42	56	68	99	121	138	171	240	271	314	378	471	541	659	738	879	1005	1256	1413
	1000	12.5	15	20	28	35	46	57	83	101	115	142	200	226	261	314	392	451	549	615	732	837	1047	1178
90	1800	20	24	32	41	56	73	91	132	161	184	228	320	362	418	502	627	722	856*	984*	1172*	1340*	1675*	1884*
	1500	16.7	20	27	34	47	60	76	111	134	153	190	267	302	348	419	527	603	716	821	979	1118	1398	1573
	1200	13.3	16	21	27	37	48	60	88	107	122	151	213	240	278	334	420	480	570	654	779	891	1114	1253
	1000	11.1	13	18	23	31	40	50	73	89	102	126	177	201	232	278	337	400	476	546	650	743	929	1046
100	1800	18		27		51		82		145		255		326		425		631		876*		1206*		1696*
	1500	15		22		42		68		121		371		271		354		526		730		1005		1413
	1200	12		18		34		55		97		138		217		283		420		584		804		1130
	1000	10		15		28		45		80		114		181		236		353		486		670		942
112	1800	16.1		25		42		72		130		183												
	1500	13.4		21		35		60		108		152												
	1200	10.7		16		28		47		86		122												
	1000	8.9		13		23		38		71		101												

带式安装齿轮箱应采用强制润滑
* 请与我们联系

Forced lubrication required on hour/vertical gear units
* Gear units only on request

齿轮箱 额定输出扭矩
类型 MTH3.. / 规格 5-26

Gear Units Nominal Output Torques
Type MTH3... / Sizes 5-26

额定输出扭矩 T_{2N} (kNm) Nominal output torques T_{2N} (kNm)

i_N	齿轮减速机 / Gear unit sizes																							
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.25	2.9		8		15.2		34.7																	
1.4	3.1		8.2		15.9		25.6																	
1.6	3.3		8.6		16.3		27.1		46		67.4													
1.8	2.7		8.8		17.4		28		47.6		70.9													
2	2.8		9.4		17.8		28.7		49.1		72.9		129											
2.24	2.8		9.6		17.8		28.7		50.6		75.2		130											
2.5	2.9		9.6		17.8		28.7		50.6		77		117											
2.8	3.1		9.6		17.1		27.2		50.6		77		120		171									
3.15	3.1		9.6		17.4		28.1		48.1		73.5		124		173									
3.55	3.2		9.5		17.8		28.6		50.2		76.4		126		173									
4	3.2		9.6		17.8		28.7		50.6		75.7		130		173		245							
4.5	2.5		7.7		15.8		24.6		46		61.6		109		146		216							
5	2.4		7.2		13.8		23.5		38.7		58.3		99		124		174							
5.6	2.3		6.9		13.1		20.1		36.5		55.4		80.4		118		150							
6.3		6.3	10.7		20.3		33.7		59.3		86		143		195		292							
7.1		6.5	11.2		20.3		33.7		59.3		86		143	160	195	230	292	335	410					
8		6.7	11.2	13.5	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	410	458				
9		6.7	11.2	14.4	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	410	458	540			
10		6.3	10.5	14.4	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	410	458	540	620		
11.2		6.3	10.6	14.4	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	410	458	540	620	780	
12.5		6.7	11.2	13.5	20.2	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	410	458	540	620	780	880
14		6.7	11.2	13.5	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	410	458	540	620	780	880
16		6.7	11.2	14.4	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	410	458	540	620	780	880
18		6.3	10.5	14.4	19	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	410	458	540	620	780	880
20		6.6	11.2	14.4	19	25.6	33.7	42.2	59.3	73.8	86	107	143	160	195	230	292	335	410	458	540	620	780	880
22.4		6.3	10.9	13.5	18.8	24	33.1	42.2	58.3	73.8	86	107	153	160	200	230	300	335	420	458	540	620	800	880
25			11.6	14.3	21.7	24	35.7	42.2	60.5	73.8	86	107	153	173	200	240	300	345	420	470	560	640	800	960
28			11.6	13.9	21.7	25	35.7	41.6	60.5	72.5	86	109	153	173	200	240	300	345	420	470	560	640	800	960
31.5			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	960
35.5			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	960
40			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	960
45			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	960
50			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	960
56			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	960
63			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	960
71			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	960
80			11.6	15.5	21.7	27.2	35.7	43.8	60.5	77.2	86	109	153	173	200	240	300	345	420	470	560	640	800	960
90			11.6	15.5	20	27.2	34.5	43.8	60.5	77.2	86	109	153	173	200	240	290	345	410	470	560	640	800	960
100				14.5	21.7	27.2	35.7	43.8	61.6	77.2	90.7	109	153	173	200	226	300	335	420	465	560	640	800	960
112				15	21.7	25.2	35.7	42.6	61.6	77.2	90.7	109	153	173	200	240	300	345	420	470	560	640	800	960
125					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	960
140					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	960
160					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	960
180					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	960
200					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	960
224					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	960
250					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	960
280					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	960
315					21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	960
355					19.6	27.2	35.7	44.2	61.6	78	90.7	113	140	173	192	240	290	345	410	470	560	640	800	960
400						27.2		44.2		78		113		158		220		335		465		640		960
450						25.3		42.8		78		113												

齿轮箱 热容量 / n_1=1000 min^{-1}
类型 MTH3.. / 规格 5-26

Gear Units Thermal Capacities / n_1=1000 min^{-1}
Type MTH3.. / Sizes 5-26

i_N		热容量 P_G (kW) / Thermal capacities P_G (kW) 齿轮箱规格 / Gear unit sizes																					
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
22.4	P_{GA}									196		358		370		325		350		*		*	
	P_{GB}									300		432		440		*		*		*		*	
	P_{GC}									561		903		903		*		*		*		*	
	P_{GD}									650		1043		1029		*		*		*		*	
25	P_{GA}	48.9		73.5		99.3		145		191		253	265	263	276	323	333	360	343	*	*	*	*
	P_{GB}	73.4		110		150		230		294		420	443	427	451	*	*	*	*	*	*	*	*
	P_{GC}	105		169		247		419		533		850	913	861	908	*	*	*	*	*	*	*	*
	P_{GD}	128		201		290		492		617		946	1055	972	1033	*	*	*	*	*	*	*	*
28	P_{GA}	48		74.2		99		142		186	214	254	264	265	274	326	338	360	370	*	*	*	*
	P_{GB}	70.7		112		150		222		286	327	417	434	425	441	*	*	*	*	*	*	*	*
	P_{GC}	99.7		167		239		392		506	586	820	860	819	854	*	*	*	*	*	*	*	*
	P_{GD}	118		200		284		464		580	680	957	999	942	981	*	*	*	*	*	*	*	*
31.5	P_{GA}	46.7	54	71.4	79.1	96.9	100	138	164	184	211	252	265	263	276	327	341	364	389	*	*	*	*
	P_{GB}	68.5	78.6	107	118	146	151	215	256	279	319	411	432	416	440	*	*	*	*	*	*	*	*
	P_{GC}	95.6	109	158	173	230	286	374	431	480	556	783	829	785	826	*	*	*	*	*	*	*	*
	P_{GD}	114	130	190	209	273	333	443	509	580	647	917	969	906	952	*	*	*	*	*	*	*	*
35.5	P_{GA}	45.2	51.9	69.4	79.7	93.9	99.8	134	155	180	206	244	264	255	274	325	342	404	404	*	*	*	*
	P_{GB}	66.2	75.6	104	119	142	149	208	246	271	311	399	431	401	433	*	*	*	*	*	*	*	*
	P_{GC}	91.3	103	151	171	219	278	354	403	456	523	725	792	725	789	*	*	*	*	*	*	*	*
	P_{GD}	109	123	183	205	262	324	422	486	534	612	854	934	844	916	*	*	*	*	*	*	*	*
40	P_{GA}	42.7	50.4	66	76.6	88.9	96.5	129	155	174	201	237	253	247	264	317	336	405	407	*	*	*	*
	P_{GB}	62.9	73.3	98.9	113	134	145	199	238	261	302	380	406	387	412	*	*	*	*	*	*	*	*
	P_{GC}	84.8	98.8	141	161	204	265	333	384	431	490	683	734	685	730	*	*	*	*	*	*	*	*
	P_{GD}	101	117	170	194	244	310	397	457	506	580	808	867	796	853	*	*	*	*	*	*	*	*
45	P_{GA}	40.8	46.7	63.8	74.3	85.0	94	125	148	167	194	237	245	246	254	316	328	393	402	*	*	*	*
	P_{GB}	58.6	70.7	95	110	126	141	199	228	250	291	378	390	383	397	*	*	*	*	*	*	*	*
	P_{GC}	80.1	94.4	134	155	193	254	326	364	406	475	669	693	670	689	*	*	*	*	*	*	*	*
	P_{GD}	96	113	162	186	232	298	389	434	475	557	793	817	782	804	*	*	*	*	*	*	*	*
50	P_{GA}	39.6	46.1	60.1	70.9	84.2	89.4	127	145	166	190	241	240	248	259	320	332	410	410	*	*	*	*
	P_{GB}	57.6	66.7	89.8	104	126	135	195	229	245	283	378	393	381	399	*	*	*	*	*	*	*	*
	P_{GC}	77.3	87.7	126	146	189	236	319	344	394	448	662	678	655	671	*	*	*	*	*	*	*	*
	P_{GD}	92.8	106	152	174	225	277	381	411	466	529	765	805	771	793	*	*	*	*	*	*	*	*
56	P_{GA}	37.6	44.3	57.5	68.4	80.4	86.2	118	140	161	183	232	250	240	258	311	332	401	421	*	*	*	*
	P_{GB}	54.5	63.9	86.2	100	120	126	181	221	236	271	361	390	367	394	*	*	*	*	*	*	*	*
	P_{GC}	72.6	83	118	138	176	223	289	337	373	421	617	669	614	660	*	*	*	*	*	*	*	*
	P_{GD}	86.7	99.7	143	165	212	262	345	403	441	499	735	795	723	777	*	*	*	*	*	*	*	*
63	P_{GA}	36.3	42.7	53.7	64.7	76.2	84.6	113	143	154	180	222	242	230	250	295	324	393	413	*	*	*	*
	P_{GB}	53.2	61.4	79.4	95.1	113	124	171	218	226	260	343	375	343	378	*	*	*	*	*	*	*	*
	P_{GC}	67.3	80.1	109	129	160	218	268	330	347	410	570	622	567	616	*	*	*	*	*	*	*	*
	P_{GD}	80.6	95.2	130	158	197	257	321	395	411	486	681	746	672	736	*	*	*	*	*	*	*	*
71	P_{GA}	35.1	40.5	52.1	61.6	74.6	80.3	110	133	150	174	216	229	221	237	292	300	373	397	*	*	*	*
	P_{GB}	50.6	58.1	76.7	90.4	110	119	166	206	218	255	333	353	334	357	*	*	*	*	*	*	*	*
	P_{GC}	66.5	75.1	104	122	160	204	258	308	331	389	548	577	542	571	*	*	*	*	*	*	*	*
	P_{GD}	79.7	89.8	126	148	191	239	309	357	393	461	655	690	644	676	*	*	*	*	*	*	*	*
80	P_{GA}	33.3	36.2	50.8	57.8	70.6	76.1	104	125	145	160	206	222	213	228	277	299	358	377	*	*	*	*
	P_{GB}	47.9	54.5	74.9	84.1	104	111	156	196	213	241	320	342	321	343	*	*	*	*	*	*	*	*
	P_{GC}	61.8	69.7	100	111	148	189	238	277	319	361	517	555	512	546	*	*	*	*	*	*	*	*
	P_{GD}	74.2	83.6	121	134	179	222	286	332	376	429	620	663	608	648	*	*	*	*	*	*	*	*
90	P_{GA}	32.9	37.8	48.1	56.7	67.1	74.3	100	123	136	160	196	215	201	219	263	283	349	361	*	*	*	*
	P_{GB}	47.3	54.1	70.7	81.1	98.8	108	151	183	199	233	301	328	302	329	*	*	*	*	*	*	*	*
	P_{GC}	60.1	69.1	93.1	107	138	185	228	267	293	345	479	524	474	516	*	*	*	*	*	*	*	*
	P_{GD}	72.3	82.8	112	129	166	217	275	321	348	409	573	626	564	614	*	*	*	*	*	*	*	*
100	P_{GA}		35.8		54.6		70.7		116		150		203		206		270		358		*		*
	P_{GB}		51.2		79.5		103		173		227		310		315		*		*		*		*
	P_{GC}		64.3		103		172		247		332		464		479		*		*		*		*
	P_{GD}		77.2		125		202		297		394		581		569		*		*		*		*
112	P_{GA}		35.5		51.7		67.2		112		146												
	P_{GB}		50.7		75.2		98.3		168		213												
	P_{GC}		62.5		96.8		159		237		306												
	P_{GD}		75.2		118		188		286		364												

* 请与我们联系
P_{GA} (kW) 齿轮箱不带辅助冷却装置**)
P_{GB} (kW) 齿轮箱带冷却风扇**)
P_{GC} (kW) 齿轮箱带内置冷却盘管**)
P_{GD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)
**) 表中数值按:
每小时工作运转 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us
P_{GA} (kW) Gear units without auxiliary cooling **)
P_{GB} (kW) Gear units with fan **)
P_{GC} (kW) Gear units with built-in cooling coil **)
P_{GD} (kW) Gear units with fan and built-in cooling coil **)
**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1200 min^{-1}
类型 MTH3.. / 规格 5-26

Gear Units Thermal Capacities / n_1=1200 min^{-1}
Type MTH3.. / Sizes 5-26

i_N		热容量 P_G (kW) / Thermal capacities P_G (kW) 齿轮箱规格 / Gear unit sizes																					
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
22.4	P_{GA}									173		209		208		232		*		*		*	
	P_{GB}									295		393		382		*		*		*		*	
	P_{GC}									580		913		801		*		*		*		*	
	P_{GD}									681		1059		1023		*		*		*		*	
25	P_{GA}	48.8		72.6		98.6		138		170		207	212	203	207	234	235	*	*	*	*	*	*
	P_{GB}	75.1		118		160		255		286		380	399	375	386	*	*	*	*	*	*	*	*
	P_{GC}	113		180		262		439		552		862	921	852	900	*	*	*	*	*	*	*	*
	P_{GD}	138		221		319		527		647		1004	1066	970	1021	*	*	*	*	*	*	*	*
28	P_{GA}	46.1		73.7		97.1		134		170	193	218	221	210	217	252	255	*	*	*	*	*	*
	P_{GB}	76.5		120		159		229		285	324	394	404	387	394	*	*	*	*	*	*	*	*
	P_{GC}	106		179		255		413		521	609	839	875	828	853	*	*	*	*	*	*	*	*
	P_{GD}	131		221		311		500		617	718	987	1034	956	987	*	*	*	*	*	*	*	*
31.5	P_{GA}	47.1	54.2	71.3	78.6	95.8	98.4	132	156	171	194	222	230	223	230	267	274	276	*	*	*	*	*
	P_{GB}	74.4	86.3	115	127	157	161	225	263	283	307	399	415	394	408	*	*	*	*	*	*	*	*
	P_{GC}	102	117	169	185	245	305	398	464	503	581	808	852	802	840	*	*	*	*	*	*	*	*
	P_{GD}	126	144	210	227	300	365	481	549	588	680	959	1008	935	975	*	*	*	*	*	*	*	*
35.5	P_{GA}	45.7	52.5	68.7	79.8	93.6	99	130	153	171	194	222	237	226	239	279	290	311	292	*	*	*	*
	P_{GB}	72.2	82.4	113	128	153	160	220	257	280	305	393	420	391	417	*	*	*	*	*	*	*	*
	P_{GC}	98.3	110	163	183	234	297	376	427	481	550	755	822	749	812	*	*	*	*	*	*	*	*
	P_{GD}	121	137	202	227	289	356	460	521	576	658	905	984	884	954	*	*	*	*	*	*	*	*
40	P_{GA}	43.0	51.1	66.5	75.9	88.9	96.2	126	150	167	192	219	231	223	235	279	293	322	318	*	*	*	*
	P_{GB}	68.1	80	107	123	145	155	212	251	272	313	393	408	383	404	*	*	*	*	*	*	*	*
	P_{GC}	91.3	106	151	173	219	284	355	407	455	527	714	785	712	756	*	*	*	*	*	*	*	*
	P_{GD}	112	131	188	215	270	342	434	497	547	633	862	921	840	895	*	*	*	*	*	*	*	*
45	P_{GA}	41.5	48.4	64.2	74.7	86.9	93.8	126	145	161	186	220	226	224	229	281	287	321	313	*	*	*	*
	P_{GB}	65.2	77.3	103	120	139	152	212	242	261	303	384	393	382	392	*	*	*	*	*	*	*	*
	P_{GC}	86.3	101	144	168	207	272	347	397	429	502	701	724	698	715	*	*	*	*	*	*	*	*
	P_{GD}	106	125	180	208	256	329	427	474	516	603	847	871	826	848	*	*	*	*	*	*	*	*
50	P_{GA}	40.4	47	61.2	71.9	85.2	90.3	127	144	164	187	232	239	235	245	300	309	365	356	*	*	*	*
	P_{GB}	63.2	73.2	98.2	114	137	145	210	238	262	301	395	410	394	410	*	*	*	*	*	*	*	*
	P_{GC}	83.5	94.6	136	156	203	254	342	398	421	477	701	717	691	707	*	*	*	*	*	*	*	*
	P_{GD}	103	117	169	193	250	307	421	492	510	589	852	872	832	853	*	*	*	*	*	*	*	*
56	P_{GA}	38.5	45.3	58.7	69.7	81.8	87.7	119	146	161	183	228	240	234	250	300	319	376	386	*	*	*	*
	P_{GB}	60.1	70.4	93.7	110	131	140	197	240	257	292	384	414	387	414	*	*	*	*	*	*	*	*
	P_{GC}	78.5	89.7	128	148	190	241	311	381	403	451	658	713	652	700	*	*	*	*	*	*	*	*
	P_{GD}	96.9	111	160	185	236	292	383	446	466	550	805	869	789	846	*	*	*	*	*	*	*	*
63	P_{GA}	36.4	43.9	55.1	66.4	78	86.5	115	145	156	182	220	242	229	249	293	320	382	398	*	*	*	*
	P_{GB}	56.6	67.9	87.6	105	124	137	188	236	247	289	371	405	375	408	*	*	*	*	*	*	*	*
	P_{GC}	72.8	86.6	118	139	176	235	289	356	376	441	611	667	607	659	*	*	*	*	*	*	*	*
	P_{GD}	90.2	107	146	174	220	286	357	439	456	542	753	824	741	804	*	*	*	*	*	*	*	*
71	P_{GA}	36.1	41.8	53.5	63.2	76.4	82.4	112	136	152	177	217	230	222	236	290	301	365	386	*	*	*	*
	P_{GB}	55	64.3	84.8	99.8	122	131	182	219	239	279	361	382	361	385	*	*	*	*	*	*	*	*
	P_{GC}	72	81.2	113	130	173	220	279	321	367	419	589	620	581	611	*	*	*	*	*	*	*	*
	P_{GD}	86.2	100	141	163	214	267	345	398	435	512	725	784	712	748	*	*	*	*	*	*	*	*
80	P_{GA}	34.3	39.2	52.3	59.1	72.4	78	106	128	148	167	210	224	214	228	277	289	350	368	*	*	*	*
	P_{GB}	53	60.3	82.8	92.9	114	123	172	207	233	264	348	371	348	371	*	*	*	*	*	*	*	*
	P_{GC}	66.9	75.5	109	120	160	204	257	298	344	389	556	596	550	586	*	*	*	*	*	*	*	*
	P_{GD}	83	93.6	136	150	200	249	319	370	420	476	686	735	673	716	*	*	*	*	*	*	*	*
90	P_{GA}	32.9	38.9	48.5	57.2	68.8	76.2	103	125	138	163	199	217	203	220	264	284	345	358	*	*	*	*
	P_{GB}	52.4	59.8	78.3	89.7	109	119	166	201	218	256	328	358	329	357	*	*	*	*	*	*	*	*
	P_{GC}	65.1	74.8	100	115	140	200	247	288	315	372	515	583	509	555	*	*	*	*	*	*	*	*
	P_{GD}	81	92.7	126	145	186	242	307	358	388	459	637	697	625	680	*	*	*	*	*	*	*	*
100	P_{GA}		37		56.3		72.7		119		163		207		212		276		358		*		*
	P_{GB}		56.8		88.1		114		191		251		340		340		*		*		*		*
	P_{GC}		69.5		112		186		267		359		523		515		*		*		*		*
	P_{GD}		86.5		140		225		332		441		646		634		*		*		*		*
112	P_{GA}		36.6		53.3		69.3		116		153												
	P_{GB}		56.2		83.4		108		185		235												
	P_{GC}		67.8		103		172		257		330												
	P_{GD}		84.3		130		211		320		407												

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P_{GD} (kW) Gear units with fan and built-in cooling coil **)
**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1500 min^{-1}
型号 MTH3.. / 规格 5-26

Gear Units Thermal Capacities / n_1=1500 min^{-1}
Type MTH3.. / Sizes 5-26

i_N		热容量 P_D (kW) / Thermal capacities P_D (kW) 齿轮箱规格 / Gear unit sizes																			
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
22.4	P_{DA}									169		193		180		*		*		*		*	
	P_{DB}									346		453		450		*		*		*		*	
	P_{DC}									668		1050		1035		*		*		*		*	
	P_{DD}									811		1267		1228		*		*		*		*	
25	P_{DA}	52.5		76.1		100		138		167		192	193	180	*	*	*	*	*	*	*	*	*
	P_{DB}	92.4		138		187		270		338		453	470	442	455	*	*	*	*	*	*	*	*
	P_{DC}	136		209		300		507		636		993	1068	970	1055	*	*	*	*	*	*	*	*
	P_{DD}	163		261		378		626		771		1201	1277	1164	1227	*	*	*	*	*	*	*	*
28	P_{DA}	50.0		77.5		101		137		169	191	206	207	196	196	222	*	*	*	*	*	*	*
	P_{DB}	88.4		140		188		268		334	380	453	475	455	464	*	*	*	*	*	*	*	*
	P_{DC}	129		207		294		477		606	701	966	1006	963	966	*	*	*	*	*	*	*	*
	P_{DD}	155		261		368		593		734	864	1178	1224	1145	1162	*	*	*	*	*	*	*	*
31.5	P_{DA}	48.9	57.4	75.3	82.8	100	132	137	158	173	196	217	222	212	216	246	248	*	*	*	*	*	*
	P_{DB}	86.9	99.6	135	148	180	186	265	308	332	377	456	487	460	480	*	*	*	*	*	*	*	*
	P_{DC}	118	135	195	214	260	352	457	523	580	670	930	981	924	967	*	*	*	*	*	*	*	*
	P_{DD}	149	170	248	268	355	432	570	656	710	810	1143	1202	1116	1165	*	*	*	*	*	*	*	*
35.5	P_{DA}	48.6	55.7	73.9	84.4	98.7	104	139	158	175	196	222	235	221	232	268	276	273	*	*	*	*	*
	P_{DB}	84.5	96.2	132	150	179	186	267	306	328	374	461	493	459	489	*	*	*	*	*	*	*	*
	P_{DC}	113	127	188	211	271	343	434	492	555	634	870	946	863	935	*	*	*	*	*	*	*	*
	P_{DD}	140	161	239	268	342	421	544	617	680	781	1075	1171	1052	1137	*	*	*	*	*	*	*	*
40	P_{DA}	46.1	54.3	70.6	81.4	93.8	101	132	156	172	197	221	232	221	231	272	283	290	299	*	*	*	*
	P_{DB}	79.5	93.4	126	144	170	180	248	293	318	366	448	476	449	474	*	*	*	*	*	*	*	*
	P_{DC}	105	122	175	203	252	327	410	476	526	606	823	882	820	871	*	*	*	*	*	*	*	*
	P_{DD}	133	154	223	254	319	404	514	589	649	750	1024	1094	1003	1066	*	*	*	*	*	*	*	*
45	P_{DA}	44.2	52.9	68.2	79.2	90.8	99.1	132	151	166	192	223	227	224	227	276	280	297	278	*	*	*	*
	P_{DB}	76.1	90.2	120	140	162	177	247	280	306	360	450	460	458	466	*	*	*	*	*	*	*	*
	P_{DC}	99.7	117	167	192	239	314	401	447	495	579	809	835	804	823	*	*	*	*	*	*	*	*
	P_{DD}	126	148	212	243	300	388	505	561	611	714	1006	1054	985	1009	*	*	*	*	*	*	*	*
50	P_{DA}	43.2	50.1	65.2	76.0	90.0	95.9	134	151	171	195	240	246	242	250	304	313	360	344	*	*	*	*
	P_{DB}	73.8	85.5	114	133	160	169	246	279	306	362	462	470	462	486	*	*	*	*	*	*	*	*
	P_{DC}	96.4	109	157	181	235	293	395	425	485	561	809	827	797	815	*	*	*	*	*	*	*	*
	P_{DD}	122	138	200	228	296	362	497	534	603	686	1009	1033	987	1012	*	*	*	*	*	*	*	*
56	P_{DA}	41.2	48.0	62.7	74.4	87.3	93.4	127	154	170	192	239	256	243	260	350	329	379	387	*	*	*	*
	P_{DB}	70.1	80.2	108	128	153	164	230	280	300	341	449	484	453	486	*	*	*	*	*	*	*	*
	P_{DC}	90.6	103	148	172	219	278	359	417	461	521	759	822	752	808	*	*	*	*	*	*	*	*
	P_{DD}	114	131	188	218	278	344	452	527	574	650	952	1028	934	1001	*	*	*	*	*	*	*	*
63	P_{DA}	39.1	47	59	71	83.0	92.5	122	154	166	184	228	255	241	262	307	336	397	411	*	*	*	*
	P_{DB}	66.1	79.2	103	123	145	160	219	276	288	328	434	473	439	474	*	*	*	*	*	*	*	*
	P_{DC}	84.1	100	136	161	204	272	334	411	432	510	706	770	700	760	*	*	*	*	*	*	*	*
	P_{DD}	106	126	173	205	259	338	421	518	538	637	889	970	876	952	*	*	*	*	*	*	*	*
71	P_{DA}	38.7	44.8	57.3	67.7	81.8	88.2	120	144	162	186	230	240	234	249	306	318	391	400	*	*	*	*
	P_{DB}	65.3	75	98.9	116	142	153	213	258	279	325	422	447	422	456	*	*	*	*	*	*	*	*
	P_{DC}	83.1	93.8	130	151	200	256	322	371	412	484	680	715	671	708	*	*	*	*	*	*	*	*
	P_{DD}	105	118	166	192	252	315	407	469	515	605	857	902	841	891	*	*	*	*	*	*	*	*
80	P_{DA}	36.8	42.1	56	63.3	77.6	83.5	113	136	158	176	223	237	227	241	293	315	369	384	*	*	*	*
	P_{DB}	61.9	70.3	96.6	108	134	143	201	241	272	308	406	434	406	433	*	*	*	*	*	*	*	*
	P_{DC}	77.3	87.2	125	139	185	238	297	345	398	440	642	688	635	676	*	*	*	*	*	*	*	*
	P_{DD}	97.9	110	160	177	236	293	377	437	496	564	812	866	795	846	*	*	*	*	*	*	*	*
90	P_{DA}	34.3	41.8	53.1	61.4	73.8	81.6	110	134	148	175	211	231	215	233	280	300	360	372	*	*	*	*
	P_{DB}	61.1	69.8	91.3	104	127	140	194	235	255	298	383	418	384	417	*	*	*	*	*	*	*	*
	P_{DC}	75.1	86.4	118	133	172	231	285	333	365	430	595	651	588	646	*	*	*	*	*	*	*	*
	P_{DD}	95.0	109	148	171	219	286	362	422	458	537	752	823	738	803	*	*	*	*	*	*	*	*
100	P_{DA}		39.7		60.4		78		128		171		221		226		294		379		*		*
	P_{DB}		66.2		102		130		223		293		397		397		*		*		*		*
	P_{DC}		80.3		129		215		308		415		604		595		*		*		*		*
	P_{DD}		101		160		266		392		520		764		748		*		*		*		*
112	P_{DA}		39.3		57.2		74.3		124		161												
	P_{DB}		65.6		97.3		127		216		274												
	P_{DC}		78.3		113		199		298		382												
	P_{DD}		99.4		153		248		377		479												

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Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1800 min^{-1}
型号 MTH3.. / 规格 5-26

Gear Units Thermal Capacities / n_1=1800 min^{-1}
Type MTH3.. / Sizes 5-26

i_N		热容量 P_D (kW) / Thermal capacities P_D (kW) 齿轮箱规格 / Gear unit sizes																			
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
22.4	P_{DA}									141		*		*		*		*		*		*	
	P_{DB}									362		446		416		*		*		*		*	
	P_{DC}									713		1103		1035		*		*		*		*	
	P_{DD}									881		1360		1290		*		*		*		*	
25	P_{DA}	52.9		75.6		97.7		126		140		*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	101		150		204		289		345		439	448	411	414	*	*	*	*	*	*	*	*
	P_{DC}	143		227		329		547		679		1043	1110	1020	1072	*	*	*	*	*	*	*	*
	P_{DD}	183		292		421		689		839		1282	1398	1226	1285	*	*	*	*	*	*	*	*
28	P_{DA}	51.6		77.6		99.8		129		148	183	*	*	*	*	*	*	*	*	*	*	*	*
	P_{DB}	97.9		153		202		286		346	392	460	466	439	439	*	*	*	*	*	*	*	*
	P_{DC}	135		226		321		516		644	751	1023	1084	1021	1023	*	*	*	*	*	*	*	*
	P_{DD}	174		292		411		655		803	932	1269	1372	1219	1252	*	*	*	*	*	*	*	*
31.5	P_{DA}	50.9	58.3	79	82.9	100	161	131	149	157	176	179	178	*	*	*	*	*	*	*	*	*	*
	P_{DB}	96.5	109	147	162	199	264	291	327	348	394	475	490	459	470	*	*	*	*	*	*	*	*
	P_{DC}	130	148	214	234	309	384	496	566	625	721	992	1043	978	1020	*	*	*	*	*	*	*	*
	P_{DD}	168	191	279	301	397	482	622	719	781	900	1240	1300	1200	1248	*	*	*	*	*	*	*	*
35.5	P_{DA}	48.6	56.8	75.1	85.3	99.2	104	132	152	164	184	184	194	201	184	187	208	*	*	*	*	*	*
	P_{DB}	92.9	105	145	164	195	265	277	320	348	396	477	507	467	493	*	*	*	*	*	*	*	*
	P_{DC}	124	140	208	232	296	376	472	538	601	686	933	1015	920	995	*	*	*	*	*	*	*	*
	P_{DD}	161	182	268	301	380	421	606	695	755	862	1178	1208	1144	1231	*	*	*	*	*	*	*	*
40	P_{DA}	47.3	55.7	72	82.7	94.9	101	130	151	164	186	189	205	190	194	203	227	*	*	*	*	*	*
	P_{DB}	87.7	102	138	158	186	199	268	315	339	390	469	495	462	484	*	*	*	*	*	*	*	*
	P_{DC}	116	135	192	219	277	359	447	511	570	659	887	947	878	930	*	*	*	*	*	*	*	*
	P_{DD}	149	173	250	285	357	453	578	666	719	831	1124	1189	1085	1165	*	*	*	*	*	*	*	*
45	P_{DA}	46.5	53.9	69.7	80.6	92	99.9	131	147	160	183	203	204	196	194	231	230	*	*	*	*	*	*
	P_{DB}	84	99.5	132	154	178	194	268	305	327	379	472	481	464	473	*	*	*	*	*	*	*	*
	P_{DC}	109	129	183	211	262	345	438	497	537	629	872	898	863	882	*	*	*	*	*	*	*	*
	P_{DD}	141	166	239	273	340	435	563	624	676	792	1107	1135	1077	1101	*	*	*	*	*	*	*	*
50	P_{DA}	44.7	51.9	67.3	78.7	92.9	98	136	152	170	193	231	234	229	233	280	280	305	274	*	*	*	*
	P_{DB}	81.7	94.8	126	147	177	186	269	303	332	381	486	512	491	508	*	*	*	*	*	*	*	*
	P_{DC}	106	120	172	199	258	322	433	495	530	601	879	897	864	881	*	*	*	*	*	*	*	*
	P_{DD}	137	155	225	257	332	407	556	596	675	765	1128	1145	1092	1117	*	*	*	*	*	*	*	*
56	P_{DA}	42.9	50.4	66	77	90.1	96.2	129	157	171	194	236	252	237	252	298	315	347	343	*	*	*	*
	P_{DB}	77.7	91.1	121	143	169	181	253	307	329	373	487	523	488	521	*	*	*	*	*	*	*	*
	P_{DC}	96.9	114	163	189	241	306	395	458	505	575	829	887	820	879	*	*	*	*	*	*	*	*
	P_{DD}	129	148	212	246	314	388	508	592	644	729	1063	1147	1040	1114	*	*	*	*	*	*	*	*
63	P_{DA}	40.8	48	61.5	73.9	86.8	96	126	159	170	196	236	258	243	262	307	334	385	394	*	*	*	*
	P_{DB}	73.4	86	113	135	160	177	242	304	317	372	475	517	479	517	*	*	*	*	*	*	*	*
	P_{DC}	92.7	110	150	178	225	299	368	452	474	585	774	844	767	832	*	*	*	*	*	*	*	*
	P_{DD}	125	143	194	232	293	381	475	564	606	716	966	1091	981	1064	*	*	*	*	*	*	*	*
71	P_{DA}	40.4	46.8	59.8	70.5	85.1	91.8	124	149	166	185	234	247	237	251	307	317	374	387	*	*	*	*
	P_{DB}	72.6	83.3	109	129	158	170	255	293	308	359	463	490	462	492	*	*	*	*	*	*	*	*
	P_{DC}	91.7	103	144	166	220	281	365	408	453	532	746	785	735	773	*	*	*	*	*	*	*	*
	P_{DD}	118	134	188	217	285	366	458	529	580	691	962	1012	943	997	*	*	*	*	*	*	*	*
80	P_{DA}	38.4	44	58.5	66	80.8	86.8	118	141	160	183	228	242	230	244	295	317	365	376	*	*	*	*
	P_{DB}	68.8	76.2	107	120	148	159	222	267	300	340	447	476	446	475	*	*	*	*	*	*	*	*
	P_{DC}	86.3	95.2	136	153	204	260	327	390	437	494	709	756	696	742	*	*	*	*	*	*	*	*
	P_{DD}	110	124	181	209	266	331	426	492	559	635	913	975	893	949	*	*	*	*	*	*	*	*
90	P_{DA}	36	43.6	56.4	64	76.9	85	114	139	152	179	217	236	219	237	284	304	362	368	*	*	*	*
	P_{DB}	67.9	77.6	101	116	141	155	215	265	282	335	422	460	422	458	*	*	*	*	*	*	*	*
	P_{DC}	82.9	95.3	129	147	190	254	314	367	401	473	664	715	645	703	*	*	*	*	*	*	*	*
	P_{DD}	107	123	168	193	247	323	409	476	516	605	846	905	829	902	*	*	*	*	*	*	*	*
100	P_{DA}		41.6		63.2		81.6		133		178		229		233		303		386		*		*
	P_{DB}		73.7		114		148		247		325		440		439		*		*		*		*
	P_{DC}		88.8		142		237		340		457		665		653		*		*		*		*
	P_{DD}		115		186		301		442		587		862		843		*		*		*		*
112	P_{DA}		41.2		59.9		77.8		130		168												
	P_{DB}		73		108		141		240		305												
	P_{DC}		86.4		132		220		327		421												
	P_{DD}		112		173		281		426		542												

* 请与我们联系
P_{DA} (kW) 齿轮箱不带辅助冷却装置**)
P_{DB} (kW) 齿轮箱带冷却风扇**)
P_{DC} (kW) 齿轮箱带内置冷却盘管**)
P_{DD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)
**) 表中数值按:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us
P_{DA} (kW) Gear units without auxiliary cooling **)
P_{DB} (kW) Gear units with fan **)
P_{DC} (kW) Gear units with built-in cooling coil **)
P_{DD} (kW) Gear units with fan and built-in cooling coil **)
**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 额定功率
Gear Units Nominal Power Ratings

类型 MTH4.. / 规格 7-26
Type MTH4.. / Sizes 7-26

额定功率 P_{2N} (kW) / Nominal power ratings P_{2N} (kW)																								
i_N	n_1	n_2	齿轮箱规格 / Gear unit sizes																					
			7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
100	1800	18	40		67		116		170		288		378		565		791		1055 *		1507 *	
	1500	15	34		56		96		142		240		314		471		659		879		1256	
	1200	12	27		44		77		113		192		251		376		527		703		1006	
	1000	10	22		37		64		94		160		209		314		439		586		837	
112	1800	16.1	36		60		103		152		257	291	337	404	505	581	708	792	944 *	1078 *	1348 *	1517 *
	1500	13.4	30		50		86		127		214	242	280	336	420	484	589	659	785	898	1123	1262
	1200	10.7	24		39		69		101		171	193	224	268	336	386	470	526	627	717	896	1008
	1000	8.9	20		33		57		84		142	161	186	223	279	321	391	438	521	596	745	838
125	1800	14.4	32	41	53	66	92	117	136	170	230	260	301	361	452	520	633	708	844 *	966 *	1206 *	1357 *
	1500	12	27	34	44	55	77	98	113	141	192	217	251	301	376	433	527	590	703	804	1005	1130
	1200	9.6	21	27	35	44	61	78	91	113	153	173	201	241	301	346	422	472	562	643	804	904
	1000	8	18	22	29	37	51	65	75	94	128	144	167	201	251	289	351	393	468	536	670	753
140	1800	12.9	29	36	48	59	83	105	122	152	206	233	270	324	405	466	567	634	756 *	864 *	1080 *	1215 *
	1500	10.7	24	30	39	49	69	87	101	126	171	193	224	268	336	386	470	526	627	717	896	1008
	1200	8.6	19	24	32	39	55	70	81	101	137	155	180	216	270	310	378	423	504	576	720	810
	1000	7.1	16	20	26	32	46	57	67	84	113	128	148	178	223	256	312	349	416	475	594	669
160	1800	11.3	25	32	42	52	72	92	107	133	181	204	236	283	354	408	496	556	662 *	757 *	946 *	1064 *
	1500	9.4	21	26	35	43	60	76	89	111	150	170	196	236	295	339	413	462	551	629	787	885
	1200	7.5	17	21	28	34	48	61	71	88	120	135	157	188	235	270	329	369	439	500	628	706
	1000	6.3	14	17	23	29	40	51	59	74	100	114	131	158	197	227	277	310	369	422	527	593
180	1800	10	22	28	37	46	64	81	94	118	160	181	209	251	314	361	439	492	586 *	670 *	837 *	942 *
	1500	8.3	18	23	31	38	53	67	78	98	132	150	173	208	260	299	365	408	486	556	695	782
	1200	6.7	15	19	25	31	43	54	63	79	107	121	140	168	210	242	294	329	392	449	561	631
	1000	5.6	12	15	20	25	36	45	53	66	89	101	117	140	175	202	246	275	328	375	469	527
200	1800	9	20	25	33	41	58	73	85	106	144	163	188	226	282	325	396	442	527 *	600 *	753 *	846 *
	1500	7.5	17	21	28	34	48	61	71	88	120	135	157	188	235	270	329	369	439	502	626	706
	1200	6	13	17	22	27	38	49	56	70	96	108	125	150	188	216	263	295	351	402	502	565
	1000	5	11	14	18	23	32	40	47	59	80	90	104	125	157	180	219	246	293	336	418	471
224	1800	8	18	22	29	37	51	65	75	94	128	144	167	201	251	289	351	393	468 *	536 *	670 *	753 *
	1500	6.7	15	19	25	31	43	54	63	79	107	121	140	168	210	242	294	329	392	449	561	631
	1200	5.4	12	15	20	24	34	44	51	63	86	97	113	135	169	195	237	265	316	361	452	506
	1000	4.5	10	12	16	20	29	36	42	53	72	81	94	113	141	162	197	221	263	301	376	424
250	1800	7.2	16	20	26	33	46	58	68	85	115	130	150	180	226	260	318	354	420 *	482 *	603 *	678 *
	1500	6	13	17	22	27	38	49	56	70	96	108	125	150	188	216	263	295	351	402	502	565
	1200	4.8	10	13	17	22	30	39	45	56	76	86	100	120	150	173	211	236	281	321	402	452
	1000	4	9	11	14	18	25	32	37	47	64	72	83	100	125	144	175	196	234	268	335	376
280	1800	6.4	14	18	23	29	41	52	60	75	102	115	134	160	201	231	281	314	375 *	428 *	536 *	603 *
	1500	5.4	12	15	20	24	34	44	51	63	86	97	113	135	169	195	237	265	316	361	452	508
	1200	4.3	9.7	12	16	19	27	35	40	50	68	77	90	108	135	155	189	211	252	288	360	405
	1000	3.6	8.1	10	13	16	23	29	34	42	57	65	75	90	113	130	158	177	211	241	301	339
315	1800	5.7	12	16	21	26	36	46	54	67	91	103	119	143	179	205	250	280	334 *	381 *	477 *	537 *
	1500	4.8	10	13	17	22	30	39	45	56	76	86	100	120	150	173	211	236	281	321	402	452
	1200	3.8	8.6	10	14	17	24	31	36	44	60	68	79	95	119	137	167	187	222	254	318	358
	1000	3.2	7.2	9.1	11	14	20	26	30	37	51	57	67	80	100	115	140	157	187	214	268	301
355	1800	5.1	10	14	19	23	32	41	48	60	74	82	102	128	154	184	215	250	299 *	341 *	427 *	480 *
	1500	4.2	8.5	11	15	19	27	34	39	49	61	70	84	105	127	151	180	206	246	281	351	395
	1200	3.4	6.9	9.6	12	15	21	27	32	40	49	61	68	85	103	122	145	167	196	227	284	320
	1000	2.8	5.7	7.9	10	12	18	22	26	33	41	50	56	70	86	101	120	137	164	187	234	263
400	1800	4.5		13		26		36		53		74		105		157		219		301 *		424 *
	1500	3.8		10		17		31		44		62		88		133		185		254		358
	1200	3		8.5		13		24		35		49		70		105		146		201		282
	1000	2.5		7.1		11		20		29		41		58		87		121		167		235
450	1800	4		10		17		32		47												
	1500	3.3		8.7		14		28		39												
	1200	2.7		7.1		12		22		31												
	1000	2.2		5.8		9.8		17		26												

* 请与我们联系

* Gear units only on request

齿轮箱 额定输出扭矩
Gear Units Nominal Output Torques

类型 MTH4.. / 规格 7-26
Type MTH4.. / Sizes 7-26

额定输出扭矩 T_{2N} (kNm) Nominal output torques T_{2N} (kNm)																								
i_N	齿轮箱规格 / Gear unit sizes																							
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.25	2.9		8		15.0		24.7																	
1.4	3.1		8.2		15.9		25.6																	
1.6	3.3		8.6		16.3		27.1		46		67.4													
1.8	3.7		8.8		17.4		28		47.6		70.9													
2	3.8		9.4		17.8		28.7		49.1		72.9		129											
2.24	3.8		9.6		17.8		28.7		50.6		75.2		120											
2.5	3.9		9.6		17.8		28.7		50.6		77		107											
2.8	3.1		9.6		17.1		27.2		50.6		77		120		171									
3.15	3.1		9.6		17.4		28.1		48.1		73.3		124		173									
3.55	3.2		9.6		17.8		28.6		50.2		74.4		126		173									
4	3.2		9.6		17.8		28.7		50.6		75.7		130		173		245							
4.5	2.5		7.7		15.8		24.8		46		61.6		109		146		216							
5	2.4		7.2		13.6		23.5		38.7		58.3		95		124		174							
5.6	2.3		6.9		13.1		20.1		36.5		55.4		80.4		118		150							
6.3		6.3	10.7		20.3		33.7		59.3		86		143		196		292							
7.1		6.5	11.2		20.3		33.7		59.3		86		143	160	196	230	292	335	410					
8		6.7	11.2	13.5	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	196	230	292	335	410	458				
9		6.7	11.2	14.4	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	196	230	292	335	410	458	540			
10		6.3	10.5	14.4	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	196	230	292	335	410	458	540	620		
11.2		6.3	10.6	14.4	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	196	230	292	335	410	458	540	620	780	
12.5		6.7	11.2	13.5	20.2	25.6	33.7	42.2	59.3	73.8	86	107	143	160	196	230	292	335	410	458	540	620	780	880
14		6.7	11.2	13.5	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	196	230	292	335	410	458	540	620	780	880
16		6.7	11.2	14.4	20.3	25.6	33.7	42.2	59.3	73.8	86	107	143	160	196	230	292	335	410	458	540	620	780	880
18		6.3	10.5	14.4	19	25.6	33.7	42.2	59.3	73.8	86	107	143	160	196	230	292	335	410	458	540	620	780	880
20		6.6	11.2	14.4	19	25.6	33.7	42.2	59.3	73.8	86	107	143	160	196	230	292	335	410	458	540	620	780	880
22.4		6.3	10.9	13.5	19.8	24	33.1	42.2	58.3	73.8	86	107	153	160	200	230	300	335	420	458	560	620	800	880
25			11.6	14.3	21.7	24	35.7	42.2	63.5	73.8	86	107	153	172	200	240	300	345	420	470	560	640	800	900
28			11.6	13.9	21.7	25	35.7	41.6	63.5	72.5	86	109	153	172	200	240	300	345	420	470	560	640	800	900
31.5			11.6	15.5	21.7	27.2	35.7	43.6	63.5	77.2	86	109	153	172	200	240	300	345	420	470	560	640	800	900
35.5			11.6	15.5	21.7	27.2	35.7	43.6	63.5	77.2	86	109	153	172	200	240	300	345	420	470	560	640	800	900
40			11.6	15.5	21.7	27.2	35.7	43.6	63.5	77.2	86	109	153	172	200	240	300	345	420	470	560	640	800	900
45			11.6	15.5	21.7	27.2	35.7	43.6	63.5	77.2	86	109	153	172	200	240	300	345	420	470	560	640	800	900
50			11.6	15.5	21.7	27.2	35.7	43.6	63.5	77.2	86	109	153	172	200	240	300	345	420	470	560	640	800	900
56			11.6	15.5	21.7	27.2	35.7	43.6	63.5	77.2	86	109	153	172	200	240	300	345	420	470	560	640	800	900
63			11.6	15.5	21.7	27.2	35.7	43.6	63.5	77.2	86	109	153	172	200	240	300	345	420	470	560	640	800	900
71			11.6	15.5	21.7	27.2	35.7	43.6	63.5	77.2	86	109	153	172	200	240	300	345	420	470	560	640	800	900
80			11.6	15.5	21.7	27.2	35.7	43.6	63.5	77.2	86	109	153	172	200	240	300	345	420	470	560	640	800	900
90			11.6	15.5	20	27.2	34.5	43.6	63.5	77.2	86	109	153	172	200	240	290	345	413	470	560	640	800	900
100				14.5	21.7	27.2	35.7	43.6	61.6	77.2	86.7	109	153	172	200	226	300	335	420	465	560	640	800	900
112				15	21.7	25.2	35.7	42.6	61.6	77.2	86.7	109	153	172	200	240	300	345	420	470	560	640	800	900
125					21.7	27.2	35.7	44.2	61.6	76	86.7	113	153	172	200	240	300	345	420	470	560	640	800	900
140					21.7	27.2	35.7	44.2	61.6	76	86.7	113	153	172	200	240	300	345	420	470	560	640	800	900
160					21.7	27.2	35.7	44.2	61.6	76	86.7	113	153	172	200	240	300	345	420	470	560	640	800	900
180					21.7	27.2	35.7	44.2	61.6	76	86.7	113	153	172	200	240	300	345	420	470	560	640	800	900
200					21.7	27.2	35.7	44.2	61.6	76	86.7	113	153	172	200	240	300	345	420	470	560	640	800	900
224					21.7	27.2	35.7	44.2	61.6	76	86.7	113	153	172	200	240	300	345	420	470	560	640	800	900
250					21.7	27.2	35.7	44.2	61.6	76	86.7	113	153	172	200	240	300	345	420	470	560	640	800	900
280					21.7	27.2	35.7	44.2	61.6	76	86.7	113	153	172	200	240	300	345	420	470	560	640	800	900
315					21.7	27.2	35.7	44.2	61.6	76	86.7	113	153	172	200	240	300	345	420	470	560	640	800	900
355					19.6	27.2	35.7	44.2	61.6	76	86.7	113	140	172	192	240	290	345	413	470	560	640	800	900
400						27.2		44.2		76		113		159		223		335		465		640		900
450						25.0		42.8		76		113												

齿轮箱 热容量 / n_1=1000 min^{-1} 类型 MTH4.. / 规格 7-26

Gear Units Thermal Capacities / n_1=1000 min^{-1} Type MTH4.. / Sizes 7-26

热容量 P_G (kW) / Thermal capacities P_G (kW)

i_N		齿轮箱规格 / Gear unit sizes																			
		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
100	P_{GA}	43.0		60.8		90.1		120		161		160		253		346		*		*	
112	P_{GA}	42		58.2		89.4		117		154	166	173	185	243	260	340	360	*	*	*	*
125	P_{GA}	40.8	46.8	56.4	61.1	85.8	99.7	114	128	149	160	167	177	235	249	330	344	*	*	*	*
140	P_{GA}	38.7	44.9	54.6	58.5	83	96.9	110	125	144	153	161	171	227	241	313	334	*	*	*	*
160	P_{GA}	37.2	43.6	51.8	56.7	79	95.3	104	121	136	148	154	165	219	232	301	317	*	*	*	*
180	P_{GA}	35.8	41.4	49.4	54.9	76.2	91.8	100	118	130	142	151	158	208	224	297	304	*	*	*	*
200	P_{GA}	34.4	39.9	47.8	51.8	72	87.6	98.2	111	132	139	146	156	201	214	280	300	*	*	*	*
224	P_{GA}	32.4	38.2	45.9	49.6	69	84.4	93.7	107	123	136	136	151	193	206	268	283	*	*	*	*
250	P_{GA}	31	37	43.8	48.2	65.6	79.7	89.1	104	117	126	130	141	183	198	253	270	*	*	*	*
280	P_{GA}	30.1	34.7	42.5	46.2	63.1	76.7	86.3	99.1	113	120	126	130	176	188	243	255	*	*	*	*
315	P_{GA}	29.4	33.3	40.5	44.1	61.6	72.7	82.8	95.5	108	116	121	130	172	181	233	245	*	*	*	*
355	P_{GA}	28.1	32.3	39.8	42.8	58.6	69.9	78.9	91.9	105	111	118	124	164	177	222	236	*	*	*	*
400	P_{GA}		31.6		40.8		68.3		88.3		109		121		168		225		*		*
450	P_{GA}		30.1		40.1		64.9		84.2												

热容量 / n_1=1200 min^{-1} 类型 MTH4.. / 规格 7-26

Thermal Capacities / n_1=1200 min^{-1} Type MTH4.. / Sizes 7-26

热容量 P_G (kW) / Thermal capacities P_G (kW)

i_N		齿轮箱规格 / Gear unit sizes																			
		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
100	P_{GA}	45.4		63.1		92.4		121		160		178		246		329		*		*	
112	P_{GA}	43.9		60.6		92.4		120		156	167	173	185	241	257	329	335	*	*	*	*
125	P_{GA}	42.7	49	58.8	63.7	89	103	117	132	152	162	169	179	237	250	325	336	*	*	*	*
140	P_{GA}	40.8	47.1	57.1	61.1	86.5	102	114	129	148	158	164	175	231	245	314	332	*	*	*	*
160	P_{GA}	39.1	45.7	54.1	59.4	82.5	99.4	108	126	143	153	159	170	224	238	305	319	*	*	*	*
180	P_{GA}	37.7	43.6	52	57.7	80	96.2	105	123	142	148	157	165	216	232	306	313	*	*	*	*
200	P_{GA}	36.3	42	50.3	54.5	75.7	92.1	103	117	139	146	153	163	211	224	292	313	*	*	*	*
224	P_{GA}	34.2	40.3	48.4	52.4	72.6	89	98.8	113	130	144	144	159	204	217	283	299	*	*	*	*
250	P_{GA}	32.7	39	46.2	50.8	69.2	84	94	110	123	133	137	148	193	209	267	285	*	*	*	*
280	P_{GA}	31.7	36.6	44.9	48.7	66.6	80.9	91.1	104	120	126	133	141	186	198	257	269	*	*	*	*
315	P_{GA}	31.1	35.1	42.8	46.5	64.9	76.7	87.3	100	114	122	127	137	182	191	246	259	*	*	*	*
355	P_{GA}	29.6	34	42	45.2	61.9	73.8	83.3	96.9	112	116	124	131	173	187	235	249	*	*	*	*
400	P_{GA}		33.4		43.1		72		93.2		115		128		177		238		*		*
450	P_{GA}		31.7		42.3		68.5		88.8												

* 请与我们联系
P_{GA} (kW) 齿轮箱不带辅助冷却装置**)

**) 表中数值按:
每小时工作运转 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us
P_{GA} (kW) Gear units without auxiliary cooling **)

**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1500 min^{-1} 类型 MTH4.. / 规格 7-26

Gear Units Thermal Capacities / n_1=1500 min^{-1} Type MTH4.. / Sizes 7-26

热容量 P_G (kW) / Thermal capacities P_G (kW)

i_N		齿轮箱规格 / Gear unit sizes																			
		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
100	P_{GA}	46.7		67.6		99.1		130		172		190		264		348		*		*	
112	P_{GA}	47.1		65.1		99.1		129		167	179	186	198	259	276	352	358	*	*	*	*
125	P_{GA}	45.8	52.5	63.1	68.3	95.5	110	126	143	163	174	181	192	254	269	348	359	*	*	*	*
140	P_{GA}	43.5	50.5	61.5	65.6	92.8	110	123	139	156	169	176	188	248	263	336	356	*	*	*	*
160	P_{GA}	41.9	49.1	58	63.7	88.5	106	116	135	153	164	171	182	240	255	327	342	*	*	*	*
180	P_{GA}	40.4	46.7	56.8	61.9	85.8	103	113	132	152	159	169	177	232	249	329	335	*	*	*	*
200	P_{GA}	38.9	45.1	54	58.5	81.3	98.9	110	126	149	157	164	175	226	240	314	335	*	*	*	*
224	P_{GA}	36.7	43.2	52	56.2	78.1	95.5	106	121	140	154	154	170	219	233	303	321	*	*	*	*
250	P_{GA}	35.1	41.9	49.6	54.5	74.2	90.2	100	116	132	143	147	159	208	224	287	305	*	*	*	*
280	P_{GA}	34	39.3	46.2	52.3	71.4	86.8	97.7	112	128	136	143	151	189	213	276	289	*	*	*	*
315	P_{GA}	33.3	37.8	45.9	49.9	69.7	82.2	93.7	108	122	z1cz3	1136	147	185	204	264	278	*	*	*	*
355	P_{GA}	31.8	36.5	45.1	48.5	66.3	79.2	89.4	104	120	126	133	141	186	200	252	267	*	*	*	*
400	P_{GA}		35.8		46.2		77.3		100		123		138		190		255		*		*
450	P_{GA}		34		45.4		73.5		95.3												

热容量 / n_1=1800 min^{-1} 类型 MTH4.. / 规格 7-26

Thermal Capacities / n_1=1800 min^{-1} Type MTH4.. / Sizes 7-26

热容量 P_G (kW) / Thermal capacities P_G (kW)

i_N		齿轮箱规格 / Gear unit sizes																			
		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
100	P_{GA}	51.1		70.7		102		134		174		191		263		335		*		*	
112	P_{GA}	49.5		68.2		103		133		171	183	189	201	262	279	349	351	*	*	*	*
125	P_{GA}	48.1	55.2	66.3	71.7	99.8	115	131	147	168	179	186	197	259	273	350	358	*	*	*	*
140	P_{GA}	45.9	53.2	64.5	69	97.3	115	128	145	165	175	183	194	255	271	343	361	*	*	*	*
160	P_{GA}	44.2	51.7	61.1	67.1	93	111	122	142	160	171	178	190	249	265	336	350	*	*	*	*
180	P_{GA}	42.7	49.4	58.9	65.3	90.4	108	119	139	160	167	177	185	243	261	342	348	*	*	*	*
200	P_{GA}	41.2	47.7	57.1	61.9	85.8	104	116	133	157	165	173	184	238	253	329	352	*	*	*	*
224	P_{GA}	38.9	45.7	55	59.5	82.7	101	112	128	148	163	163	180	232	247	321	340	*	*	*	*
250	P_{GA}	37.1	44.3	52.5	57.7	78.5	96.4	106	125	140	151	155	168	220	237	304	323	*	*	*	*
280	P_{GA}	36	41.6	51	55.3	75.6	91.8	103	118	136	143	151	160	211	225	292	306	*	*	*	*
315	P_{GA}	35.3	39.8	48.6	52.8	73.7	87	99.1	114	129	139	144	155	207	216	280	294	*	*	*	*
355	P_{GA}	33.6	38.6	47.7	51.3	70.1	83.8	94.6	110	127	134	141	149	197	212	267	283	*	*	*	*
400	P_{GA}		37.9		48.9		81.8		105		130		146		201		270		*		*
450	P_{GA}		36		48		77.8		100												

* 请与我们联系
P_{GA} (kW) 齿轮箱不带辅助冷却装置**)

**) 表中数值按:
每小时工作运转 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us
P_{GA} (kW) Gear units without auxiliary cooling **)

**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 额定功率 类型 MTB2.. / 规格 4-26

Gear Units Nominal Power Ratings Type MTB2.. / Sizes 4-26

额定功率 P_{2N} (kW) / Nominal power ratings P_{2N} (kW)

i_N	n_1	n_2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
			齿轮箱规格 / Gear unit sizes																						
5	1800	360	229	354		716		1127		1734*		2585*		4508*											
	1500	300	191	295		596		939		1445		2154		3832*											
	1200	240	153	236		477		751		1156		1723		3065*											
	1000	200	127	196		397		626		963		1436		2554											
5.6	1800	321	208	315		638		1005		1615*		2330*		4100*	4537*										
	1500	268	173	263		533		839		1348		1950		3423*	3788*										
	1200	214	138	210		425		670		1077		1558		2733*	3025*	4369*									
	1000	179	116	176		356		560		901		1304		2286	2530	3654*									
6.3	1800	286	185	281	363	589	712	895	1138	1503*	1763*	2213*	2561*	3803*	4032*										
	1500	238	154	234	299	473	593	745	947	1251	1468	1839	2123	3239*	3513*	4809*									
	1200	190	123	187	238	378	473	594	756	998	1169	1468	1655	2586*	2805*	3879*									
	1000	159	103	156	199	316	396	497	632	835	978	1228	1418	2164	2347	3246*									
7.1	1800	254	164	250	319	506	633	795	1010	1333*	1619*	2016*	2321*	3615*	3858*										
	1500	211	136	207	265	419	525	660	839	1107	1345	1676	1928	2918*	3202*	4328*									
	1200	169	109	166	212	336	421	529	672	927	1077	1343	1544	2336*	2565*	3450*	4076*								
	1000	141	91	138	177	280	351	441	561	773	899	1120	1288	1948	2140	2879	3398*								
8	1800	225	146	221	282	447	560	704	895	1272*	1489*	1884*	2135*	3109*	3486*	4594*									
	1500	188	122	185	236	374	468	588	748	1063	1242	1574	1801	2598	2913*	3838*	4527*								
	1200	150	97	147	188	298	373	469	598	848	991	1256	1437	2073	2324*	3062*	3612*								
	1000	125	81	123	157	248	311	391	497	706	825	1047	1197	1727	1937	2552	3010								
9	1800	200	129	196	251	397	498	625	795	1130*	1363*	1698*	1981*	2764*	3089*	4083*	4816*								
	1500	167	108	164	209	332	416	522	664	944	1140	1418	1654	2308	2588	3409*	4021*								
	1200	133	86	130	167	264	331	416	529	752	908	1129	1317	1838	2061	2715*	3200*								
	1000	111	72	109	139	220	276	347	441	627	757	942	1099	1534	1720	2266	2673								
10	1800	180	116	177	226	358	448	563	716	1017*	1249*	1529*	1862*	2487*	2782*	3675*	4336*								
	1500	150	97	147	188	298	373	469	598	848	1041	1275	1551	2073	2324	3062*	3612*								
	1200	120	77	118	150	238	299	375	477	678	833	1019	1241	1658	1859	2450*	2890*								
	1000	100	64	98	125	198	249	313	397	565	694	849	1034	1382	1549	2041	2408								
11.2	1800	161	104	158	202	320	401	504	640	910*	1117*	1367*	1709*	2225*	2495*	3287*	3877*								
	1500	134	86	131	168	266	333	419	533	757	930	1137	1422	1852	2076	2736*	3227*								
	1200	107	69	105	134	212	266	335	425	605	742	908	1136	1478	1658	2184*	2578*								
	1000	89	57	87	111	177	221	278	354	503	617	755	944	1230	1379	1817	2143								
12.5	1800	144			180		358		572		909*		1528*		2231*		3468*								
	1500	120			150		299		477		833		1274		1859		2890*								
	1200	96			120		239		381		666		1019		1487		2312*								
	1000	80			100		199		318		555		849		1239		1926								
14	1800	129			162		321		513		895*		1369*												
	1500	107			134		268		428		742		1136												
	1200	86			108		214		342		597		913												
	1000	71			89		178		282		492		753												

卧式安装齿轮箱应采用强制润滑 / * 请与我公司联系 / Forced lubrication required on horizontal gear units / * Gear units only on request

齿轮箱 额定输出扭矩 类型 MTB2.. / 规格 4-26

Gear Units Nominal Output Torques Type MTB2.. / Sizes 4-26

额定输出扭矩 T_{2N} (kNm) Nominal output torques T_{2N} (kNm)

i_N	4	5	6	7	8	9	10	11	13	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	齿轮箱规格 / Gear unit sizes																						
5	6.1	9.4		19		29.9		46		68.6		122											
5.6	6.2	9.4		19		29.9		48.1		69.6		122	135	195									
6.3	6.2	9.4	12	19	23.8	29.9	38	50.2	58.8	73.8	85.2	130	141	195									
7.1	6.2	9.4	12	19	23.8	29.9	38	52.4	60.9	75.9	87.3	132	145	195	230								
8	6.2	9.4	12	19	23.8	29.9	38	54	63.1	80	91.5	132	148	195	230								
9	6.2	9.4	12	19	23.8	29.9	38	54	65.0	81.1	94.6	132	148	195	230								
10	6.2	9.4	12	19	23.8	29.9	38	54	66.3	81.1	98.6	132	148	195	230								
11.2	6.2	9.4	12	19	23.8	29.9	38	54	66.3	81.1	101	132	148	195	230								
12.5	5.8	9.4	12	17	23.8	29	38	50.4	66.0	75.5	101	132	148	195	230	310		340					
14	5	9.8	12	16.2	23.8	29.5	38	56.7	66.3	81.0	101	137	148	195	230	262	295	300	405				
16	6.6	10.5	12	18.4	21.5	31	35.6	55.9	66.3	83.5	99.4	142	154	200	230	275	328	380	422				
18	6.7	11.3	13.3	21.1	23.1	33.9	37.3	60	69.5	80.7	102	146	168	200	248	295	320	400	436				
20	6.7	11.6	13.2	21.7	26	35.7	39.3	63.5	73.7	90.7	105	153	167	200	240	300	330	420	455	560		800	
22.4	6.7	11.6	14.2	21.7	26.5	35.7	41.8	63.5	75.6	90.7	108	153	173	200	240	300	345	420	470	560	640	800	900
25	6.7	11.6	15.3	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
28	6.7	11.6	15.3	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
31.5	6.7	11.6	15.3	21.7	27.2	35.7	43.8	[illegible]	[illegible]	90.7	[illegible]	[illegible]	173	[illegible]	[illegible]	300	345	420	470	560	640	800	900
35.5	6.7	11.6	15.3	21.7	27.2	35.7	43.8	[illegible]	[illegible]	90.7	[illegible]	[illegible]	173	[illegible]	[illegible]	300	345	420	470	560	640	800	900
40	6.7	11.6	15.3	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
45	6.7	11.6	15.3	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
50	6.7	11.6	15.3	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
56	6.7	11.6	15.3	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
63	6.6	11.4	15.5	21.4	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
71	6.6	11	15.5	20	27.2	34	43.8	60	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
80		11.6	14	21.7	26.8	35.7	43.8	61.6	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
90		11.6	14	21.7	25.2	35.7	42	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
100		11.6	15.3	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
112		11.6	15.3	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
125		11.6	15.3	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
140		11.6	15.3	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
160		11.6	15.3	21.7	27.2	35.7	44.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	345	420	470	560	640	800	900
180		11.6	15.3	21.7	27.2	35.7	44.2	[illegible]	[illegible]	90.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	345	420	470	560	640	800	900
200		11.6	15.3	21.7	27.2	35.7	44.2	[illegible]	[illegible]	90.7	[illegible]	[illegible]	[illegible]	200	[illegible]	300	345	420	470	560	640	800	900
224		11.6	15.3	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
250		11.6	15.3	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
280		11.6	15.3	21.7	27.2	35.3	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
315		11.2	15.3	20.5	27.2	34	44.2	60	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
355			15.3		26.6		43.2		75		113		173		240		345		470		640		900
400			14.5		25.5		42		75		113												

MTB3

MTB4

齿轮箱 热容量 / n_1=1000 min^{-1}
类型 MTB2.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1000 min^{-1}
Type MTB2.. / Sizes 4-26

i_N		热容量 P_G (kW) / Thermal capacities P_G (kW) 齿轮箱规格 / Gear unit sizes																							
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
5	P_{GA}	48.3	58.6		77.4		87.1		*		*		*											
	P_{GB}	113	155		246		297		487		684		788											
	P_{GC}	137	206		319		398		677		1344		1621											
	P_{GD}	194	291		458		578		984		1936		2393											
5.6	P_{GA}	47.7	69.8		78.3		98.2		120		*		*		*									
	P_{GB}	109	153		232		282		481		686		804		959									
	P_{GC}	132	199		293		367		643		1289		1763		2955									
	P_{GD}	187	282		432		530		943		1789		2333		2889									
6.3	P_{GA}	47	58.7	68.3	75.8	88.9	89.4	98.3	122	142	*	*	*	*	*									
	P_{GB}	105	145	170	215	261	265	300	441	596	637	771	779	838	950									
	P_{GC}	126	185	204	266	366	333	460	566	676	1132	1415	1627	1762	1909									
	P_{GD}	179	263	309	393	548	480	643	834	1340	1574	1954	2168	2366	2530									
7.1	P_{GA}	45	57.2	69	74.3	88.9	89.1	98.3	132	158	151	176	*	*	*	*								
	P_{GB}	99	137	166	203	246	250	284	436	546	637	768	756	815	838	897								
	P_{GC}	118	171	237	244	357	306	422	540	931	1097	1352	1508	1640	1767	1910								
	P_{GD}	184	243	349	362	526	451	594	806	1278	1541	1856	2028	2204	2386	2556								
8	P_{GA}	42.8	54.8	67.2	72.1	86.1	87.4	97.7	129	155	154	181	*	*	*	*								
	P_{GB}	92.9	128	157	192	229	237	267	400	498	588	705	705	784	793	874								
	P_{GC}	137	157	237	226	323	283	383	482	817	978	1186	1356	1531	1621	1793								
	P_{GD}	152	225	324	336	459	410	541	719	1129	1375	1663	1830	2059	2174	2402								
9	P_{GA}	41	52.7	64.5	70.2	82.7	85.8	95.3	129	162	159	193	189	178	*	*								
	P_{GB}	87.8	121	148	182	215	226	251	383	490	565	689	684	730	774	823								
	P_{GC}	98.8	144	218	213	297	267	352	454	791	914	1152	1363	1368	1542	1624								
	P_{GD}	141	206	299	316	424	366	500	679	1094	1296	1626	1741	1853	2079	2188								
10	P_{GA}	34.6	46.9	61.1	66.4	79.2	81.8	91.7	125	153	157	188	172	182	178	*								
	P_{GB}	72.8	111	138	169	202	212	237	369	447	535	642	643	704	737	799								
	P_{GC}	78.9	129	200	192	274	244	325	417	700	846	1018	1179	1296	1431	1546								
	P_{GD}	112	185	278	288	392	363	462	626	972	1200	1444	1596	1760	1935	2085								
11.2	P_{GA}	33.5	44.4	58.4	59.8	76.1	74.5	89	114	150	145	185	162	181	169	187								
	P_{GB}	70.3	99.5	131	150	192	187	226	318	426	476	613	581	662	659	760								
	P_{GC}	75.4	113	180	168	257	212	307	381	659	734	952	1030	1182	1267	1439								
	P_{GD}	107	162	252	252	368	316	438	543	918	1046	1356	1411	1616	1720	1940								
12.5	P_{GA}			54.5		72.2		85.1		145		183		175		186								
	P_{GB}			119		179		212		400		579		596		691								
	P_{GC}			163		234		280		604		862		1039		1276								
	P_{GD}			225		337		401		845		1256		1430		1730								
14	P_{GA}			49		65.2		77		131		168												
	P_{GB}			108		159		189		353		514												
	P_{GC}			142		205		243		522		763												
	P_{GD}			196		293		348		730		1092												

+ 请与我们联系
P_{GA} (kW) 齿轮箱不带辅助冷却装置**)
P_{GB} (kW) 齿轮箱带冷却风扇**)
P_{GC} (kW) 齿轮箱带内置冷却盘管**)
P_{GD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)
**) 表中数值按:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

+ Consult us
P_{GA} (kW) Gear units without auxiliary cooling **)
P_{GB} (kW) Gear units with fan **)
P_{GC} (kW) Gear units with built-in cooling coil **)
P_{GD} (kW) Gear units with fan and built-in cooling coil **)
**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1200 min^{-1}
类型 MTB2.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1200 min^{-1}
Type MTB2.. / Sizes 4-26

i_N		热容量 P_G (kW) / Thermal capacities P_G (kW) 齿轮箱规格 / Gear unit sizes																							
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
5	P_{GA}	47.2	53.4		66		*		*		*		*											
	P_{GB}	132	178		278		325		500		845		840											
	P_{GC}	153	228		353		441		744		1467		1968											
	P_{GD}	226	338		538		657		1085		1953		2390											
5.6	P_{GA}	47.6	66.5		70.8		75.8		*		*		*		*									
	P_{GB}	129	177		265		315		512		889		724		719									
	P_{GC}	147	222		326		406		709		1414		1916		2224									
	P_{GD}	221	330		501		614		1058		1950		2434		2729									
6.3	P_{GA}	47.3	56.6	65.1	70.5	81.4	78.6	83.8	*	*	*	*	*	*	*									
	P_{GB}	125	169	197	249	298	301	337	480	591	657	789	740	778	762									
	P_{GC}	141	206	283	295	431	373	516	625	1076	1245	1561	1778	1944	2076									
	P_{GD}	212	306	419	456	636	566	740	944	1508	1740	2150	2311	2486	2633									
7.1	P_{GA}	45.8	56.4	67.5	71.4	83.8	82.4	88.8	108	*	*	*	*	*	*	*								
	P_{GB}	117	161	194	237	285	288	325	480	598	683	817	762	809	811	849								
	P_{GC}	129	190	266	272	397	340	468	604	1029	1211	1481	1655	1800	1934	2096								
	P_{GD}	194	289	412	424	599	523	689	923	1491	1733	2124	2218	2384	2563	2723								
8	P_{GA}	43.9	54.8	66.7	70.6	83	83	91.2	112	127	*	*	*	*	*	*								
	P_{GB}	110	151	185	225	267	274	308	451	555	643	767	735	807	800	868								
	P_{GC}	119	175	264	252	359	315	426	535	904	1081	1300	1483	1680	1786	1965								
	P_{GD}	181	265	382	395	539	490	631	830	1293	1662	1884	2032	2273	2378	2608								
9	P_{GA}	42.3	53.2	64.8	69.7	81.1	83.2	91.1	116	140	136	*	*	*	*	*								
	P_{GB}	105	144	176	214	253	264	292	437	554	630	775	732	773	807	847								
	P_{GC}	110	161	243	236	331	297	392	505	877	1013	1275	1415	1608	1697	1786								
	P_{GD}	167	244	353	373	498	463	586	788	1261	1484	1857	1966	2073	2308	2414								
10	P_{GA}	35.9	50.1	61.8	66.5	78.5	80.3	88.9	115	137	134	157	*	*	*	*								
	P_{GB}	87.1	132	164	199	238	249	277	413	508	601	719	698	759	783	839								
	P_{GC}	88.1	144	224	214	305	272	362	463	777	938	1129	1293	1431	1577	1703								
	P_{GD}	134	219	326	340	462	426	542	729	1126	1381	1658	1806	1984	2167	2322								
11.2	P_{GA}	34.8	46.3	59.3	60.2	75.9	73.6	87	106	136	127	160	*	*	*	*								
	P_{GB}	84.3	118	155	177	227	220	255	367	488	539	691	637	720	720	809								
	P_{GC}	84.2	126	204	187	286	236	341	401	733	814	1056	1139	1306	1396	1587								
	P_{GD}	128	192	296	298	434	373	514	633	1066	1208	1583	1695	1831	1938	2175								
12.5	P_{GA}			55.7		72.7		84.9		135		164		*		*								
	P_{GB}			142		212		256		452		659		861		750								
	P_{GC}			182		261		312		572		879		1150		1409								
	P_{GD}			267		398		472		865		1454		1632		1957								
14	P_{GA}			50.3		66.1		76.9		125		154												
	P_{GB}			127		189		223		409		589												
	P_{GC}			159		228		271		580		846												
	P_{GD}			232		347		411		856		1270												

+ 请与我们联系
P_{GA} (kW) 齿轮箱不带辅助冷却装置**)
P_{GB} (kW) 齿轮箱带冷却风扇**)
P_{GC} (kW) 齿轮箱带内置冷却盘管**)
P_{GD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)
**) 表中数值按:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

+ Consult us
P_{GA} (kW) Gear units without auxiliary cooling **)
P_{GB} (kW) Gear units with fan **)
P_{GC} (kW) Gear units with built-in cooling coil **)
P_{GD} (kW) Gear units with fan and built-in cooling coil **)
**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 热容量 / n_1=1500 min^{-1}
类型 MTB2.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1500 min^{-1}
Type MTB2.. / Sizes 4-26

		热容量 P_G (kW) / Thermal capacities P_G (kW)																						
i_N		齿轮箱规格 / Gear unit sizes																						
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
5	P_{GA}	35.3	*		*		*		*		*		*											
	P_{GB}	139	184		280		328		478		574		486											
	P_{GC}	159	228		368		459		774		1524		2040											
	P_{GD}	249	366		581		705		1144		2619		2386											
5.6	P_{GA}	38.6	*		*		*		*		*		*		*									
	P_{GB}	135	183		274		322		504		646		618		565									
	P_{GC}	154	231		340		424		738		1470		1992		2307									
	P_{GD}	241	369		543		662		1126		2544		2480		2739									
6.3	P_{GA}	40	*	*	*	*	*	*	*	*	*	*	*	*	*									
	P_{GB}	132	178	206	259	308	310	345	479	581	630	753	664	684	646									
	P_{GC}	147	215	300	368	449	386	531	851	1120	1295	1613	1847	2019	2155									
	P_{GD}	231	336	466	497	696	612	799	1010	1596	1839	2357	2393	2574	2589									
7.1	P_{GA}	40.6	44	50.6	*	*	*	*	*	*	*	*	*	*	*	*								
	P_{GB}	125	169	204	248	296	299	336	469	601	676	804	720	754	740	780								
	P_{GC}	135	199	296	354	414	354	468	629	1072	1201	1552	1722	1675	2031	2177								
	P_{GD}	213	313	447	462	642	579	747	996	1556	1848	2291	2331	2595	2666	2917								
8	P_{GA}	38.9	45.1	53.4	53	*	*	*	*	*	*	*	*	*	*	*								
	P_{GB}	117	160	186	236	280	287	321	453	564	646	708	713	775	756	808								
	P_{GC}	124	182	276	260	375	328	444	557	942	1126	1364	1553	1751	1851	2043								
	P_{GD}	196	290	417	430	586	533	696	896	1392	1674	2016	2152	2400	2499	2729								
9	P_{GA}	39.3	45.7	54.4	55.8	61.6	59.6	*	*	*	*	*	*	*	*	*								
	P_{GB}	111	153	186	226	268	277	306	452	568	640	785	724	759	782	812								
	P_{GC}	116	168	253	246	346	310	409	526	815	1055	1329	1474	1570	1798	1958								
	P_{GD}	183	267	386	407	543	507	637	853	1303	1598	1956	2065	2204	2444	2649								
10	P_{GA}	33.7	44	53.3	55.1	62.3	60.8	63.9	*	*	*	*	*	*	*	*								
	P_{GB}	92.8	140	174	211	251	261	291	429	525	618	734	698	753	770	818								
	P_{GC}	91.8	150	233	224	318	284	377	483	810	978	1176	1347	1480	1642	1772								
	P_{GD}	147	240	356	372	505	468	591	791	1218	1490	1787	1933	2118	2306	2464								
11.2	P_{GA}	33	40.4	52.1	51	61.9	57.7	65.2	*	*	*	*	*	*	*	*								
	P_{GB}	88.8	125	165	188	240	232	279	382	506	555	709	641	721	714	797								
	P_{GC}	87.9	131	213	195	298	248	356	418	764	949	1101	1186	1360	1457	1552								
	P_{GD}	140	210	327	326	474	406	561	688	1156	1306	1668	1732	1960	2068	2215								
12.5	P_{GA}			50.1		61.7		66.9		*		*		*		*								
	P_{GB}			151		224		264		481		681		669		749								
	P_{GC}			189		272		326		701		1021		1198		1468								
	P_{GD}			292		435		515		1079		1574		1754		2093								
14	P_{GA}			46		57.4		63.1		*		*												
	P_{GB}			135		200		236		428		611												
	P_{GC}			160		238		283		605		894												
	P_{GD}			258		380		449		931		1377												

* 请与我们联系

P_{GA} (kW) 齿轮箱不带辅助冷却装置**)

P_{GB} (kW) 齿轮箱带冷却风扇**)

P_{GC} (kW) 齿轮箱带内置冷却盘管**)

P_{GD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)

**) 表中数值按:

每小时工作运转 100%

在室内大空间安装

海拔高度至 1000 m

* Consult us

P_{GA} (kW) Gear units without auxiliary cooling **)

P_{GB} (kW) Gear units with fan **)

P_{GC} (kW) Gear units with built-in cooling coil **)

P_{GD} (kW) Gear units with fan and built-in cooling coil **)

**) Values refer to:

Operating cycle: 100%

Installation in a large hall

Altitude up to 1000 m

齿轮箱 热容量 / n_1=1800 min^{-1}
类型 MTB2.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1800 min^{-1}
Type MTB2.. / Sizes 4-26

		热容量 P_G (kW) / Thermal capacities P_G (kW)																						
i_N		齿轮箱规格 / Gear unit sizes																						
		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
5	P_{GA}	*	*		*		*		*		*		*											
	P_{GB}	149	190		283		313		392		350		*											
	P_{GC}	170	250		383		470		765		1446		1614											
	P_{GD}	276	401		630		753		1174		1906		2104											
5.6	P_{GA}	*	*		*		*		*		*		*		*									
	P_{GB}	147	194		282		321		453		493		*		*									
	P_{GC}	194	294		396		439		744		1436		1651		2073									
	P_{GD}	288	395		583		716		1182		2068		2356		2464									
6.3	P_{GA}	31	*	*	*	*	*	*	*	*	*	*	*	*	*									
	P_{GB}	144	189	218	270	318	315	346	450	519	528	612	419	*	*									
	P_{GC}	157	226	324	324	471	402	551	953	1127	1285	1592	1758	1902	1987									
	P_{GD}	258	371	504	546	754	666	865	1073	1573	1894	2322	2342	2482	2533									
7.1	P_{GA}	34	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
	P_{GB}	136	182	219	263	313	311	346	465	572	616	721	563	560	503	473								
	P_{GC}	145	213	317	301	437	372	512	850	1097	1275	1564	1587	1623	1661	2076								
	P_{GD}	238	347	465	511	707	625	817	1073	1559	1948	2371	2387	2519	2639	2751								
8	P_{GA}	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
	P_{GB}	129	173	211	253	298	302	336	467	556	616	723	609	641	592	600								
	P_{GC}	133	195	264	279	397	347	468	580	873	1152	1391	1549	1734	1815	1986								
	P_{GD}	222	323	464	477	649	588	754	973	1508	1788	2143	2230	2467	2539	2743								
9	P_{GA}	35	36	*	*	*	*	*	*	*	*	*	*	*	*	*								
	P_{GB}	123	166	202	244	285	295	324	465	574	630	768	658	674	669	671								
	P_{GC}	123	180	271	263	368	329	433	551	852	1090	1360	1489	1578	1781	1939								
	P_{GD}	206	298	430	453	603	561	703	933	1486	1721	2144	2195	2306	2530	2618								
10	P_{GA}	31	36	43	*	*	*	*	*	*	*	*	*	*	*	*								
	P_{GB}	102	154	180	229	271	280	310	447	537	617	729	655	694	658	712								
	P_{GC}	99	161	250	239	339	302	400	508	847	1015	1210	1373	1511	1653	1773								
	P_{GD}	164	268	398	414	561	516	654	868	1329	1614	1932	2032	2237	2416	2564								
11.2	P_{GA}	30	34	43	40	*	*	*	*	*	*	*	*	*	*	*								
	P_{GB}	99	137	180	204	259	250	299	401	522	562	713	614	679	656	715								
	P_{GC}	94	141	229	209	319	262	379	441	801	885	1146	1215	1387	1470	1664								
	P_{GD}	157	235	365	363	526	451	622	757	1266	1420	1831	1839	2093	2183	2428								
12.5	P_{GA}			43		48		*		*		*		*		*								
	P_{GB}			160		244		284		503		697		699		781								
	P_{GC}			253		291		347		736		1068		1233		1494								
	P_{GD}			327		489		573		1178		1718		1852		2221								
14	P_{GA}			40		47		*		*		*												
	P_{GB}			149		218		255		451		633												
	P_{GC}			178		255		302		640		929												
	P_{GD}			285		424		500		1027		1509												

* 请与我们联系

P_{GA} (kW) 齿轮箱不带辅助冷却装置**)

P_{GB} (kW) 齿轮箱带冷却风扇**)

P_{GC} (kW) 齿轮箱带内置冷却盘管**)

P_{GD} (kW) 齿轮箱带冷却风扇和内置冷却盘管**)

**) 表中数值按:

每小时工作运转 100%

在室内大空间安装

海拔高度至 1000 m

* Consult us

P_{GA} (kW) Gear units without auxiliary cooling **)

P_{GB} (kW) Gear units with fan **)

P_{GC} (kW) Gear units with built-in cooling coil **)

P_{GD} (kW) Gear units with fan and built-in cooling coil **)

**) Values refer to:

Operating cycle: 100%

Installation in a large hall

Altitude up to 1000 m

齿轮箱 额定功率 类型 MTB3.. / 规格 4-26

Gear Units Nominal Power Ratings Type MTB3.. / Sizes 4-26

额定功率 P_{2N} (kW) / Nominal power ratings P_{2N} (kW)

i_N	n_1	n_2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
12.5	1800	144	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	120	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	96	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	1800	129	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	107	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	1800	113	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	94	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	1800	100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	1800	90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22.4	1800	80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	54	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	1800	72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	1800	64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	54	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31.5	1800	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35.5	1800	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	1800	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
45	1800	40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50	1800	36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
56	1800	32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	17.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63	1800	29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	15.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	1800	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	16.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	14.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
80	1800	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	18.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	12.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
90	1800	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1500	16.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1200	13.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1000	11.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

▭ 卧式安装齿轮箱应采用强制润滑 Forced lubrication required on horizontal gear units

* 请与我们联系 Gear units only on request

齿轮箱 额定输出扭矩 类型 MTB3.. / 规格 4-26

Gear Units Nominal Output Torques Type MTB3.. / Sizes 4-26

额定输出扭矩 T_{2N} (kNm) Nominal output torques T_{2N} (kNm)

MTB2

i_N	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
5	6.1	9.4		19		29.9		46		69.3		122											
5.6	6.2	9.4		19		29.9		48.1		69.6		122	135	195									
6.3	6.2	9.4	12	19	23.8	29.9	38	50.5	66.6	75.8	85.2	130	141	195									
7.1	6.2	9.4	12	19	23.8	29.9	38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
8	6.2	9.4	12	19	23.8	29.9	38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
9	6.2	9.4	12	19	23.8	29.9	38	[illegible]	[illegible]	81.1	[illegible]	[illegible]	[illegible]	[illegible]									
10	6.2	9.4	12	19	23.8	29.9	38	54	66.3	81.1	98.6	132	148	195	230								
11.2	6.2	9.4	12	19	23.8	29.9	38	54	66.3	81.1	101	132	148	195	230								
12.5	5.8	9.4	12	17	23.8	29	38	52.4	66.3	79.5	101	132	148	195	230	250		340					
14	5	9.8	12	18.2	23.8	29.5	38	56.7	66.3	81.8	101	137	148	195	230	262	295	360	406				
16	6.6	10.5	12	19.6	21.5	31	35.6	59.9	66.3	83.8	99.4	142	154	200	230	275	308	360	422				
18	6.7	11.3	12.6	21.1	23.1	33.9	37.3	62	69.5	86.7	102	148	160	200	240	288	320	400	438				
20	6.7	11.6	13.2	21.7	25	35.7	39.3	63.5	72.7	90.7	106	153	167	200	240	300	332	420	456	560		800	
22.4	6.7	11.6	14.2	21.7	26.5	35.7	41.8	63.5	75.6	90.7	108	153	173	200	240	300	345	420	470	560	640	800	900
25	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
28	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
31.5	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
35.5	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
40	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
45	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
50	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
56	6.7	11.6	15.5	21.7	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
63	6.6	11.4	15.5	21.4	27.2	35.7	43.8	63.5	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
71	6.6	11	15.5	20	27.2	34	43.8	60	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
80		11.6	14	21.7	26.8	35.7	43.8	61.6	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
90		11.6	14	21.7	25.2	35.7	43	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
100		11.6	15.5	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
112		11.6	15.5	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
125		11.6	15.5	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
140		11.6	15.5	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
160		11.6	15.5	21.7	27.2	35.7	44.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	345	420	470	560	640	800	900
180		11.6	15.5	21.7	27.2	35.7	44.2	[illegible]	[illegible]	90.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	345	420	470	560	640	800	900
200		11.6	15.5	21.7	27.2	35.7	44.2	[illegible]	[illegible]	90.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	345	420	470	560	640	800	900
224		11.6	15.5	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
250		11.6	15.5	21.7	27.2	35.7	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
280		11.6	15.5	21.7	27.2	35.2	44.2	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
315		11.2	15.5	20.2	27.2	34	44.2	60	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
355			15.5		26.8		44.2		75		113		173		240		345		470		640		900
400			14.5		25.5		43		75		113												

MTB4

齿轮箱 热容量 / n_1=1000 min^{-1} 类型 MTB3.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1000 min^{-1} Type MTB3.. / Sizes 4-26

热容量 P_G (kW) / Thermal capacities P_G (kW)

齿轮箱规格 / Gear unit sizes 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26

i_N		4–26
12.5	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
14	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
16	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
18	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
20	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
22.4	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
25	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
28	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
31.5	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
35.5	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
40	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
45	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
50	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
56	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
63	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
71	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
80	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
90	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]

* 请与我们联系 其他说明见类型 MTB2

* Consult us For additional notes, see type MTB2

齿轮箱 热容量 / n_1=1200 min^{-1} 类型 MTB3.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1200 min^{-1} Type MTB3.. / Sizes 4-26

热容量 P_G (kW) / Thermal capacities P_G (kW)

齿轮箱规格 / Gear unit sizes 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26

i_N		4–26
12.5	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
14	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
16	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
18	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
20	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
22.4	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
25	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
28	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
31.5	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
35.5	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
40	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
45	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
50	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
56	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
63	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
71	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
80	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]
90	P_{GA} / P_{GB} / P_{GC} / P_{GD}	[illegible]

* 请与我们联系 其他说明见类型 MTB2

* Consult us For additional notes, see type MTB2

齿轮箱 热容量 / n_1=1500 min^{-1} 类型 MTB3.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1500 min^{-1} Type MTB3.. / Sizes 4-26

热容量 P_G (kW) / Thermal capacities P_G (kW)

齿轮箱规格 / Gear unit sizes

i_N		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
12.5	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
14	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
16	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
18	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
20	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
22.4	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
25	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
28	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
31.5	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
35.5	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
40	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
45	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
50	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
56	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
63	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
71	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
80	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
90	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]

* 请与我们联系 其他说明见类型MTB2 * Consult us For additional notes, see type MTB2

齿轮箱 热容量 / n_1=1800 min^{-1} 类型 MTB3.. / 规格 4-26

Gear Units Thermal Capacities / n_1=1800 min^{-1} Type MTB3.. / Sizes 4-26

热容量 P_G (kW) / Thermal capacities P_G (kW)

齿轮箱规格 / Gear unit sizes

i_N		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
12.5	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
14	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
16	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
18	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
20	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
22.4	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
25	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
28	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
31.5	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
35.5	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
40	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
45	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
50	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
56	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
63	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
71	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
80	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]
90	P_{GA}	[illegible]
	P_{GB}	[illegible]
	P_{GC}	[illegible]
	P_{GD}	[illegible]

* 请与我们联系 其他说明见类型MTB2 * Consult us For additional notes, see type MTB2

齿轮箱 额定功率 类型 MTB4.. / 规格 5-26

Gear Units Nominal Power Ratings Type MTB4.. / Sizes 5-26

额定功率 P_{2N} (kW) / Nominal power ratings P_{2N} (kW)

i_N	n_1	n_2	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
			齿轮箱规格 / Gear unit sizes																					
80	1800	23	27		52		85		149		216		368		481		722*		1011*		1348*		1585*	
	1500	18.8	22		42		70		121		178		301		393		590		829		1102		1574	
	1200	15	18		34		56		98		142		240		314		471		663		879		1256	
	1000	12.5	15		28		46		80		118		200		261		393		540		732		1047	
90	1800	20	24		45		74		129		169		320	362	418	502	626*	722*	808*	884*	1172*	1340*	1675*	1884*
	1500	16.7	20		37		62		107		158		267	302	349	419	524	603	734	821	978	1119	1398	1573
	1200	13.3	16		30		49		86		126		213	240	278	334	417	480	584	654	779	891	1114	1253
	1000	11.1	13		25		41		71		105		177	201	232	278	348	400	488	546	650	743	929	1046
100	1800	18	21	29	40	51	67	83	118	147	170	212	288	326	375	452	565*	652*	791*	885*	1050*	1208*	1507*	1696*
	1500	15	18	24	34	42	56	69	98	122	142	177	240	271	314	376	471	541	659	736	878	1009	1256	1413
	1200	12	14	19	27	34	44	55	77	98	113	141	192	217	251	301	376	433	527	590	703	804	1005	1130
	1000	10	12	16	22	28	37	46	64	81	94	118	160	181	209	251	314	361	439	492	586	670	837	942
112	1800	16.1	19	26	36	45	60	74	103	131	152	190	257	291	337	404	505*	581*	708*	792*	944*	1079*	1348*	1517*
	1500	13.4	16	21	30	38	50	62	86	109	127	158	214	242	280	336	420	484	589	659	785	898	1122	1262
	1200	10.7	12	17	24	30	39	49	69	87	101	126	171	193	224	268	336	386	470	526	627	717	896	1008
	1000	8.9	10	14	20	25	33	41	57	72	84	105	142	161	186	223	279	321	391	438	521	596	745	838
125	1800	14.4	17	23	32	41	53	66	92	117	136	170	230	260	301	361	452*	520*	633*	708*	844*	965*	1206*	1357*
	1500	12	14	19	27	34	44	55	77	98	113	141	192	217	251	301	376	433	527	590	703	804	1005	1130
	1200	9.6	11	15	21	27	35	44	61	78	91	113	153	173	201	241	301	346	422	472	562	643	804	904
	1000	8	9.7	13	18	23	29	37	51	65	75	94	128	144	167	201	251	289	351	393	469	536	670	753
140	1800	12.9	15	20	29	36	48	59	83	105	122	152	206	233	270	324	405*	465*	567*	634*	756*	864*	1080*	1215*
	1500	10.7	12	17	24	30	39	49	69	87	101	126	171	193	224	268	336	386	470	526	627	717	896	1008
	1200	8.6	10	13	19	24	32	39	55	70	81	101	137	155	180	216	270	310	378	423	504	576	720	810
	1000	7.1	8.6	11	16	20	26	32	45	57	67	84	113	128	149	178	223	256	312	349	416	476	594	669
160	1800	11.3	13	18	25	32	42	52	72	92	107	133	181	204	236	283	354*	408*	496*	555*	662*	757*	946*	1064*
	1500	9.4	11	15	21	26	35	43	60	76	89	111	150	170	196	236	295	339	413	462	551	629	787	885
	1200	7.5	9.1	12	17	21	28	34	48	61	71	88	120	136	157	188	235	271	329	369	439	502	628	706
	1000	6.3	7.6	10	14	17	23	29	40	51	59	74	100	114	131	158	197	227	277	315	369	422	527	593
180	1800	10	12	16	22	28	37	46	64	81	94	118	160	181	209	251	314*	361*	439*	492*	586*	670*	837*	942*
	1500	8.3	10	13	18	23	31	38	53	67	78	98	132	150	173	208	260	299	365	408	486	556	695	782
	1200	6.7	8.1	10	15	19	25	31	43	54	63	79	107	121	140	168	210	242	294	329	392	449	561	631
	1000	5.6	6.8	9	12	15	20	25	36	45	53	66	89	101	117	140	175	202	246	275	328	375	469	527
200	1800	9	10	14	20	25	33	41	58	73	85	106	144	163	189	226	282*	325*	395*	442*	527*	603*	753*	848*
	1500	7.5	9.1	12	17	21	28	34	48	61	71	88	120	136	157	188	235	271	329	369	439	502	628	706
	1200	6	7.2	9.7	13	17	22	27	38	49	56	70	96	108	125	150	188	216	263	295	351	402	502	565
	1000	5	6	8.1	11	14	18	23	32	40	47	59	80	90	104	125	157	180	219	246	293	335	419	471
224	1800	8	9.7	13	18	23	29	37	51	65	75	94	128	144	167	201	251*	289*	351*	393*	469*	536*	670*	753*
	1500	6.7	8.1	10	15	19	25	31	43	54	63	79	107	121	140	168	210	242	294	329	392	449	561	631
	1200	5.4	6.5	8.7	12	15	20	24	34	44	51	63	86	97	113	135	169	195	237	265	316	361	452	508
	1000	4.5	5.4	7.3	10	13	16	20	29	36	42	53	72	81	94	113	141	162	197	221	263	301	376	424
250	1800	7.2	8.7	11	16	20	26	33	46	58	68	85	115	130	150	180	226*	260*	316*	354*	422*	482*	603*	678*
	1500	6	7.2	9.7	13	17	22	27	38	49	56	70	96	108	125	150	188	216	263	295	351	402	502	565
	1200	4.8	5.8	7.7	10	13	17	22	30	38	45	56	76	86	100	120	150	173	211	236	281	321	402	452
	1000	4	4.8	6.4	9	11	14	18	25	32	37	47	64	72	83	100	125	144	175	196	234	268	335	376
280	1800	6.4	7.7	10	14	18	23	29	41	52	60	75	102	115	134	160	201*	231*	281*	314*	375*	428*	536*	603*
	1500	5.4	6.5	8.7	12	15	19	24	34	44	51	63	86	97	113	135	169	195	237	265	316	361	452	508
	1200	4.3	5.2	6.9	9.7	12	15	19	27	35	40	50	69	77	90	108	135	155	189	211	252	289	361	406
	1000	3.6	4.3	5.8	8.1	10	13	16	23	29	34	42	57	65	75	90	113	130	158	177	211	241	301	339
315	1800	5.7	6.9	9.2	13	16	20	26	36	46	54	67	91	103	119	143	179*	205*	250*	280*	334*	381*	477*	537*
	1500	4.8	5.8	7.7	10	13	17	22	30	38	45	56	76	86	100	120	150	173	211	236	281	321	402	452
	1200	3.8	4.4	6.1	8.1	10	13	17	23	31	36	44	60	69	79	95	119	137	167	187	222	254	318	358
	1000	3.2	3.7	5.1	6.8	9.1	11	14	20	26	30	37	51	57	67	80	100	115	140	157	187	214	265	301
355	1800	5.1		8.2		14		23		41		60		92		128		184*		252*		341*		482*
	1500	4.2		6.8		11		19		34		49		75		105		151		208		281		395
	1200	3.4		5.5		9.4		15		27		40		61		85		122		167		227		320
	1000	2.8		4.5		7.7		12		22		33		50		70		101		137		187		260
400	1800	4.5		6.8		12		20		36		50												
	1500	3.8		5.7		10		17		29		44												
	1200	3		4.5		8		13		23		35												
	1000	2.5		3.7		6.6		11		19		29												

(shaded) 卧式安装齿轮箱应采用强制润滑 / Forced lubrication required on hourizontal gear units

(*) 请与我们联系 / Gear units only on request

齿轮箱 额定输出扭矩 类型 MTB4.. / 规格 5-26

Gear Units Nominal Output Torques Type MTB4.. / Sizes 5-26

额定输出扭矩 T_{2N} (kNm) Nominal output torques T_{2N} (kNm)

MTB2

MTB3

i_N	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	齿轮箱规格 / Gear unit sizes																						
5	6.1	9.4		19		23.9		46.0		68.6		132											
5.6	6.2	9.4		19		23.9		46.7		60.6		132	135	155									
6.3	6.2	9.4	12	19	23.6	23.9	38	50.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
7.1	6.2	9.4	12	19	23.6	23.9	38	52.4	[illegible]	[illegible]	97	130	[illegible]	[illegible]	230								
8	6.2	9.4	12	19	23.6	23.9	38	[illegible]	[illegible]	[illegible]	[illegible]	132	[illegible]	[illegible]	[illegible]								
9	6.2	9.4	12	19	23.6	23.9	38	34	44.2	61.1	84.6	132	148	155	230								
10	6.2	9.4	12	19	23.8	23.9	38	34	66.3	81.1	99.6	132	148	155	230								
11.2	6.2	9.4	12	19	23.6	23.9	38	34	66.3	81.1	101	132	148	155	230								
12.5	5.5	9.4	12	17	23.6	26	38	50.4	66.3	79.5	101	132	148	155	226	300		340					
14	9	9.9	12	16.2	23.6	29.5	38	56.7	66.3	81.6	101	137	148	155	230	262	295	300	405				
16	6.6	10.5	12	18.6	21.5	31	35.6	56.9	66.3	83.6	89.4	142	154	200	230	275	308	360	422				
18	6.7	11.3	14.6	21.1	23.1	33.6	37.6	60	69.5	86.7	102	169	180	200	240	309	308	400	456				
20	6.7	11.6	13.2	21.7	26	35.7	39.2	60.6	72.7	90.7	105	153	167	200	240	300	332	420	455	560		800	
22.4	6.7	11.6	14.2	21.7	26.5	35.7	41.8	60.6	75.6	90.7	108	153	173	200	240	300	345	420	470	560	640	800	900
25	6.7	11.6	15.3	21.7	27.2	35.7	43.6	60.6	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
28	6.7	11.6	15.3	21.7	27.2	35.7	43.6	60.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	345	420	470	560	640	800	900
31.5	6.7	11.6	15.3	21.7	27.2	35.7	43.6	[illegible]	[illegible]	[illegible]	[illegible]	153	[illegible]	[illegible]	[illegible]	[illegible]	345	420	470	560	640	800	900
35.5	6.7	11.6	15.3	21.7	27.2	35.7	43.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	345	420	470	560	640	800	900
40	6.7	11.6	15.5	21.7	27.2	35.7	43.6	60.6	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
45	6.7	11.6	15.5	21.7	27.2	35.7	43.6	60.6	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
50	6.7	11.6	15.3	21.7	27.2	35.7	43.6	60.6	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
56	6.7	11.6	15.3	21.7	27.2	35.7	43.6	60.6	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
63	4.6	11.4	15.3	21.4	27.2	35.7	43.6	60.6	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
71	6.6	11	15.3	20	27.2	34	43.6	60	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
80		11.6	14	21.7	26.8	35.7	43.6	61.6	77.2	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
90		11.6	14	21.7	25.2	35.7	43	61.6	75	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
100		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
112		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
125		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
140		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
160		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
180		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
200		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
224		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
250		11.6	15.5	21.7	27.2	35.7	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
280		11.6	15.5	21.7	27.2	35.3	44.2	61.6	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
315		11.2	15.5	26.5	27.2	34	44.2	60	78	90.7	113	153	173	200	240	300	345	420	470	560	640	800	900
355			15.5		26.8		44.2		78		113		173		240		345		470		640		900
400			14.5		25.5		43		75		113												

齿轮箱 Gear Units

热容量 / n_1=1000 min^{-1} Thermal Capacities / n_1=1000 min^{-1}
类型 MTB4.. / 规格 5-26 Type MTB4.. / Sizes 5-26

热容量 P_G (kW) / Thermal capacities P_G (kW)																								
i_N		齿轮箱规格 / Gear unit sizes																						
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
80	P_{GA}	28.6		42.4		60		80.6		121		162		183		260		361		*		*	
90	P_{GA}	27.9		41		58.6		87.9		118		155	167	175	188	240	256	339	355	*	*	*	*
100	P_{GA}	25.6	30.6	38.8	45.3	55.6	60.4	84.4	101	112	130	146	160	164	180	227	246	319	344	*	*	*	*
112	P_{GA}	25.6	29.9	37.4	44	53.5	59	80.4	97.6	107	126	139	151	157	169	216	232	309	322	*	*	*	*
125	P_{GA}	24.5	28.6	35.7	41.6	51	56	77	93.2	102	119	132	144	149	161	205	221	291	313	*	*	*	*
140	P_{GA}	23.4	27.5	33.9	40.1	48.1	53.9	73.6	88.8	97.6	114	126	137	144	154	196	211	281	294	*	*	*	*
160	P_{GA}	21.5	26.3	30.9	38.2	44	51.3	66.4	85.1	92.4	110	121	132	136	148	187	203	265	284	*	*	*	*
180	P_{GA}	21.1	25.1	30.1	36.4	42.9	48.7	64.6	80.6	87.2	103	114	124	128	139	175	191	248	269	*	*	*	*
200	P_{GA}	20.4	23.1	29.9	33.2	42	44.8	63.2	73.8	85.2	96.5	112	117	126	132	174	178	240	251	*	*	*	*
224	P_{GA}	19	22.7	27.8	32.4	39.3	43.4	59.4	71.8	79.9	93.2	105	116	117	130	163	179	224	243	*	*	*	*
250	P_{GA}	18.5	21.8	26.9	32.1	37.9	42.5	57.5	70.1	77.3	90.6	102	108	114	122	158	168	217	227	*	*	*	*
280	P_{GA}	17.6	20.4	25.2	30	36.1	39.8	55	65.8	73	85.2	95	104	107	117	148	161	207	220	*	*	*	*
315	P_{GA}	16.5	19.8	23.8	28.8	33.9	38.4	51.3	63.7	69.6	82.4	89.7	98.5	101	110	140	153	193	210	*	*	*	*
355	P_{GA}		19		27.1		36.6		60.8		77.8		93.4		104		144		196		*		*
400	P_{GA}		17.7		25.4		34.5		56.7		76.1												

热容量 / n_1=1200 min^{-1} Thermal Capacities / n_1=1200 min^{-1}
类型 MTB4.. / 规格 5-26 Type MTB4.. / Sizes 5-26

热容量 P_G (kW) / Thermal capacities P_G (kW)																								
i_N		齿轮箱规格 / Gear unit sizes																						
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
80	P_{GA}	30.5		45.1		63.5		84.9		125		165		183		248		334		*		*	
90	P_{GA}	29.9		43.7		62.2		92.3		123		159	170	176	189	240	255	327	336	*	*	*	*
100	P_{GA}	28.5	32.7	41.4	48.2	59.1	64.1	89.9	106	117	136	150	163	167	182	226	247	311	330	*	*	*	*
112	P_{GA}	27.5	32	39.9	46.9	56.9	62.7	84.9	102	112	132	144	155	161	173	219	235	306	314	*	*	*	*
125	P_{GA}	26.3	30.6	38.2	44.4	54.4	59.7	81.5	98.4	108	125	138	149	154	166	210	226	291	309	*	*	*	*
140	P_{GA}	25.1	29.5	36.3	42.9	51.4	57.5	77.3	94.1	103	120	134	143	149	159	204	217	284	294	*	*	*	*
160	P_{GA}	23.1	28.2	33.2	41	47	54.9	70.7	90.4	97.6	116	127	138	142	155	194	210	271	288	*	*	*	*
180	P_{GA}	22.7	27	33.4	39	46	52.3	69	85.9	92.8	110	120	131	135	146	183	200	258	276	*	*	*	*
200	P_{GA}	21.9	24.9	32.1	35.7	45.1	47.8	67.7	78.7	91	105	119	125	134	140	183	189	251	261	*	*	*	*
224	P_{GA}	20.4	24.4	30	34.9	42.3	46.7	63.8	77	85.6	99.8	112	123	125	136	174	190	237	256	*	*	*	*
250	P_{GA}	20	23.5	29	34.6	40.8	45.8	61.9	75.4	93.1	97.4	109	116	122	131	169	186	232	243	*	*	*	*
280	P_{GA}	19	22	27.2	32.3	38	43	59.3	71	78.8	92	102	113	115	127	160	174	224	237	*	*	*	*
315	P_{GA}	17.8	21.4	25.5	31.1	36.6	41.5	55.4	68.7	75.2	89	96.9	106	109	119	152	166	209	227	*	*	*	*
355	P_{GA}		20.5		29.2		39.6		65.8		84		99.7		113		156		211		*		*
400	P_{GA}		19.1		27.4		37.3		61.2		80												

* 请与我们联系
P_{GA} (kW) 齿轮箱不带辅助冷却装置**)
**) 适用数值按:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us
P_{GA} (kW) Gear units without auxiliary cooling **)
**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 Gear Units

热容量 / n_1=1500 min^{-1} Thermal Capacities / n_1=1500 min^{-1}
类型 MTB4.. / 规格 5-26 Type MTB4.. / Sizes 5-26

热容量 P_G (kW) / Thermal capacities P_G (kW)																								
i_N		齿轮箱规格 / Gear unit sizes																						
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
80	P_{GA}	31.7		46.8		66.1		88.6		130		171		189		268		343		*		*	
90	P_{GA}	31.1		45.5		64.7		95.9		128		164	176	183	195	248	264	337	345	*	*	*	*
100	P_{GA}	29.6	34	43.1	50.2	61.5	66.7	92.4	110	121	140	156	169	173	188	236	255	321	339	*	*	*	*
112	P_{GA}	28.6	33.3	41.5	48.8	59.2	65.3	88.3	105	116	137	149	161	167	179	227	243	315	323	*	*	*	*
125	P_{GA}	27.4	31.8	39.7	46.2	56.6	62.1	84.8	102	112	130	143	155	159	172	218	234	300	318	*	*	*	*
140	P_{GA}	26.1	30.7	37.8	44.6	53.5	59.9	80.4	97.6	107	125	139	148	155	165	211	225	294	304	*	*	*	*
160	P_{GA}	24.1	29.4	34.5	42.7	49	57.2	73.6	94.1	101	121	132	143	147	160	202	218	281	298	*	*	*	*
180	P_{GA}	23.6	28.1	33.7	40.7	47.9	54.3	71.8	89.3	96.5	114	125	136	140	152	190	208	268	286	*	*	*	*
200	P_{GA}	22.8	25.8	33.5	37.2	47	49.8	70.8	81.9	94.7	109	124	130	139	146	191	196	260	271	*	*	*	*
224	P_{GA}	21.3	25.4	31.2	36.4	44	48.6	66.5	80.2	89.1	104	117	128	130	144	181	198	248	266	*	*	*	*
250	P_{GA}	20.8	24.5	30.2	36	42.5	47.8	64.5	78.6	86.6	101	114	120	127	136	176	187	241	252	*	*	*	*
280	P_{GA}	19.8	22.9	28.4	33.7	40.8	44.8	61.8	74	82.1	95.9	106	117	120	132	167	182	233	247	*	*	*	*
315	P_{GA}	18.6	22.3	26.6	32.4	38.2	43.2	57.8	71.6	78.4	92.7	100	110	113	124	158	172	217	236	*	*	*	*
355	P_{GA}		21.3		30.4		41.2		68.4		87.6		103		117		162		220		*		*
400	P_{GA}		19.9		28.6		38.9		63.8		83.4												

热容量 / n_1=1800 min^{-1} Thermal Capacities / n_1=1800 min^{-1}
类型 MTB4.. / 规格 5-26 Type MTB4.. / Sizes 5-26

热容量 P_G (kW) / Thermal capacities P_G (kW)																								
i_N		齿轮箱规格 / Gear unit sizes																						
		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
80	P_{GA}	33		48.6		68.1		100		130		168		184		245		312		*		*	
90	P_{GA}	32.3		47.2		66.8		97.9		129		163	173	178	190	239	253	311	311	*	*	*	*
100	P_{GA}	30.9	35.4	44.8	52	63.6	68.8	94.7	112	123	142	153	166	170	180	230	247	301	312	*	*	*	*
112	P_{GA}	29.8	34.7	43.2	50.6	61.4	67.5	90.7	109	118	138	150	161	165	177	223	239	300	302	*	*	*	*
125	P_{GA}	28.5	33.2	41.4	48	58.8	64.3	87.3	105	114	133	144	155	160	171	216	231	290	303	*	*	*	*
140	P_{GA}	27.3	32	39.4	46.5	55.8	62.2	83.1	100	109	128	141	150	156	166	212	224	286	294	*	*	*	*
160	P_{GA}	25.2	30.7	36.1	44.5	51	59.5	76.2	97.2	104	124	135	146	150	162	204	220	278	292	*	*	*	*
180	P_{GA}	24.7	29.4	35.2	42.5	50	56.6	74.6	92.6	99.8	118	129	140	143	155	194	211	266	285	*	*	*	*
200	P_{GA}	23.9	27.1	35	38.9	48.1	52	73.4	85.2	98.3	113	128	134	143	150	196	201	264	274	*	*	*	*
224	P_{GA}	22.3	26.7	32.7	38.1	46.1	50.9	69.5	83.7	92.9	108	121	133	135	149	187	205	253	273	*	*	*	*
250	P_{GA}	21.8	25.7	31.7	37.8	44.6	50.1	67.6	82.3	90.6	106	119	126	133	142	184	199	251	262	*	*	*	*
280	P_{GA}	20.9	24.1	29.8	35.4	42.7	47.1	65	77.7	85.5	100	112	123	126	139	175	191	245	260	*	*	*	*
315	P_{GA}	19.5	23.5	27.9	34.1	40.1	45.4	60.7	76.2	82.3	97.4	106	116	119	131	166	180	228	248	*	*	*	*
355	P_{GA}		22.4		32		43.3		71.8		92		109		123		170		231		*		*
400	P_{GA}		21		30		40.8		67		87.6												

* 请与我们联系
P_{GA} (kW) 齿轮箱不带辅助冷却装置**)
**) 适用数值按:
每小时工作周期: 100%
在室内大空间安装
海拔高度至 1000 m

* Consult us
P_{GA} (kW) Gear units without auxiliary cooling **)
**) Values refer to:
Operating cycle: 100%
Installation in a large hall
Altitude up to 1000 m

齿轮箱 Gear Units

实际传动比
类型 MTH1.、MTH2.、MTH3.、MTH4.. / 规格 3-14

Actual Ratios
Type MTH1.、MTH2.、MTH3.、MTH4.. / Sizes 3-14

实际传动比 i / Actual ratios i													
i₄	齿轮箱规格 / Gear unit sizes												i₄
	3	4	5	6	7	8	9	10	11	12	13	14	
1.25	1.243	–	1.256	–	1.263	–	1.270	–	–	–	–	–	1.25
1.4	1.371	–	1.378	–	1.380	–	1.400	–	–	–	–	–	1.4
1.6	1.594	–	1.588	–	1.606	–	1.625	–	1.636	–	1.588	–	1.6
1.8	1.829	–	1.839	–	1.774	–	1.800	–	1.806	–	1.839	–	1.8
2.0	2.000	–	2.034	–	1.966	–	2.000	–	2.000	–	2.034	–	2.0
2.24	2.194	–	2.259	–	2.308	–	2.231	–	2.222	–	2.259	–	2.24
2.5	2.536	–	2.520	–	2.583	–	2.500	–	2.480	–	2.520	–	2.5
2.8	2.806	–	2.820	–	2.690	–	2.741	–	2.783	–	2.826	–	2.8
3.15	3.125	–	3.190	–	3.130	–	3.206	–	3.080	–	3.206	–	3.15
3.55	3.500	–	3.591	–	3.524	–	3.591	–	3.478	–	3.591	–	3.55
4.0	3.990	–	4.060	–	4.000	–	4.060	–	3.905	–	4.060	–	4.0
4.5	4.430	–	4.619	–	4.400	–	4.581	–	4.421	–	4.619	–	4.5
5.0	4.902	–	4.900	–	4.905	–	4.947	–	5.150	–	4.900	–	5.0
5.6	5.579	–	5.556	–	5.526	–	5.684	–	5.474	–	5.556	–	5.6
6.3	–	6.319	6.286	–	6.066	–	6.260	–	6.246	–	6.410	–	6.3
7.1	–	6.857	7.213	–	7.048	–	7.247	–	6.900	–	7.100	–	7.1
8.0	–	7.776	7.889	7.792	7.799	7.676	8.015	7.848	7.644	7.941	7.889	7.944	8.0
9.0	–	8.485	8.652	8.940	8.660	8.887	8.904	9.085	8.974	8.772	8.799	8.800	9.0
10	–	9.722	10.002	9.778	9.660	9.833	9.932	10.053	10.046	9.718	9.861	9.778	10
11.2	–	10.694	11.075	10.724	10.648	10.923	11.138	11.163	10.889	11.410	10.811	10.906	11.2
12.5	–	12.444	12.326	12.397	11.907	12.780	12.574	12.452	12.174	12.773	12.655	12.222	12.5
14	–	13.865	13.606	13.726	12.939	13.429	14.152	13.964	13.704	13.644	14.164	13.399	14
16	–	15.556	15.581	15.278	15.717	14.667	15.962	15.766	15.556	15.478	15.975	15.685	16
18	–	17.602	17.493	17.111	17.598	17.576	18.204	17.743	17.511	17.423	17.280	17.556	18
20	–	19.444	19.534	19.311	19.742	19.817	19.312	20.012	19.074	19.778	19.515	19.800	20
22.4	–	22.037	22.006	21.681	20.982	22.189	21.895	22.824	21.491	21.706	22.020	21.418	22.4
25	–	–	25.011	24.212	25.540	24.892	25.439	24.212	24.706	24.251	25.372	24.187	25
28	–	–	28.490	27.275	27.711	26.456	29.187	27.451	28.602	27.325	29.373	27.292	28
31.5	–	–	31.161	30.999	31.433	32.202	31.924	31.894	31.648	31.412	32.501	31.447	31.5
35.5	–	–	34.177	35.312	34.291	34.949	35.013	36.593	35.144	36.366	36.092	36.406	35.5
40	–	–	39.508	38.622	39.292	39.633	40.474	40.024	39.200	40.238	40.257	40.283	40
45	–	–	43.745	42.360	43.221	43.236	44.816	43.857	43.210	44.663	45.147	44.733	45
50	–	–	48.689	48.967	50.793	49.542	49.881	50.744	47.911	49.840	50.958	49.696	50
56	–	–	54.532	54.229	56.030	54.406	55.996	56.187	56.566	54.938	57.365	55.957	56
63	–	–	61.543	60.347	62.867	63.413	63.049	62.837	63.776	60.916	64.699	63.171	63
71	–	–	69.742	67.589	71.139	70.651	70.767	70.041	71.414	71.919	73.789	71.100	71
80	–	–	78.723	76.279	78.583	79.257	79.049	79.046	80.511	81.089	76.278	80.190	80
90	–	–	86.806	86.440	89.061	89.696	89.050	88.748	85.146	90.798	88.750	91.457	90
100	–	–	–	97.572	101.554	99.083	101.210	99.106	103.639	101.856	103.114	97.020	100
112	–	–	–	107.990	115.256	112.294	115.290	111.645	112.450	108.257	118.308	110.000	112
125	–	–	–	–	125.733	128.046	126.098	126.890	127.556	131.769	129.396	127.803	125
140	–	–	–	–	143.985	145.322	138.301	144.542	139.152	142.973	141.920	146.633	140
160	–	–	–	–	158.251	158.533	159.874	158.393	159.444	162.176	164.056	160.360	160
180	–	–	–	–	174.630	181.546	177.022	173.392	175.389	176.921	181.654	175.901	180
200	–	–	–	–	193.629	199.533	197.026	200.439	204.089	202.722	202.184	203.339	200
224	–	–	–	–	228.606	226.165	220.671	225.438	227.382	222.994	226.446	225.149	224
250	–	–	–	–	257.753	244.141	249.043	247.620	255.111	259.484	255.560	250.594	250
280	–	–	–	–	288.615	288.242	282.210	276.853	288.678	289.100	286.925	280.665	280
315	–	–	–	–	305.352	324.903	318.583	312.234	318.869	324.356	320.413	316.751	315
355	–	–	–	–	344.112	363.908	351.273	353.827	361.407	367.034	360.951	355.625	355
400	–	–	–	–	–	385.010	–	399.393	–	405.444	–	397.131	400
450	–	–	–	–	–	433.881	–	440.402	–	459.504	–	447.376	450

齿轮箱 Gear Units

实际传动比
类型 MTH1.、MTH2.、MTH3.、MTH4.. / 规格 15-26

Actual Ratios
Type MTH1.、MTH2.、MTH3.、MTH4.. / Sizes 15-26

实际传动比 i / Actual ratios i													
i₄	齿轮箱规格 / Gear unit sizes												i₄
	15	16	17	18	19	20	21	22	23	24	25	26	
1.25	–	–	–	–	–	–	–	–	–	–	–	–	1.25
1.4	–	–	–	–	–	–	–	–	–	–	–	–	1.4
1.6	–	–	–	–	–	–	–	–	–	–	–	–	1.6
1.8	–	–	–	–	–	–	–	–	–	–	–	–	1.8
2.0	2.000	–	2.000	–	1.957	–	–	–	–	–	–	–	2.0
2.24	2.231	–	2.259	–	2.296	–	–	–	–	–	–	–	2.24
2.5	2.481	–	2.481	–	2.560	–	–	–	–	–	–	–	2.5
2.8	2.760	–	2.760	–	2.679	–	–	–	–	–	–	–	2.8
3.15	3.087	–	3.087	–	3.238	–	–	–	–	–	–	–	3.15
3.55	3.476	–	3.476	–	3.450	–	–	–	–	–	–	–	3.55
4.0	3.947	–	3.947	–	3.944	–	–	–	–	–	–	–	4.0
4.5	4.579	–	4.526	–	4.400	–	–	–	–	–	–	–	4.5
5.0	5.100	–	4.900	–	4.950	–	–	–	–	–	–	–	5.0
5.6	5.778	–	5.556	–	5.700	–	–	–	–	–	–	–	5.6
6.3	6.449	–	6.154	–	6.410	–	6.500	–	6.306	–	6.280	–	6.3
7.1	7.120	7.316	7.125	7.147	7.100	7.312	7.200	7.265	7.006	7.059	6.915	7.232	7.1
8.0	7.852	8.076	7.884	8.274	7.889	8.100	8.000	8.047	7.882	7.878	7.635	7.953	8.0
9.0	8.758	8.941	8.755	9.155	8.799	9.000	8.923	8.941	8.868	8.824	8.915	8.792	9.0
10	9.774	9.935	9.765	10.167	9.768	10.038	9.926	9.973	9.780	9.926	9.939	10.265	10
11.2	10.967	11.087	10.951	11.340	10.847	11.187	11.040	11.094	10.878	10.948	11.141	11.445	11.2
12.5	12.139	12.440	12.432	12.717	12.176	12.429	12.349	12.339	12.196	12.176	12.571	12.829	12.5
14	13.708	13.769	13.915	14.438	13.712	13.891	13.905	13.801	13.790	13.619	13.394	14.476	14
16	15.389	15.550	15.694	16.199	15.970	15.643	15.780	15.541	15.557	15.336	15.314	15.424	16
18	17.424	17.457	17.899	18.225	18.061	17.763	18.316	17.647	17.839	17.415	17.082	17.634	18
20	20.297	19.765	18.988	20.786	20.117	20.605	20.490	20.471	19.312	19.969	19.218	19.671	20
22.4	21.374	23.024	20.930	22.050	21.782	22.956	22.369	22.800	22.039	21.818	21.108	22.129	22.4
25	24.716	24.245	24.209	24.306	25.283	24.656	25.837	25.000	25.457	24.871	24.320	24.306	25
28	27.304	28.036	26.736	28.106	28.306	28.844	28.523	28.877	28.193	28.497	28.157	28.007	28
31.5	30.248	30.971	29.619	31.048	31.117	31.958	31.579	31.879	31.115	31.459	31.156	32.424	31.5
35.5	35.514	34.311	34.776	34.397	34.706	35.508	35.088	35.294	34.572	34.830	34.506	35.876	35.5
40	39.756	40.284	38.929	40.385	38.892	39.696	39.159	39.216	38.982	38.700	38.591	39.840	40
45	43.890	45.096	42.104	45.208	43.642	44.575	43.930	43.765	43.590	43.169	43.276	44.439	45
50	48.175	48.879	47.174	49.030	48.917	48.648	48.632	48.105	47.976	48.459	48.132	49.835	50
56	54.229	54.647	53.102	54.783	55.870	56.044	54.920	54.369	54.167	53.636	54.996	56.575	56
63	61.557	61.514	60.278	61.667	63.013	63.739	61.654	61.391	60.747	60.573	62.021	63.322	63
71	67.713	69.826	66.308	70.000	68.162	71.888	69.806	68.908	68.780	68.001	70.738	71.418	71
80	75.481	76.809	73.912	77.000	76.974	77.762	81.316	78.019	80.120	76.992	75.037	81.452	80
90	85.945	85.620	83.279	85.833	88.439	87.816	86.427	90.882	85.156	89.687	85.076	86.407	90
100	97.768	96.471	95.735	96.711	100.079	106.895	99.020	96.594	97.564	95.323	100.753	97.967	100
112	113.186	110.901	110.803	111.178	115.862	114.174	109.386	110.670	107.778	109.214	111.657	118.054	112
125	125.238	128.390	122.634	128.710	128.196	132.180	121.182	122.255	119.400	120.647	124.041	128.552	125
140	139.074	142.060	136.183	142.414	142.362	146.254	142.279	135.439	140.186	133.657	138.354	142.835	140
160	155.135	157.756	151.960	158.148	158.793	162.413	159.273	159.017	156.931	156.925	155.051	159.316	160
180	170.993	175.962	167.438	176.400	178.079	185.156	172.632	178.011	170.993	175.669	169.982	178.544	180
200	189.587	193.962	185.656	194.444	201.088	205.560	193.004	192.941	190.166	190.402	196.953	195.737	200
224	223.845	215.055	219.192	215.600	226.272	229.355	217.257	215.751	214.982	212.672	222.710	229.132	224
250	252.386	253.914	247.139	254.545	255.251	256.141	246.617	242.617	242.990	239.622	251.183	256.454	250
280	282.605	286.288	276.730	287.000	291.084	291.144	271.278	275.630	267.289	272.064	271.709	289.241	280
315	317.021	320.508	310.431	321.364	308.761	332.952	302.399	303.193	297.952	299.264	306.639	312.677	315
355	336.946	359.608	329.942	360.500	350.089	352.249	340.720	337.975	335.710	333.528	352.538	353.329	355
400	–	362.207	–	363.158	–	398.375	–	380.805	–	375.794	–	405.953	400
450	–	–	–	–	–		–	–	–	–	–	–	450

齿轮箱 Gear Units

实际传动比 Actual Ratios
类型 MTB2.., MTB3.., MTB4.. / 规格 4-14
Type MTB2.., MTB3.., MTB4.. / Sizes 4-14

实际传动比 i / Actual ratios i												
齿轮箱规格 / Gear unit sizes												
i	4	5	6	7	8	9	10	11	12	13	14	i
5.6	4.936	5.006	–	4.865	–	5.002	–	4.897	–	4.967	–	5.6
5.6	5.480	5.488	–	5.333	–	5.483	–	5.534	–	5.613	–	5.6
6.3	6.296	6.388	6.205	6.206	6.135	6.381	6.271	6.296	6.226	6.386	6.156	6.3
7.1	6.959	7.058	6.802	6.860	6.725	7.053	6.875	7.037	7.036	7.106	6.967	7.1
8.0	7.549	7.657	7.915	7.880	7.625	8.101	8.000	7.994	8.005	8.106	7.915	8.0
9.0	8.593	8.917	8.749	8.569	8.649	8.918	8.842	8.693	8.947	8.817	8.947	9.0
10	9.672	10.106	9.490	9.823	9.936	10.099	10.157	9.965	10.164	10.106	10.049	10
11.2	10.789	10.923	10.926	10.815	10.804	10.914	11.045	10.769	11.052	10.923	10.926	11.2
12.5	12.034	12.703	12.528	12.433	12.385	12.554	12.662	12.334	12.670	12.482	12.526	12.5
14	13.484	13.964	13.538	13.515	13.385	14.137	13.683	13.821	13.692	13.721	13.538	14
16	15.601	15.835	15.626	16.275	15.773	15.952	15.693	15.522	15.868	16.354	15.552	16
18	17.482	17.407	17.307	17.092	17.041	17.963	17.724	17.393	17.572	17.978	17.007	18
20	19.614	19.845	19.729	19.948	20.648	20.259	19.940	19.744	19.995	20.276	20.376	20
22.4	21.919	21.954	21.575	22.148	22.308	22.206	22.520	21.843	22.114	22.226	22.282	22.4
25	25.380	25.421	24.349	25.448	25.152	25.843	25.400	25.186	25.103	25.864	25.131	25
28	27.836	27.861	27.211	28.125	27.973	28.953	27.842	27.836	27.517	28.587	27.548	28
31.5	30.196	30.245	31.506	30.909	32.084	30.969	32.400	31.975	32.021	32.838	32.057	31.5
35.5	34.771	34.827	34.557	35.131	35.461	35.679	35.611	34.771	35.392	35.709	35.432	35.5
40	39.487	39.551	37.486	39.896	39.468	40.902	38.846	39.861	40.654	40.936	40.700	40
45	43.077	43.146	43.196	43.523	44.206	44.202	44.732	43.077	44.209	44.236	44.259	45
50	49.060	49.139	49.021	49.568	50.304	50.341	51.280	49.060	50.681	50.383	50.737	50
56	55.152	55.240	53.477	55.723	54.877	56.592	55.417	55.152	54.769	56.639	54.931	56
63	60.806	60.906	60.904	61.438	62.409	62.396	63.114	60.806	62.376	62.448	62.446	63
71	69.293	69.404	68.467	70.011	70.259	71.102	70.951	69.293	70.121	71.161	70.200	71
80	–	77.596	75.489	79.267	77.465	79.497	78.228	80.949	77.313	82.116	77.400	80
90	–	86.720	86.022	88.585	86.274	88.842	89.143	89.909	86.101	90.016	88.200	90
100	–	100.413	96.176	102.572	99.945	102.868	99.667	103.259	102.921	104.750	101.780	100
112	–	110.130	107.484	112.498	111.694	112.824	111.384	114.129	114.262	115.777	111.569	112
125	–	119.466	124.455	122.035	129.300	122.389	126.971	123.804	131.287	125.593	129.831	125
140	–	137.567	136.499	140.525	141.846	140.933	141.452	142.582	145.106	144.621	143.498	140
160	–	158.225	146.071	159.585	153.871	160.047	153.443	161.897	157.498	165.791	155.663	160
180	–	170.427	170.506	174.882	177.164	174.597	176.692	176.615	181.256	179.166	179.248	180
200	–	194.098	193.631	199.272	201.215	198.847	200.656	201.145	205.841	204.050	205.487	200
224	–	218.199	211.234	222.891	219.508	223.127	219.808	226.121	224.554	229.386	222.065	224
250	–	240.578	240.572	245.752	249.885	246.464	249.300	249.353	255.742	252.913	252.907	250
280	–	274.147	270.443	280.042	281.036	280.555	280.256	284.101	287.497	288.204	284.310	280
315	–	302.121	298.161	308.618	309.861	309.513	309.000	313.091	316.984	317.612	313.470	315
355	–	–	339.788	–	353.097	–	352.116	–	361.214	–	357.210	355
400	–	–	374.460	–	389.127	–	388.046	–	398.073	–	393.660	400

齿轮箱 Gear Units

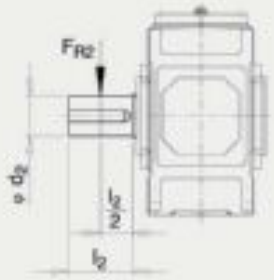
实际传动比 Actual Ratios
类型 MTB2.., MTB3.., MTB4.. / 规格 15-26
Type TB2.., MTB3.., MTB4.. / Sizes 15-26

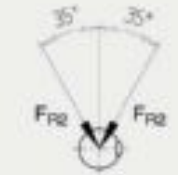
实际传动比 i / Actual ratios i													
齿轮箱规格 / Gear unit sizes													
15	16	17	18	19	20	21	22	23	24	25	26	i
4.953	–	–	–	–	–	–	–	–	–	–	–	5.0
5.609	5.630	5.514	–	–	–	–	–	–	–	–	–	5.6
6.340	6.362	6.234	–	–	–	–	–	–	–	–	–	6.3
7.132	7.192	7.012	7.239	–	–	–	–	–	–	–	–	7.1
8.101	8.090	7.965	8.143	–	–	–	–	–	–	–	–	8.0
8.810	9.190	8.662	9.250	–	–	–	–	–	–	–	–	9.0
10.099	9.993	9.930	10.059	–	–	–	–	–	–	–	–	10
10.914	11.456	10.731	11.531	–	–	–	–	–	–	–	–	11.2
12.172	12.380	12.770	12.462	12.062	–	12.256	–	–	–	–	–	12.5
13.810	13.832	13.790	14.654	13.799	13.699	13.902	13.719	–	–	–	–	14
15.215	15.665	16.226	16.014	15.192	15.840	15.436	15.536	–	–	–	–	16
17.262	17.290	17.522	18.620	17.267	17.252	17.510	17.279	–	–	–	–	18
19.379	19.581	19.762	20.348	19.807	19.698	19.883	19.570	19.581	–	19.264	–	20
21.900	21.062	22.333	22.050	22.158	22.368	22.470	22.222	22.139	21.936	21.793	22.206	22.4
24.916	24.842	25.409	25.936	25.048	25.276	25.400	25.113	25.027	24.783	24.635	25.095	25
27.847	28.263	28.398	29.507	28.175	28.576	28.571	28.389	28.181	28.015	27.711	28.368	28
31.634	31.588	32.259	32.079	32.005	32.943	32.456	31.933	31.975	31.513	31.478	31.909	31.5
34.400	35.663	35.080	37.463	34.804	36.513	35.294	36.275	34.775	35.797	34.231	36.246	35.5
39.435	39.021	40.215	40.736	39.890	39.706	40.461	39.446	39.966	39.927	39.341	39.417	40
42.617	44.732	43.460	46.702	43.117	45.516	43.725	45.221	43.082	44.626	42.467	45.157	45
48.536	48.341	49.496	50.469	49.106	49.190	49.798	48.869	49.065	48.226	48.297	48.833	50
54.982	55.055	55.641	57.479	55.200	56.022	55.981	55.656	55.158	54.924	54.294	55.615	56
60.158	61.892	61.348	64.016	60.865	62.978	61.722	62.557	60.815	61.744	59.863	62.520	63
68.953	68.239	69.909	71.243	69.358	69.439	70.335	68.984	69.301	68.076	68.216	68.833	71
78.131	77.761	76.506	81.184	79.977	79.127	77.639	78.610	78.497	77.573	78.160	78.551	80
85.845	88.626	83.665	88.848	87.570	91.242	87.739	86.772	86.446	85.631	88.260	89.933	90
99.664	97.150	97.593	97.391	102.029	100.017	99.821	98.061	98.353	96.779	100.414	101.633	100
110.155	113.052	107.865	113.333	112.759	116.389	111.565	111.565	109.924	110.097	112.228	115.629	112
126.536	124.962	123.904	125.263	129.526	128.641	126.793	124.690	124.870	123.049	127.467	129.292	125
137.599	143.532	134.739	143.869	140.851	147.789	137.815	141.843	135.798	139.780	138.634	146.803	140
157.741	156.082	154.462	156.471	161.479	160.690	157.989	154.329	155.665	152.002	158.928	159.639	160
170.467	178.930	166.923	179.375	174.496	184.212	170.335	178.576	168.224	174.252	171.749	183.006	180
194.143	193.365	190.107	193.846	198.732	199.033	194.448	190.821	191.598	188.310	195.603	197.772	200
218.249	226.222	213.712	220.769	223.408	226.782	218.592	207.804	215.377	214.464	219.891	225.249	224
240.634	247.566	235.631	248.182	246.322	254.874	241.012	244.309	237.467	241.094	242.444	253.208	250
274.210	272.957	268.510	273.636	280.692	281.015	274.641	269.366	270.602	265.822	276.274	279.178	280
302.191	311.045	295.909	311.818	309.334	320.226	302.666	306.952	298.215	302.913	304.465	318.133	315
–	342.784	–	343.636	–	352.962	–	338.273	–	333.823	–	350.596	355
–	–	–	–	–	–	–	–	–	–	–	–	400

齿轮箱 输出轴 d, 上允许的附加径向力[1] 实心轴 (S)

Gear Units Permissible Additional Radial Forces on Output Shaft d, [1] Solid Shaft (S)

作用力在轴伸中部
Application of force on centre of shaft end





允许的作用力方向
Permissible direction of force

表 1 / Table 1

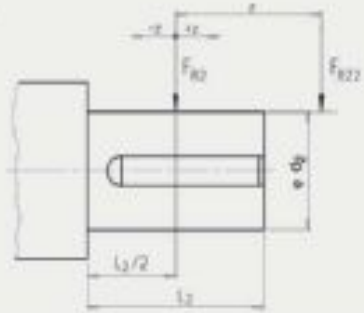
允许的附加径向力 F_{R2} (kN)，作用在输出轴轴伸中部 [3]
Permissible additional radial forces F_{R2} in kN with application of force on centre of shaft end [3]

类型 Type	布置形式 Design	齿轮减速箱 / Gear unit sizes [1] [4]															
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MTH1SH	A/B	和	–	和	–	和	–	和	–	和	–	和	–	和	–	和	–
MTH2S.	A/B/G/H	–	10	22	22	30	30	30	45	64	64	150	150	140	205	205	205
	C/D	–	10	13	13	18	18	10	28	35	35	112	112	85	135	135	135
MT32S.	A/C	–	13	27	27	37	37	28	55	78	78	160	160	150	210	210	210
	B/D	–	12	15	15	17	17	10	30	35	38	110	110	75	145	100	100
MTH3S.	A/B/G/H	–	–	29	29	40	40	40	60	85	85	190	190	185	255	255	255
MTH4S.	C/D	–	–	–	–												
MT33S.	A/C	–	14	29	29												
MT34S.	A/C	–	–														
MTH3S.	C/D	–	–	18	18	26	26	18	40	50	50	150	150	120	185	185	190
MTH4S.	A/B	–	–	–	–												
MT33S.	B/D	–	9	18	18												
MT34S.	B/D	–	–														

齿轮箱 输出轴 d_2 上允许的附加径向力[1] 实心轴 (S)

Gear Units Permissible Additional Radial Forces on Output Shaft d_2 [1] Solid Shaft (S)

作用力不在轴伸中部
Application of force outside the centre of the shaft end



F_{R22} 允许的外部径向力
Permissible external radial force

F_{R2} 允许的附加径向力，根据第 289 页上的表 1 确定
Permissible additional radial force acc. to table 1 page 289

x 作用力系数根据下表确定
Factor of application of force acc. to table

$F_{R22} = F_{R2} \times k$

表 2 / Table 2

作用力系数 k / Factor of application of force k

规格 Size	距离 z, mm / Distance z in mm														
	- 200	- 150	- 100	- 75	- 50	- 25	0	25	50	75	100	150	200	250	300
3					1.21	1.09	1.00	0.85	0.74	0.65	0.58	0.48			
4					1.17	1.08	1.00	0.86	0.76	0.68	0.62	0.52	0.44		
5 + 6				1.22	1.14	1.06	1.00	0.88	0.79	0.72	0.66	0.56	0.49	0.43	
7 + 8				1.19	1.12	1.06	1.00	0.89	0.81	0.74	0.68	0.58	0.51	0.46	0.41
9 + 10			1.22	1.15	1.10	1.05	1.00	0.90	0.82	0.76	0.70	0.61	0.54	0.48	0.44
11 + 12			1.18	1.13	1.08	1.04	1.00	0.91	0.84	0.78	0.73	0.64	0.57	0.51	0.47
13 + 14		1.24	1.15	1.11	1.07	1.03	1.00	0.92	0.86	0.80	0.75	0.67	0.60	0.55	0.50
15 + 16		1.20	1.12	1.09	1.06	1.03	1.00	0.93	0.87	0.82	0.77	0.69	0.63	0.58	0.53
17 + 18	1.25	1.17	1.11	1.08	1.05	1.03	1.00	0.94	0.88	0.84	0.79	0.72	0.66	0.60	0.56

1) 表中数值为最小值，在 $f_b \geq 1.2$ 时可以满足要求。
如果给出了力的作用角和旋转方向，则在很大多数情况下可以承受较大的附加力。
请与我们联系。
在必要时可以采用一个加强型输出轴(V)。

2) 根据要求

3) 当作用力不在轴伸中部时，请参阅第 296 页。

4) 地脚螺栓的最低性能等级为 8.8，
基础必须干燥，不得有油脂。

1) Values in tables are minimum values. They are valid for $f_b \geq 1.2$. If the angle of application of force and the direction of rotation are given, significantly higher additional forces can mostly be allowed.
Please consult us.
If necessary, a reinforced output shaft (V) can be used.

2) on request

3) For application of force outside the centre of the shaft end, see page 290.

4) Use foundation bolts of min. property class 8.8.
Foundation must be dry and grease-free.

根据要求：

- 输入轴 d_1 上允许的附加径向力。
- 双出轴实心轴上允许的附加径向力（设计型式 E、F 和 I）。
- 19-26 号齿轮箱上允许的附加径向力。

On request:

- Permissible additional radial forces on input shaft d_1
- Permissible additional radial forces on solid output shafts on both sides (assemblies E, F and I).
- Permissible additional radial forces for gear unit sizes 19-26.

齿轮箱 转动惯量 J_1 类型 MTH1.., MTH2.., MTH3.., MTH4.. / 规格 3-14

Gear Units Mass Moments of Inertia J_1 Type MTH1.., MTH2.., MTH3.., MTH4.. / Sizes 3-14

转动惯量 J_s(kgm²) 是指相对于齿轮箱输出轴 d_2 的转动惯量，可按下列公式计算：$J_s = i_N^2 \times J_1$

转动惯量 J_1(kgm²) 是指相对于齿轮箱不带冷却风扇的输入轴 d_1 的转动惯量

如果输入轴 d_1 带有冷却风扇，则应加上 J_0

The mass moment of inertia J_s in kgm² refers to the output shaft d_2 of a gear unit and is calculated with the following formula: $J_s = i_N^2 \times J_1$

The mass moment of inertia J_1 in kgm² refers to the input shaft d_1 of a gear unit without fan

For shaft d_1 with fan, J_0 has to be added

转动惯量 J_1（kgm²）是指相对于齿轮箱输入轴 d_1 的转动惯量 / Mass moments of inertia J_1 in kgm² referring to shaft d_1

i_N	齿轮箱规格 / Gear unit sizes 3	4	5	6	7	8	9	10	11	12	13	14
1.25	0.02856	–	0.15709	–	0.42300	–	0.92932	–	–	–	–	–
1.4	0.02589	–	0.14349	–	0.38558	–	0.84322	–	–	–	–	–
1.6	0.02243	–	0.12352	–	0.33519	–	0.72851	–	1.74877	–	3.74077	–
1.8	0.01974	–	0.10903	–	0.30515	–	0.66013	–	1.58798	–	3.33057	–
2.0	0.01820	–	0.09832	–	0.27747	–	0.59704	–	1.43757	–	2.90582	–
2.24	0.01677	–	0.09023	–	0.25984	–	0.53640	–	1.29808	–	2.61258	–
2.5	0.01479	–	0.08187	–	0.23952	–	0.48350	–	1.16495	–	2.32613	–
2.8	0.01347	–	0.07368	–	0.20126	–	0.44378	–	1.04053	–	2.08042	–
3.15	0.00915	–	0.05905	–	0.14091	–	0.31056	–	0.84211	–	1.67273	–
3.55	0.00807	–	0.04369	–	0.12850	–	0.27320	–	0.73655	–	1.47389	–
4.0	0.00702	–	0.03797	–	0.10584	–	0.23756	–	0.64640	–	1.28613	–
4.5	0.00522	–	0.02973	–	0.08623	–	0.19560	–	0.49550	–	0.96567	–
5.0	0.00451	–	0.02756	–	0.07492	–	0.17086	–	0.40618	–	0.80360	–
5.6	0.00384	–	0.02333	–	0.06407	–	0.14114	–	0.37471	–	0.75803	–
J_0	0.060	–	0.045	–	0.100	–	0.100	–	0.290	–	0.290	–
6.3	–	0.01493	0.03380	–	0.09203	–	0.20124	–	0.52103	–	1.10195	–
7.1	–	0.01340	0.02812	–	0.07563	–	0.16602	–	0.40488	–	0.95997	–
8.0	–	0.01138	0.02503	0.02869	0.06630	0.11062	0.14502	0.23896	0.33684	0.63988	0.82523	1.28897
9.0	–	0.01030	0.02207	0.03060	0.05805	0.08946	0.12771	0.19611	0.32236	0.55011	0.72500	1.11030
10	–	0.00850	0.01807	0.02877	0.05058	0.07738	0.11102	0.16827	0.27967	0.47606	0.62735	0.95870
11.2	–	0.00757	0.01619	0.02505	0.04457	0.06771	0.09506	0.14855	0.25168	0.37982	0.55005	0.82433
12.5	–	0.00527	0.01187	0.02063	0.03779	0.05794	0.07208	0.12624	0.19234	0.32553	0.42550	0.70636
14	–	0.00453	0.01013	0.01802	0.02861	0.05060	0.06102	0.10218	0.16348	0.25072	0.36723	0.62480
16	–	0.00384	0.00853	0.01362	0.02368	0.03672	0.05133	0.08558	0.13635	0.22067	0.31417	0.47348
18	–	0.00320	0.00758	0.01136	0.02005	0.03044	0.04365	0.06852	0.12169	0.18813	0.26054	0.40553
20	–	0.00276	0.00649	0.00949	0.01712	0.02542	0.04039	0.05722	0.10460	0.15546	0.23699	0.34428
22.4	–	0.00230	0.00550	0.00804	0.01578	0.02227	0.03414	0.04838	0.08840	0.13769	–	0.30627
25	–	–	–	0.00710	–	0.01886	–	0.04442	–	0.11733	–	0.25717
28	–	–	–	0.00328	–	0.01734	–	0.03728	–	0.09842	–	–
J_0	–	0.005	0.010	0.010	0.045	0.045	0.045	0.045	0.100	0.100	0.290	0.290
22.4	–	–	–	–	–	–	–	–		–	0.28093	–
25	–	–	0.00645	–	0.01629	–	0.03913	–	0.10272	–	0.22706	–
28	–	–	0.00536	–	0.01447	–	0.03237	–	0.08533	–	0.18629	0.29678
31.5	–	–	0.00474	0.00582	0.01269	0.01734	0.02874	0.04142	0.07242	0.11039	0.16244	0.23889
35.5	–	–	0.00418	0.00565	0.01070	0.01536	0.02550	0.03413	0.06284	0.08868	0.14140	0.19520
40	–	–	0.00343	0.00438	0.00888	0.01209	0.02129	0.02891	0.05440	0.07704	0.12303	0.16871
45	–	–	0.00301	0.00438	0.00782	0.01070	0.01874	0.02573	0.04709	0.06659	0.10672	0.14739
50	–	–	0.00229	0.00358	0.00670	0.00930	0.01559	0.02285	0.03603	0.05741	0.07610	0.12778
56	–	–	0.00194	0.00313	0.00487	0.00813	0.01162	0.01948	0.02835	0.05047	0.06432	0.11040
63	–	–	0.00153	0.00298	0.00413	0.00597	0.00986	0.01415	0.02396	0.03805	0.05428	0.07906
71	–	–	0.00123	0.00202	0.00324	0.00509	0.00738	0.01210	0.01900	0.02879	0.04221	0.06686
80	–	–	0.00102	0.00169	0.00278	0.00436	0.00624	0.01025	0.01595	0.02500	0.03866	0.05611
90	–	–	0.00088	0.00128	0.00229	0.00337	0.00520	0.00758	0.01453	0.01891	0.03176	0.04362
100	–	–	–	0.00106	–	0.00280	–	0.00648	–	0.01567	–	0.03692
112	–	–	–	0.00091	–	0.00238	–	0.00539	–	0.01517	–	0.03274
J_0	–	–	0.006	0.006	0.010	0.010	0.020	0.020	0.045	0.045	0.045	0.045
100	–	–	–	–	0.00326	–	0.00607	–	0.01753	–	0.03962	–
112	–	–	–	–	0.00274	–	0.00532	–	0.01560	–	0.03254	–
125	–	–	–	–	0.00243	0.00334	0.00486	0.00683	0.01310	0.01795	0.02873	0.04034
140	–	–	–	–	0.00202	0.00279	0.00428	0.00564	0.01164	0.01597	0.02534	0.03309
160	–	–	–	–	0.00176	0.00247	0.00348	0.00486	0.00870	0.01308	0.02087	0.02919
180	–	–	–	–	0.00153	0.00208	0.00300	0.00436	0.00848	0.01158	0.01806	0.02572
200	–	–	–	–	0.00128	0.00175	0.00230	0.00354	0.00595	0.00968	0.01309	0.02115
224	–	–	–	–	0.00097	0.00150	0.00195	0.00328	0.00508	0.00863	0.01135	0.01829
250	–	–	–	–	0.00081	0.00126	0.00163	0.00234	0.00426	0.00805	0.00946	0.01358
280	–	–	–	–	0.00065	0.00098	0.00139	0.00179	0.00304	0.00517	0.00794	0.01150
315	–	–	–	–	0.00060	0.00082	0.00113	0.00155	0.00304	0.00435	0.00670	0.00960
355	–	–	–	–	0.00050	0.00066	0.00097	0.00136	0.00252	0.00360	0.00569	0.00803
400	–	–	–	–	–	0.00060	–	0.00114	–	0.00309	–	0.00678
450	–	–	–	–	–	0.00050	–	0.00098	–	0.00256	–	0.00565

MTH1 MTH2 MTH3 MTH4

齿轮箱 转动惯量 J_1 类型 MTH1.., MTH2.., MTH3.., MTH4.. / 规格 15-26

Gear Units Mass Moments of Inertia J_1 Type MTH1.., MTH2.., MTH3.., MTH4.. / Sizes 15-26

转动惯量 J_s(kgm²) 是指相对于齿轮箱输出轴 d_2 的转动惯量，可按下列公式计算：$J_s = i_N^2 \times J_1$

转动惯量 J_1(kgm²) 是指相对于齿轮箱不带冷却风扇的输入轴 d_1 的转动惯量

如果输入轴 d_1 带有冷却风扇，则应加上 J_0

The mass moment of inertia J_s in kgm² refers to the output shaft d_2 of a gear unit and is calculated with the following formula: $J_s = i_N^2 \times J_1$

The mass moment of inertia J_1 in kgm² refers to the input shaft d_1 of a gear unit without fan

For shaft d_1 with fan, J_0 has to be added

转动惯量 J_1（kgm²）是指相对于齿轮箱输入轴 d_1 的转动惯量 / Mass moments of inertia J_1 in kgm² referring to shaft d_1

齿轮箱规格 / Gear unit sizes 15	16	17	18	19	20	21	22	23	24	25	26	i_N
–	–	–	–	–	–	–	–	–	–	–	–	1.25
–	–	–	–	–	–	–	–	–	–	–	–	1.4
–	–	–	–	–	–	–	–	–	–	–	–	1.6
–	–	–	–	–	–	–	–	–	–	–	–	1.8
6.86960	–	11.68172	–	21.86960	–	–	–	–	–	–	–	2.0
6.15225	–	10.37970	–	18.65863	–	–	–	–	–	–	–	2.24
5.52442	–	9.40145	–	16.67520	–	–	–	–	–	–	–	2.5
4.86982	–	8.44258	–	14.80389	–	–	–	–	–	–	–	2.8
3.91162	–	6.72158	–	11.88645	–	–	–	–	–	–	–	3.15
3.40747	–	5.86430	–	11.14864	–	–	–	–	–	–	–	3.55
2.80210	–	5.05491	–	9.52270	–	–	–	–	–	–	–	4.0
2.30308	–	4.00605	–	7.87459	–	–	–	–	–	–	–	4.5
1.96158	–	3.55077	–	6.88044	–	–	–	–	–	–	–	5.0
1.65750	–	3.01084	–	5.50473	–	–	–	–	–	–	–	5.6
0.690	–	0.690	–	0.690	–	–	–	–	–	–	–	J_0
2.69450	–	5.30249	–	10.62628	–	14.12289	–	24.64317		43.65264		6.3
2.36587	2.93445	4.38152	5.75625	9.32889	11.42554	12.30655	15.24955	21.27286	26.82051	38.24315	48.18327	7.1
2.07486	2.56275	3.85105	4.74843	8.17855	9.95029	10.71777	13.23587	18.34784	23.02087	33.54245	42.06250	8.0
1.81611	2.23558	3.37587	4.15270	7.14708	8.70419	9.31584	11.46180	15.79406	19.74133	27.44642	38.67581	9.0
1.58473	1.94632	2.94834	3.61590	6.27857	7.57118	8.14946	9.91374	13.65253	16.85503	23.80250	29.73863	10
1.37758	1.68919	2.56216	3.14068	5.50433	6.42132	7.13787	8.60256	12.25583	14.85773	20.72374	25.75162	11.2
1.14218	1.46036	2.04515	2.71748	4.44852	5.61159	5.87570	7.62848	10.15212	13.01466	16.82461	22.10542	12.5
0.97937	1.20581	1.76837	2.16566	3.81751	4.51800	4.86012	5.98982	8.17152	10.14205	15.30106	17.78037	14
0.82110	1.03247	1.51446	1.86457	3.20888	3.86197	4.12526	5.10828	6.92018	8.63279	12.85260	16.31922	16
0.68720	0.86326	1.21881	1.58610	2.59772	3.37526	3.27026	4.31621	5.53436	7.27791	10.75060	13.63177	18
0.58507	0.72507	1.16548	1.27606	2.24549	2.80236	2.81401	3.41019	4.54030	5.80843	8.02684	11.37655	20
–	0.58429	–	1.15512	–	2.32667	–	2.92640	–	5.17225	–	9.50542	22.4
–	–	–	–	–	–	–	–	–	–	–	–	25
–	–	–	–	–	–	–	–	–	–	–	–	28
0.290	0.290	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	J_0
0.74181	–	0.81050	–	1.65789	–	3.73410	–	5.04264	–	10.06130	–	22.4
0.60398	0.78346	0.65759	0.85855	1.33246	1.72711	3.03358	3.82925	4.01585	5.22593	8.05438	10.47076	25
0.52260	0.61732	0.56650	0.68913	1.15173	1.38384	2.63821	3.10380	3.44684	4.14947	6.43749	8.36260	28
0.45433	0.53601	0.48253	0.59485	0.99457	1.10061	2.29194	2.69573	2.95348	3.55849	5.53232	6.68760	31.5
0.36744	0.46525	0.39559	0.51371	0.85759	1.02850	1.98551	2.30986	2.52425	3.04293	4.74133	5.73528	35.5
0.31814	0.37536	0.34093	0.41397	0.73662	0.86542	1.73985	2.02018	2.14923	2.59672	4.04798	4.89375	40
0.26776	0.32445	0.30742	0.35519	0.65309	0.75963	1.47554	1.74153	1.82218	2.20791	3.45973	4.17940	45
0.21066	0.29316	0.22452	0.31786	0.45753	0.67202	1.20329	1.56030	1.48627	1.86835	2.73103	3.53614	50
0.17865	0.21496	0.18897	0.23237	0.38867	0.48271	1.01815	1.22362	1.23280	1.52139	2.31874	2.80661	56
0.14889	0.18145	0.15726	0.19656	0.33815	0.40865	0.86937	1.03386	1.04955	1.26841	1.95017	2.37908	63
0.12187	0.15152	0.13262	0.16237	0.28859	0.34446	0.69855	0.88180	0.80838	1.07032	1.47637	1.99761	71
0.10341	0.12386	0.11393	0.13786	0.24205	0.20806	0.66341	0.70576	0.69526	0.82469	1.24742	1.61283	80
0.08646	0.10515	0.09873	0.11733	0.19751	0.24759	0.50932	0.56061	0.57752	0.64877	1.11198	1.37982	90
–	0.08784	–	0.09841	–	0.20171	–	0.51330	–	0.58946	–	1.13627	100
–	–	–	–	–	–	–	–	–	–	–	–	112
0.100	0.100	0.100	0.100	–	–	–	–	–	–	–	–	J_0
0.10814	–	0.11310	–	0.23894	–	0.60939	–	0.68036	–	1.34533	–	100
0.08784	0.10910	0.09173	0.11518	0.19488	0.24032	0.52729	0.61425	0.58380	0.68966	1.15832	1.36329	112
0.07573	0.08829	0.07972	0.09024	0.16925	0.10732	0.45084	0.53127	0.50190	0.58128	0.99530	1.17266	125
0.06605	0.07672	0.06832	0.08096	0.14880	0.17125	0.36516	0.45809	0.39942	0.51301	0.85423	1.00776	140
0.05794	0.06652	0.05996	0.07022	0.12654	0.14842	0.31582	0.36751	0.34116	0.40382	0.73018	0.86376	160
0.04990	0.05742	0.05247	0.06056	0.10718	0.12785	0.28075	0.31070	0.30248	0.34468	0.64450	0.75776	180
0.03863	0.05030	0.03837	0.05313	0.08153	0.10587	0.21159	0.26136	0.26376	0.30645	0.48703	0.65111	200
0.02984	0.03828	0.03132	0.03991	0.06657	0.08271	0.18183	0.21567	0.19453	0.23615	0.41707	0.49254	224
0.02560	0.03013	0.02596	0.03140	0.05729	0.06915	0.15057	0.18364	0.16198	0.19842	0.35035	0.40575	250
0.02130	0.02517	0.02181	0.02626	0.04877	0.05779	0.12852	0.15135	0.13871	0.16344	0.31167	0.35624	280
0.01768	0.02111	0.01840	0.02208	0.04283	0.04716	0.10984	0.13017	0.11753	0.13893	0.26080	0.31414	315
0.01616	0.01777	0.01686	0.01858	0.03673	0.04318	0.09172	0.11046	0.09770	0.11860	0.20636	0.26284	355
–	0.01525	–	0.01702	–	0.03589	–	0.08213	–	0.09847	–	0.20792	400
–	–	–	–	–	–	–	–	–	–	–	–	450

MTH1 MTH2 MTH3 MTH4

齿轮箱 转动惯量 J_1 类型 MTB2.., MTB3.., MTB4.. / 规格 4-14

Gear Units Mass Moments of Inertia J_1 Type MTB2.., MTB3.., MTB4.. / Sizes 4-14

The mass moment of inertia J_2 in kgm² refers to the output shaft d_2 of a gear unit and is calculated with the following formula: $J_2 = i_N^2 \times J_1$

The mass moment of inertia J_1 in kgm² refers to the input shaft d_1 of a gear unit without fan.

For shaft d_1 with fan, J_L has to be added.

转动惯量 J_1 (kgm²) 是指相对于齿轮箱输入轴 d_1 的转动惯量 / Mass moments of inertia J_1 in kgm² referring to shaft d_1

i_N	4	5	6	7	8	9	10	11	12	13	14
MTB2											
5.0	0.03211	0.07501	–	0.20154	–	0.44627	–	1.29058	–	2.79186	–
5.6	0.03024	0.06915	–	0.17137	–	0.37934	–	1.09250	–	2.36141	–
6.3	0.02073	0.05791	0.08406	0.13819	0.23057	0.30248	0.50022	0.83265	1.45203	1.89785	3.10156
7.1	0.02249	0.04955	0.07666	0.11908	0.18854	0.25734	0.42023	0.73380	1.23242	1.63448	2.60149
8.0	0.01814	0.03799	0.06347	0.06865	0.15603	0.16973	0.33032	0.53110	0.96847	1.16084	2.05333
9.0	0.01486	0.03115	0.05410	0.07852	0.13365	0.17287	0.28748	0.48051	0.82632	1.06873	1.78297
10	0.01037	0.02536	0.04185	0.06863	0.09965	0.14658	0.21258	0.41113	0.60295	0.92751	1.29691
11.2	0.00931	0.02176	0.03406	0.05956	0.08888	0.12482	0.19220	0.35289	0.54127	0.80120	1.16704
12.5	–	–	0.02760	–	0.07596	–	0.15065	–	0.45737	–	1.00155
14	–	–	0.02368	–	0.06568	–	0.13741	–	0.38227	–	0.86460
J_L	0.020	0.045	0.045	0.100	0.100	0.100	0.100	0.290	0.290	0.690	0.690
MTB3											
12.5	0.00756	0.01615	–	0.04549	–	0.10285	–	0.27616	–	0.61844	–
14	0.00734	0.01575	–	0.04455	–	0.09999	–	0.26876	–	0.60537	–
16	0.00623	0.01371	0.01750	0.03768	0.04966	0.08727	0.11205	0.23671	0.30357	0.51600	0.66451
18	0.00610	0.01346	0.01696	0.03713	0.04831	0.08650	0.10750	0.23106	0.29302	0.50838	0.64618
20	0.00569	0.01246	0.01458	0.03404	0.04011	0.07999	0.09207	0.21547	0.25301	0.47586	0.54294
22.4	0.00527	0.01157	0.01422	0.03229	0.03939	0.07329	0.09015	0.19297	0.24635	0.40380	0.53216
25	0.00456	0.01073	0.01308	0.02828	0.03637	0.06997	0.08364	0.14675	0.22734	0.32054	0.49435
28	0.00394	0.00881	0.01208	0.02378	0.03364	0.05804	0.07033	0.12605	0.19285	0.27212	0.41936
31.5	0.00335	0.00730	0.01109	0.01922	0.02934	0.04011	0.06322	0.09089	0.15405	0.20094	0.33203
35.5	0.00271	0.00586	0.00911	0.01568	0.02463	0.03275	0.05390	0.08401	0.13203	0.18236	0.28152
40	0.00190	0.00416	0.00755	0.01100	0.01996	0.02460	0.04168	0.07225	0.09842	0.15335	0.20606
45	0.00177	0.00393	0.00605	0.00984	0.01624	0.02280	0.03393	0.06249	0.08794	0.13099	0.18837
50	0.00129	0.00301	0.00431	0.00812	0.01143	0.01784	0.02750	0.04683	0.07516	0.10268	0.15794
56	0.00106	0.00248	0.00405	0.00662	0.01029	0.01462	0.02357	0.03850	0.06498	0.08549	0.13492
63	0.00087	0.00207	0.00310	0.00569	0.00840	0.01242	0.01844	0.03265	0.04876	0.07262	0.10571
71	0.00067	0.00157	0.00258	0.00467	0.00705	0.00997	0.01509	0.02622	0.04032	0.05866	0.08789
80	–	–	0.00213	–	0.00607	–	0.01260	–	0.03390	–	0.07458
90	–	–	0.00162	–	0.00481	–	0.01027	–	0.02719	–	0.06017
J_L	0.006	0.010	0.010	0.020	0.020	0.045	0.045	0.100	0.100	0.290	0.290
MTB4											
80	–	0.00240	–	0.00589	–	0.01293	–	0.03573	–	0.08226	–
90	–	0.00227	–	0.00543	–	0.01193	–	0.03317	–	0.07518	–
100	–	0.00200	0.00244	0.00465	0.00600	0.01100	0.01317	0.02895	0.03644	0.06237	0.08039
112	–	0.00176	0.00236	0.00434	0.00551	0.00903	0.01212	0.02431	0.03375	0.05320	0.07613
125	–	0.00145	0.00202	0.00344	0.00474	0.00749	0.01114	0.01960	0.02939	0.04108	0.06507
140	–	0.00117	0.00178	0.00278	0.00409	0.00600	0.00915	0.01603	0.02467	0.03348	0.05377
160	–	0.00091	0.00147	0.00195	0.00346	0.00427	0.00758	0.01127	0.01999	0.02716	0.04157
180	–	0.00085	0.00118	0.00181	0.00261	0.00402	0.00608	0.01007	0.01626	0.02328	0.03365
200	–	0.00058	0.00092	0.00132	0.00198	0.00308	0.00439	0.00830	0.01145	0.01821	0.02744
224	–	0.00047	0.00088	0.00108	0.00183	0.00254	0.00407	0.00696	0.01021	0.01481	0.02352
250	–	0.00043	0.00058	0.00090	0.00134	0.00211	0.00312	0.00600	0.00841	0.01266	0.01840
280	–	0.00033	0.00047	0.00069	0.00109	0.00160	0.00257	0.00476	0.00705	0.01016	0.01506
315	–	0.00028	0.00043	0.00058	0.00091	0.00136	0.00214	0.00406	0.00608	0.00812	0.01278
355	–	–	0.00034	–	0.00079	–	0.00162	–	0.00482	–	0.01025
400	–	–	0.00028	–	0.00058	–	0.00138	–	0.00409	–	0.00820

齿轮箱 转动惯量 J_1 类型 MTB2.., MTB3.., MTB4.. / 规格 15-26

Gear Units Mass Moments of Inertia J_1 Type MTB2.., MTB3.., MTB4.. / Sizes 15-26

The mass moment of inertia J_2 in kgm² refers to the output shaft d_2 of a gear unit and is calculated with the following formula: $J_2 = i_N^2 \times J_1$

The mass moment of inertia J_1 in kgm² refers to the input shaft d_1 of a gear unit without fan.

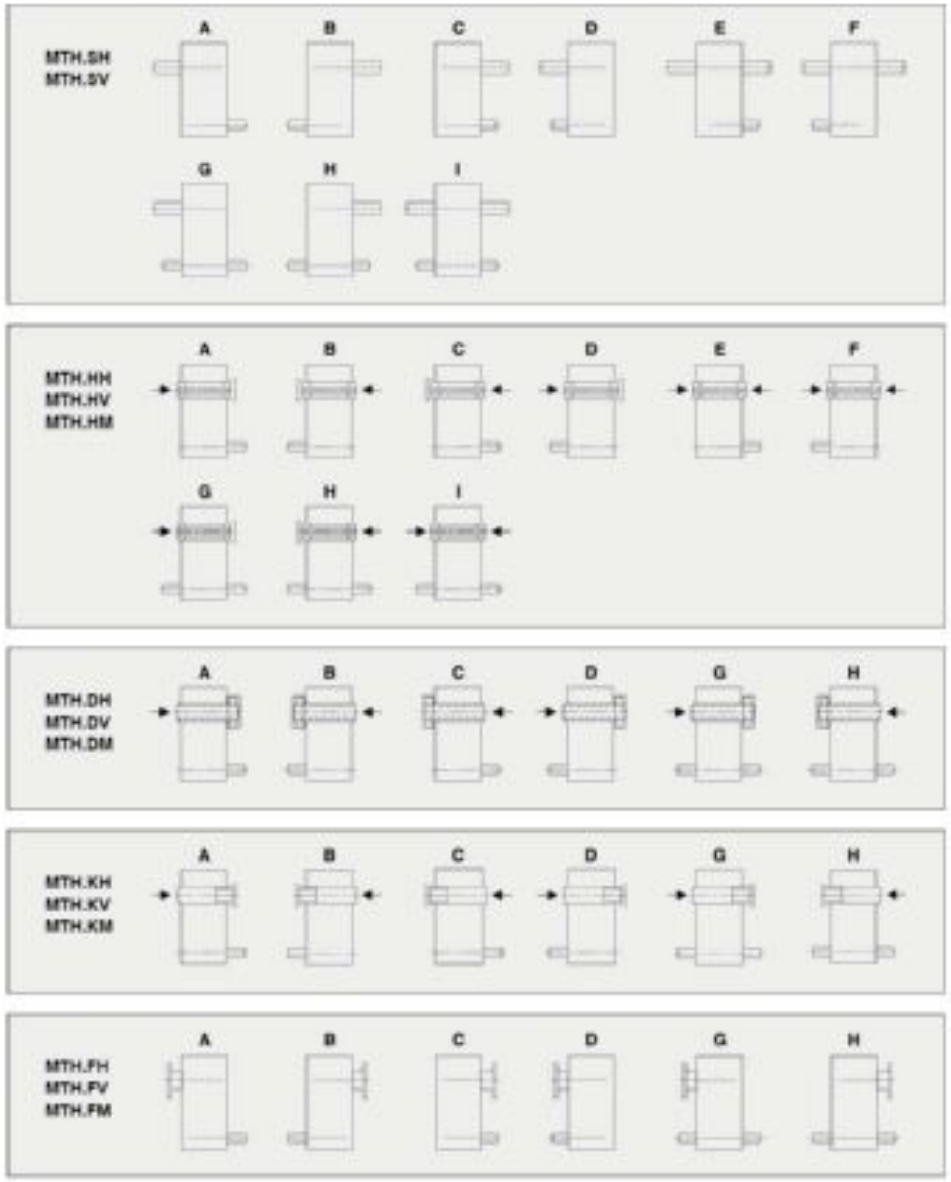
For shaft d_1 with fan, J_L has to be added.

转动惯量 J_1 (kgm²) 是指相对于齿轮箱输入轴 d_1 的转动惯量 / Mass moments of inertia J_1 in kgm² referring to shaft d_1

15	16	17	18	19	20	21	22	23	24	25	26	i_N
						MTB2						
6.26706	–	–	–	–	–	–	–	–	–	–	–	5.0
5.40648	6.69577	10.37011	–	–	–	–	–	–	–	–	–	5.6
4.49760	5.72660	8.58657	–	–	–	–	–	–	–	–	–	6.3
3.77001	4.74810	7.14219	9.08446	–	–	–	–	–	–	–	–	7.1
2.78214	3.98800	5.01824	7.51989	–	–	–	–	–	–	–	–	8.0
2.50133	2.93507	4.52434	5.31094	–	–	–	–	–	–	–	–	9.0
2.16711	2.68107	3.85677	4.77245	–	–	–	–	–	–	–	–	10
1.81377	2.26564	3.32075	4.04511	–	–	–	–	–	–	–	–	11.2
–	1.89631	–	3.46202	–	–	–	–	–	–	–	–	12.5
–	–	–	–	–	–	–	–	–	–	–	–	14
0.690	0.690	0.690	0.690	–	–	–	–	–	–	–	–	J_L
						MTB3						
1.69718	–	3.46500	–	7.5896	–	8.3877	–	–	–	–	–	12.5
1.65740	1.76004	3.44624	3.60423	7.7305	8.0659	8.2156	8.6052	–	–	–	–	14
1.48103	1.70979	3.06600	3.54418	6.9989	7.8400	7.4408	8.3643	–	–	–	–	16
1.45557	1.52126	3.04252	3.14036	6.6396	6.9560	7.2717	7.4142	–	–	–	–	18
1.37309	1.48908	2.88256	3.10318	6.37936	6.8399	6.70596	7.2972	13.03215	–	16.34176	–	20
1.14711	1.39966	2.43609	2.93035	5.50155	6.40478	5.82775	6.91837	10.99213	13.25774	13.58363	16.63295	22.4
0.96256	1.15792	1.92590	2.46743	4.57199	5.55843	4.62726	5.92204	9.07303	11.15677	11.50136	13.96823	25
0.77356	0.91864	1.67695	1.94976	3.82661	4.62432	4.03056	4.90505	7.52980	9.21156	9.12970	11.40227	28
0.56206	0.79843	1.21675	1.70005	2.82775	3.87017	2.96405	4.03888	5.31627	7.63815	6.55845	9.36758	31.5
0.50670	0.57204	1.09757	1.23465	2.56986	2.85976	2.70207	3.02924	4.27705	5.40103	5.82741	6.74279	35.5
0.43106	0.51513	0.84869	1.11270	2.19865	2.59597	2.29704	2.74025	4.03861	4.84854	4.84785	5.98329	40
0.36975	0.43748	0.81933	0.96021	1.83997	2.21796	1.92502	2.32612	3.46501	4.10309	4.15938	4.96647	45
0.27673	0.37524	0.57171	0.82919	1.40268	1.85554	1.46929	1.94992	2.60989	3.53156	3.13732	4.27035	50
0.22663	0.28096	0.46852	0.57931	1.14615	1.41650	1.19871	1.48840	2.12784	2.64566	2.54535	3.21563	56
0.19580	0.23198	0.40603	0.47553	1.04477	1.15493	1.09801	1.21390	1.85989	2.15630	2.20313	2.60731	63
0.15581	0.19858	0.33047	0.41058	0.84654	1.05384	0.87983	1.10050	1.50642	1.88310	1.77590	2.25415	71
–	0.16093	–	0.33728	–	0.85337	–	0.88845	–	1.52444	–	1.81015	80
–	–	–	–	–	–	–	–	–	–	–	–	90
0.290	0.290	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	J_L
						MTB4						
0.22213	–	0.22753	–	0.49522	–	1.41079	–	1.32207	–	3.15981	–	80
0.16551	0.22377	0.19326	0.23101	0.42091	0.50136	1.17663	1.41860	1.26377	1.53687	2.64711	3.18972	90
0.15085	0.18866	0.15435	0.19590	0.33318	0.42519	0.92537	1.16281	0.99269	1.27536	2.08857	2.67053	100
0.12941	0.15185	0.13227	0.15630	0.28247	0.33633	0.79182	0.93015	0.84571	1.00164	1.81118	2.10566	112
0.09644	0.13023	0.09861	0.13387	0.20878	0.26535	0.57621	0.79564	0.61798	0.85268	1.32077	1.82566	125
0.08516	0.09705	0.08799	0.09962	0.18698	0.21073	0.51866	0.57917	0.55396	0.62353	1.16553	1.30199	140
0.07369	0.08669	0.07526	0.08902	0.15940	0.18963	0.44815	0.52117	0.46758	0.55868	1.01562	1.19502	160
0.06369	0.07429	0.06509	0.07606	0.13535	0.15986	0.37754	0.44267	0.40065	0.47061	0.87984	1.00264	180
0.04791	0.06423	0.04883	0.06575	0.10605	0.13639	0.28773	0.37318	0.30548	0.40361	0.59852	0.86293	200
0.03935	0.04818	0.04008	0.04935	0.08613	0.10584	0.23338	0.28399	0.24742	0.30284	0.50448	0.62066	224
0.03336	0.03956	0.03395	0.04049	0.07479	0.08879	0.19973	0.23438	0.21129	0.24929	0.43439	0.50605	250
0.02676	0.03353	0.02723	0.03429	0.06032	0.07533	0.16181	0.20055	0.17071	0.21252	0.35962	0.43750	280
0.02169	0.02690	0.02207	0.02748	0.04934	0.06074	0.12885	0.16245	0.13618	0.17158	0.28657	0.35601	315
–	0.02160	–	0.02228	–	0.04968	–	0.12937	–	0.13715	–	0.28654	355
–	–	–	–	–	–	–	–	–	–	–	–	400

齿轮箱 布置形式

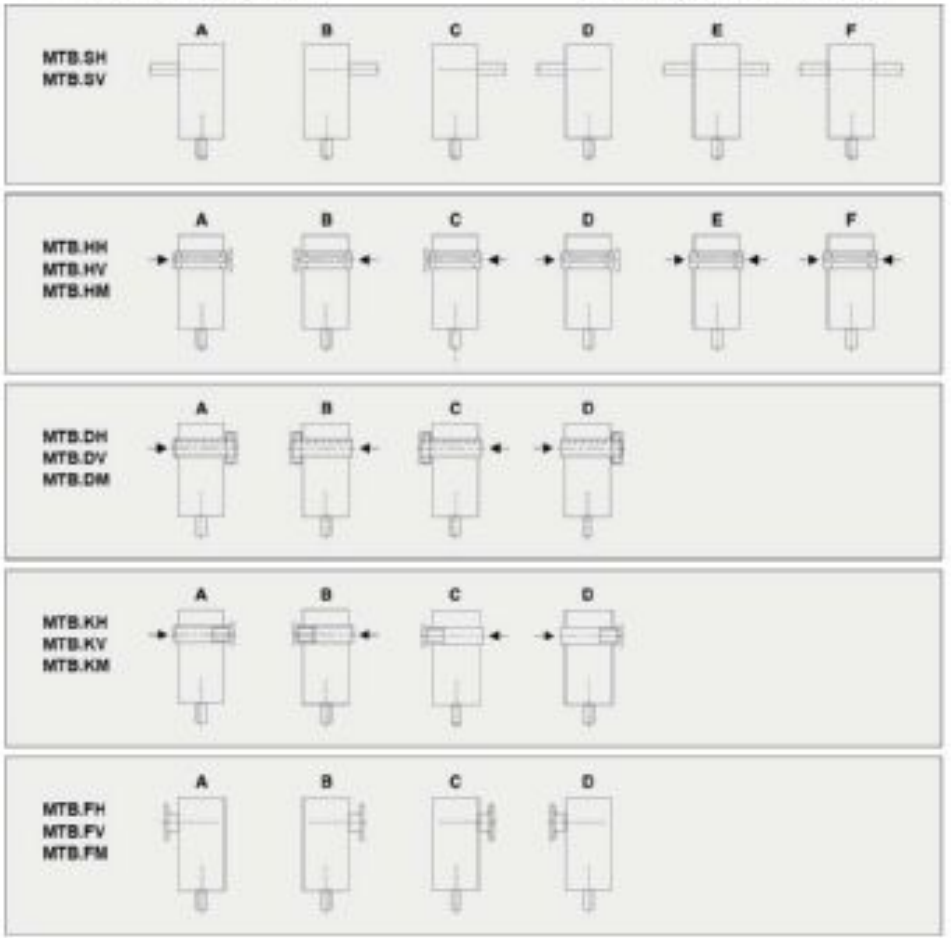
Gear Units Assemblies



→ 箭头表示工作机驱动轴插入方向
The arrow indicates the direction of insertion of the driven machine shaft

齿轮箱 布置形式 安装侧 / 齿轮箱倾斜安装或摆动

Gear Units Assemblies Attachment Side / Gear Unit Inclination



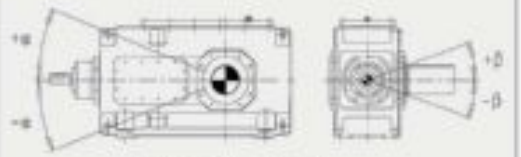
安装侧 / Attachment side

L 左侧安装 Attachment on LH side

R 右侧安装 Attachment on RH side

箭向 D_1 的输出端面
View on end face of D_1

齿轮箱倾斜安装或摆动 / Gear unit inclination

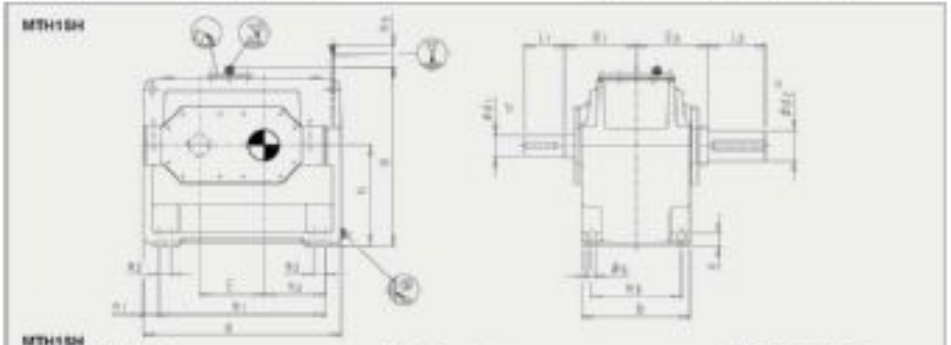


输出轴向上方，α 或 β > 0
α or β > 0, if shaft points upward

齿轮箱 单级传动 / 卧式安装
型号 MTH1SH / 规格 3-19

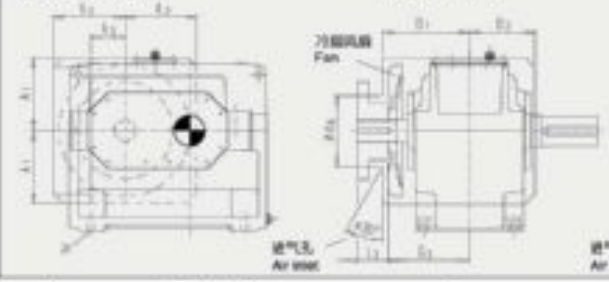
Gear Units Single Stage / Horizontal
Type MTH1SH / Sizes 3-19

MTH1SH

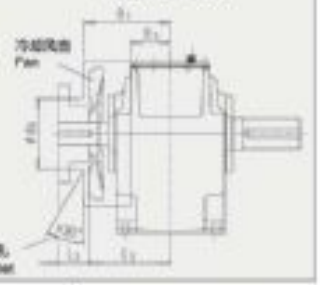


MTH1SH
带冷却风扇 / with fan

规格 / Sizes 3 - 11



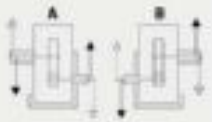
规格 / Sizes 13 - 19



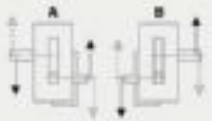
规格 Size	输入轴 / Input i_N = 1.25 - 2.8 / i_N = 1.6 - 2.8 [1]			i_N = 3.15 - 4			i_N = 4.0 - 5.6			冷却风扇 / Fan							
	d_1	l_1	l_2	d_1	l_1	l_2	d_1	l_1	l_2	G_1	G_2	A_1	A_2	A_3	B_1	B_2	B_3	d_6
3	60	125	105	45	100	80	32	80	60	170	190	550	145	80	205	130	–	130
5	65	160	130	60	135	105	50	110	80	210	240	225	215	115	255	165	–	165
7	100	200	165	75	140	105	60	140	105	250	285	255	250	120	300	230	–	245
9	110	200	165	90	165	130	75	140	105	280	315	300	265	140	330	265	–	280
11 [1]	130	240	205	110	205	170	90	170	135	325	360	360	300	160	375	320	–	350
13 [1]	150	245	200	130	245	200	100	210	165	365	410	415	350	–	430	–	150	350
15 [1]	180	290	240	150	250	200	125	250	200	380	410	500	430	–	430	–	120	450
17 [1]	200	330	280	170	290	240	140	250	200	400	450	550	430	–	470	–	150	445
19 [1]	220	340	290	190	340	290	160	300	250	440	490	630	475	–	510	–	190	445

规格 Size	齿轮箱 / Gear units													
	a	b	c	E	$h_{\pm 1}$	h_5	H	m_1	m_2	n_2	n_1	n_2	s
3	420	200	28	130	200	85	375	310	–	160	55	110	19
5	580	285	35	185	290	100	525	440		240	70	160	24
7	690	375	45	225	360	75	625	540	–	315	75	195	28
9	805	425	50	265	420	50	735	625	–	350	90	225	35
11	980	515	60	320	500	40	875	770	–	440	95	280	35
13	1100	580	70	370	580	40	1020	870	–	490	115	315	42
15	1295	545	80	442	600	10	1115	1025	–	490	135	370	46
17	1410	615	80	490	670	–	1235	1170	130	530	120	425	42
19	1590	690	90	555	780	–	1395	1290	150	590	150	465	48

布置形式
Design



规格 / Sizes 3 - 11



规格 / Sizes 13 - 19

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页

2) 在安装地脚螺栓前拆下风扇罩
*) 参考值
轴封见第 389-391 页
**) 未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50, m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372

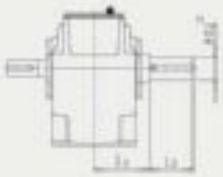
2) Remove air guide cover before fitting the foundation bolts
*) Approximate values
For shaft seals, see pages 389-391
**) Without oil filling

齿轮箱 单级传动 / 卧式安装
型号 MTH1SH / 规格 3-19

Gear Units Single Stage / Horizontal
Type MTH1SH / Sizes 3-19

输出轴 / Output

MTH1SH
实心轴
Solid shaft

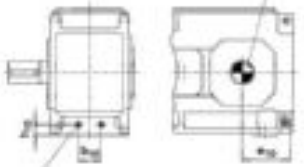


规格 Size	MTH1SH d_2	l_2	G_2
3	60	125	170
5	65	160	210
7	105	200	250
9	125	210	270
11	150	240	320
13	180	310	380
15	220	350	380
17	240	400	400
19	270	450	440

规格 Size	润滑油量 / Oil quantity (l) 1) 轴封 Shaft seal	迷宫式密封 Labyrinth seal	重量 Weight (kg) 1) *)
3	7	5.2	528
5	22	18	902
7	42	34	547
9	68	57	862
11	120	100	1515
13	175	155	2395
15	190	156	3260
17	270	225	4250
19	390	330	5800

冷却盘管 / Cooling coil

输出轴 / Output



冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"

规格 Size	b_{10}	e_{10}	h_{10}	$l_{\pm 10}$
3	48	205	74	4
5	86	270	90	4
7	124	310	135	4
9	110	365	110	8
11	148	425	130	8
13	152	480	150	8
15	172	560	130	8
17	202	600	145	8
19	另请查询 On request			

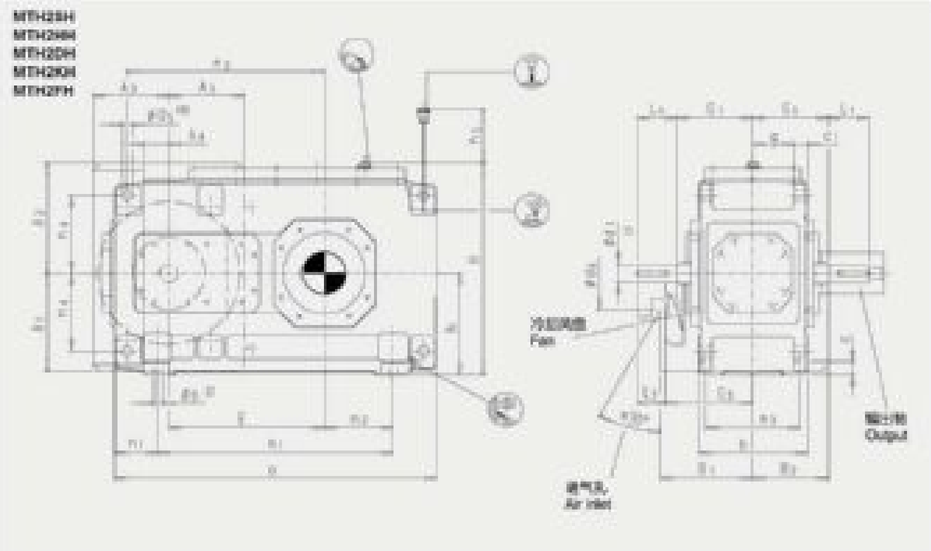
冷却盘管适用于淡水、海水和稍有咸味的水
Cooling coil suitable for fresh, sea and brackish water

*) 所需冷却水量，冷却水压最大值： 8 巴
Cooling water quantity required; max.cooling water pressure: 8 bar

齿轮箱 Gear Units

两级传动 / 卧式安装 Two Stage / Horizontal
类型 MTH2.H / 规格 4-12 Type MTH2.H / Sizes 4-12

MTH2SH
MTH2HH
MTH2DH
MTH2KH
MTH2FH

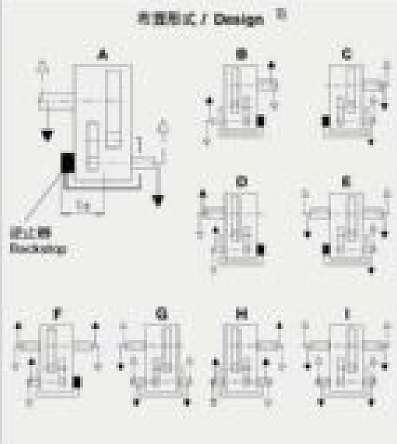


规格 Size	输入轴 / Input i_N = 6.3 - 11.2 / i_N = 8 - 14			i_N = 12.5 - 22.4 / i_N = 16 - 28					布置形式 / Design G, H, I 仅用于 / only for i_N = [3)]		冷却风扇 / Fan						
	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3			A_1	A_2	A_3	A_4	B_1	B_2	d_8
4	45	100	80	32	80	60	170	190	6.3 - 18		195	225	150	30	205	158	136
5 + 6	50	100	80	38	80	60	195	215	6.3 - 18	8 - 22.4	225	260	175	55	230	178	150
7 + 8	60	135	105	50	110	80	210	240	6.3 - 16	8 - 20	272	305	210	70	255	210	200
9 + 10	75	140	110	60	140	110	240	270	6.3 - 16	8 - 20	312	355	240	100	285	245	200
11 + 12	90	165	130	70	140	105	275	310	6.3 - 18	8 - 22.4	372	420	285	135	325	285	210

规格 Size	齿轮箱 / Gear units b	c	e_1	D_6	g	h_{-1}	m_2	n_1	n_4	s
4	215	28	30 ± 1	24	77.5	200	180	105	150	19
5 + 6	255	28	30 ± 1	24	97.5	230	220	105	180	19
7 + 8	300	35	36 ± 1	28	114	280	260	120	215	24
9 + 10	370	40	45 ± 1.5	36	140	320	320	145	245	28
11 + 12	430	50	54 ± 1.5	40	161	380	370	165	300	35

规格 Size	齿轮箱 / Gear units a	E	h_0	H	m_1	n_2	n_3	逆止器 Backstop G_8
4	565	270	110	415	355	85	345	根据要求相关尺寸 Dimensions on request
5	640	315	150	482	430	100	405	
6	720	350	150	482	510	145	440	
7	785	385	190	572	545	130	500	
8	890	430	190	582	650	190	545	
9	925	450	205	662	635	155	585	
10	1025	500	215	662	735	205	635	
11	1105	545	250	782	775	180	710	
12	1260	615	250	780	930	265	780	

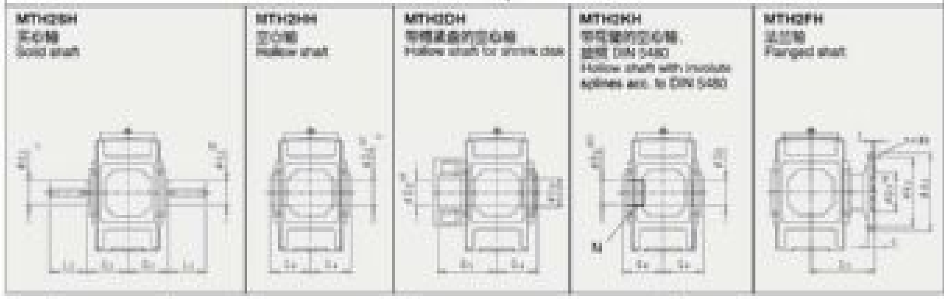
布置形式 / Design [3)]



齿轮箱 Gear Units

两级传动 / 卧式安装 Two Stage / Horizontal
类型 MTH2.H / 规格 4-12 Type MTH2.H / Sizes 4-12

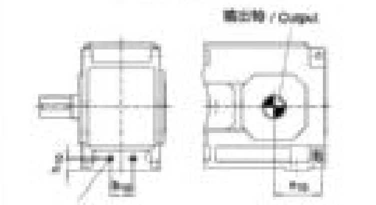
输出轴 / Output



规格 Size	MTH2SH d_2	l_2	G_2	MTH2HH D_2	G_4	MTH2DH D_2	D_3	G_4	G_5	MTH2KH N / DIN 5480	D_2	D_3	G_4	MTH2FH c	d_2	D_3	k_2	n x s	t	G_7
4	80	170	140	80	140	85	85	140	205	-	-	-	-	-	-	-	-	-	-	-
5	100	210	165	95	165	100	100	165	240	N 95 x 3 x 30 x 30 x 9H	89	100	165	25	300	150	260	16 x 22	10	255
6	110	210	165	105	165	110	110	165	240	N 95 x 3 x 30 x 30 x 9H	89	110	165	25	320	160	280	16 x 22	10	255
7	120	210	195	115	195	120	120	195	280	N 120 x 3 x 30 x 38 x 9H	114	120	195	30	370	180	320	16 x 25	10	300
8	130	250	195	125	195	130	130	195	285	N 120 x 3 x 30 x 38 x 9H	114	130	195	30	390	190	340	18 x 25	10	300
9	140	250	235	135	235	140	145	235	300	N 140 x 3 x 30 x 45 x 9H	134	145	235	38	430	220	380	20 x 26	12	350
10	160	300	235	150	235	150	155	235	350	N 140 x 3 x 30 x 45 x 9H	134	155	235	38	470	240	420	22 x 26	12	350
11	170	300	270	165	270	165	170	270	400	N 170 x 5 x 30 x 32 x 9H	160	170	270	42	510	260	450	18 x 33	12	400
12	180	300	270	180	270	180	185	270	405	N 170 x 5 x 30 x 32 x 9H	160	185	270	42	540	280	480	22 x 33	12	400

规格 Size	润滑油量 / Oil quantity (l) [*)] 轴封 Shaft seal	迷宫式密封 Labyrinth seal	重量 / Weight (kg) [*) **)] MTH2SH MTH2HH MTH2DH MTH2KH	MTH2FH
4	10	7	190	-
5	15	11	300	335
6	16	12	355	395
7	27	21	505	555
8	30	23	590	645
9	42	33	830	915
10	45	34	960	1050
11	71	56	1335	1465
12	76	60	1615	1755

冷却盘管 / Cooling coil



冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"

规格 Size	b_{10}	e_{10}	h_{10}	[4)] l/min
4	34	155	60	4
5	68	170	64	4
6	70	215	68	4
7	100	210	83	4
8	100	270	83	4
9	140	245	110	8
10	150	295	95	8
11	110	275	96	8
12	250	360	109	8

冷却盘管适用于淡水、海水和咸淡混合水
Cooling coil suitable for fresh, sea and brackish water

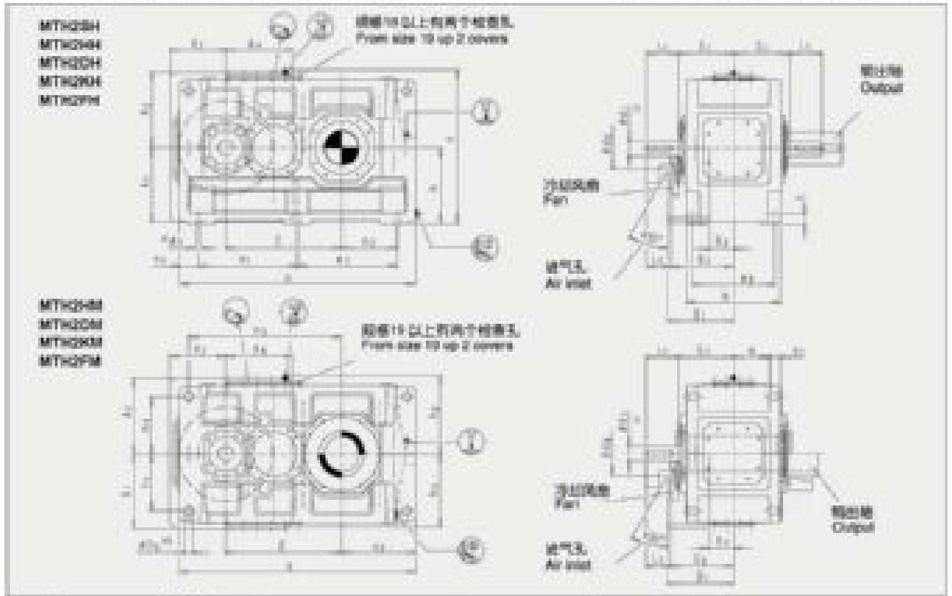
4) 所需冷却水量；冷却水压力最大值：8 巴
Cooling water quantity required; max.cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴：
• k6：≤Φ50，m6：>Φ50
• 键槽按照 GB/T1095-1979
• 有关细节见第 363-372 页
2) 在安装地脚螺栓前应先拆下风扇罩
3) 方案：
• 逆止器不能与布置形式 G、H 和 I 组合
*) 参考值
轴封见第 389-391 页
**) 未注油时

Dimensions in mm
1) Shafts:
• k6 ≤ Φ50 , m6 > Φ50
• Keyway acc. to GB/T1095-1979
• For details, see pages 363-372
2) Remove air guide cover before fitting the foundation bolts
3) Variants:
• Backstop not possible with G, H and I designs
*) Approximate values
For shaft seals, see pages 389-391
**) Without oil filling

齿轮箱 Gear Units

两级传动 / 卧式安装 Two Stage / Horizontal
规型 MTH2.H, MTH2.M / 规格 13-22
Type MTH2.H, MTH2.M / Sizes 13-22

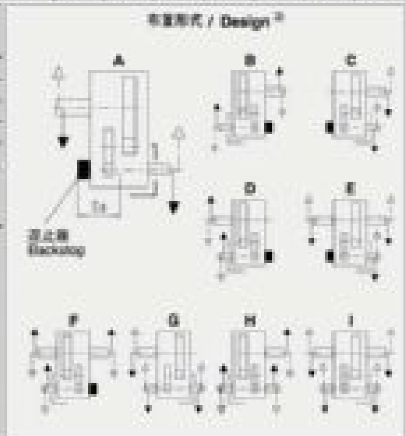


规格 Size	输入轴 / Input (i_N = 6.3 - 11.2; i_N = 7.1 - 12.5; i_N = 8 - 14)			(i_N = 12.5 - 20; i_N = 14 - 22.5; i_N = 16 - 25)					布置形式 / Design G, H, I 仅用于 / only for i_N =		冷却风扇 / Fan						
	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_2			A_1	A_2	A_3	A_4	B_1	B_2	d_3
13 + 14	100	205	170	85	170	135	330	365	6.3 - 16	8 - 20	430	460	330	360	365	135	250
15 + 16	120	210	165	100	210	165	365	410	6.3 - 16	7.1 - 18	490	500	370	440	430	155	280
17 + 18	125	245	200	110	210	165	420	465	6.3 - 16	7.1 - 18	540	565	435	505	485	140	280
19 + 20	150	245	200	120	210	165	475	520	根据用户要求提供 / On request		600	600	500	450	540	190	310
21 + 22	170	290	240	140	250	200	495	545			680	680	500	610	565	200	450

规格 Size	齿轮箱 / Gear units b	c	c_1	D_6	g	h_1	h_1	h_2	m_3	n_1	n_4	s
13 + 14	550	60	61 ± 2	48	211.5	440	450	460	475	100	340	35
15 + 16	625	70	72 ± 2	55	238	500	490	500	535	120	375	42
17 + 18	690	80	81 ± 2	55	259	550	555	560	600	135	425	42
19 + 20	790	90	91 ± 2	65	289	620	615	620	690	155	475	48
21 + 22	830	100	100 ± 2	75	310	700	665	690	720	170	520	56

规格 Size	齿轮箱 / Gear units a	a_2	E	H	m_1	m_2	n_2	n_3	逆止器 Backstop G_8
13	1290	405	638	900	545	545	306	835	敬请垂询精确尺寸 Dimensions on request
14	1430	475	708	900	545	685	376	905	
15	1550	485	762	1000	655	655	365	1005	
16	1640	530	808	1000	655	745	410	1050	
17	1740	525	860	1110	735	735	390	1145	
18	1860	585	920	1110	735	855	450	1205	
19	2010	590	997	1240	850	850	435	1345	
20	2130	650	1057	1240	850	970	495	1405	
21	2140	655	1067	1390	900	900	485	1400	
22	2250	710	1122	1390	900	1010	540	1455	

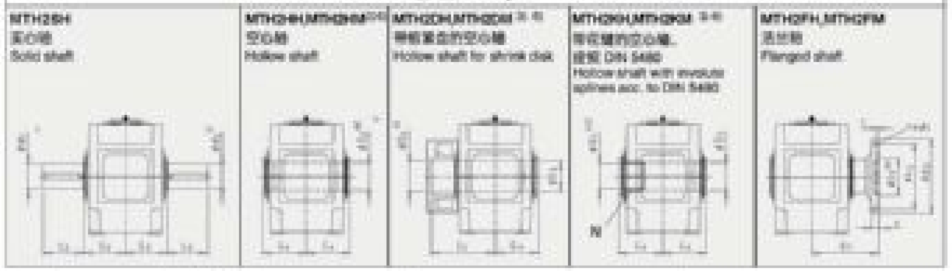
布置形式 / Design [2]



齿轮箱 Gear Units

两级传动 / 卧式安装 Two Stage / Horizontal
规型 MTH2.H, MTH2.M / 规格 13-22
Type MTH2.H, MTH2.M / Sizes 13-22

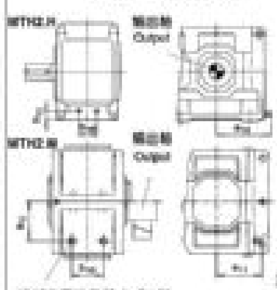
输出轴 / Output



规格 Size	MTH2SH d_2	l_2	G_3	MTH2HH MTH2HM D_2	G_4	MTH2DH,MTH2DM D_2	D_3	G_4	G_5	MTH2KH,MTH2KM N / DIN 5480	D_2	D_3	G_4	MTH2FH,MTH2FM c	d_2	D_3	k_2	n x s	t	G_7
13	200	350	305	180	335	190	195	335	480	N 180x5x30x35x8H	180	195	335	48	580	310	500	20 x 33	14	480
14	210	350	305	210	335	210	215	335	480	N 180x5x30x35x8H	180	215	335	48	620	310	540	24 x 33	14	480
15	230	410	360	230	380	230	235	380	550	N 220x5x30x42x8H	210	235	380	55	710	360	630	28 x 33	17	550
16	240	410	380	240	380	240	245	380	550	N 220x5x30x42x8H	210	245	380	55	740	395	650	30 x 33	17	550
17	250	410	415	250	415	250	260	415	600	N 250x5x30x48x8H	240	260	415	60	750	410	690	24 x 39	18	600
18	270	470	415	270	415	280	285	415	600	N 250x5x30x48x8H	240	285	415	60	800	410	710	26 x 39	18	600
19	290	470	465	-	-	285	295	465	670	敬请垂询 On request				65	880	460	770	30 x 39	18	670
20	300	500	465	-	-	310	315	465	670					65	930	460	830	32 x 39	18	670
21	320	500	490	-	-	330	335	490	715					75	950	520	850	28 x 45	20	710
22	340	550	490	-	-	340	345	490	725					75	1040	520	940	28 x 45	20	710

规格 Size	润滑油量 / Oil quantity (l) [*] MTH2.H 轴封 Shaft seal	迷宫式密封 Labyrinth seal	MTH2.M	重量 / Weight (kg) [*] [**] MTH2SH MTH2HH MTH2DH MTH2KH	MTH2HM MTH2KM MTH2DM	MTH2FH	MTH2FM
13	135	120	110	2000	1880	2150	2040
14	140	130	115	2570	2430	2740	2600
15	210	190	150	3430	3240	3670	3480
16	215	200	155	3655	3465	3910	3720
17	290	260	230	4650	4420	4950	4720
18	300	270	240	5125	4870	5475	5220
19	320	-	300	6900	6300	敬请垂询 On request	
20	340	-	320	7500	7200		
21	320	-	350	8900	8400		
22	340	-	370	9600	9200		

冷却盘管 / Cooling coil



规格 Size	D_{R0}	a_{R0}	a_{R1}	h_{R0}	h_{R1}	l / min [5]
13	252	455	335	116	300	8
14	252	525	405	116	300	8
15	290	535	395	119	335	8
16	290	580	440	119	335	8
17	340	575	425	134	380	8
18	340	635	485	134	380	8
19	敬请垂询 On request					
20						
21						
22						

冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"

冷却盘管适用于淡水、海水和咸淡水
Cooling coil suitable for fresh, sea and brackish water

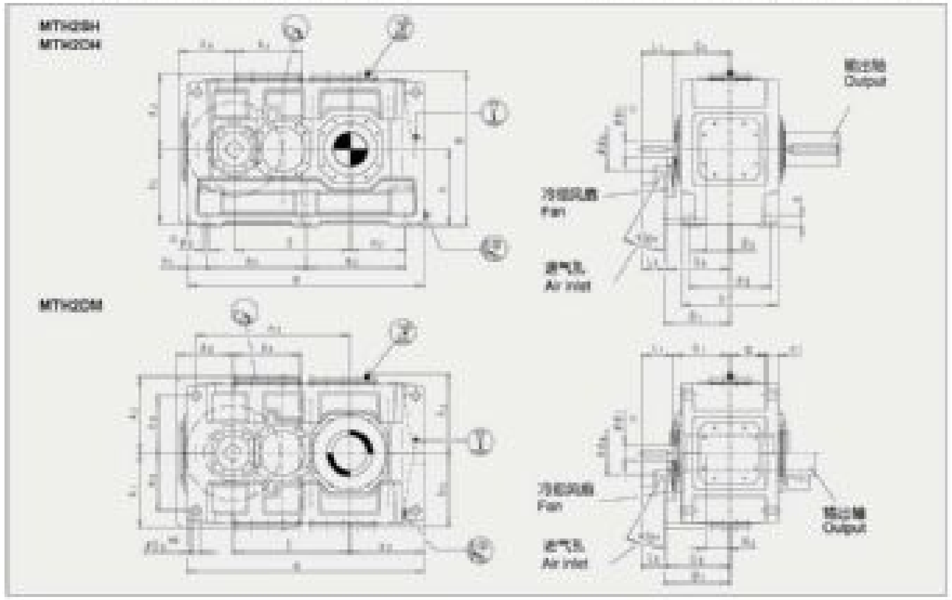
a) 所需冷却水量,冷却水压力最大值, 8 巴
Cooling water quantity required; max.cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴:
- k6 ≤ Φ50 , m6 > Φ50
- 键槽按照 GB/T1095-1079
- 有关细节见第 353-372 页
2) 在安装地脚螺栓前先拆下风扇罩
3) 方案:
- 逆止器不能与布置形式 G、H 和 I 组合
- 轴装式齿轮箱(MTH2.M)不能配置迷宫式密封
6) 规格 13 和 15 : 仅用于 i_N = 6.3-18
规格 17 和 19 : 仅用于 i_N = 6.3-16
*) 参考值
轴封见第 389-391 页
**) 未注润滑

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50 , m6 > Φ50
- Keyway acc. to GB/T1095-1079
- For details, see pages 353-372
2) Remove air guide cover before fitting the foundation bolts
3) Variants:
- Backstop not possible with G, H and I designs
- Shaft-mounted gear unit (MTH2.M) not with labyrinth seal
6) Sizes 13 and 15 : only i_N = 6.3-18
Sizes 17 and 19 : only i_N = 6.3-16
*) Approximate values
For shaft seals, see pages 389-391
**) Without oil filling

齿轮箱 Gear Units

两级传动 / 卧式安装 Two Stage / Horizontal
类型 MTH2.H, MTH2DM / 规格 23-26 Type MTH2.H, MTH2DM / Sizes 23-26

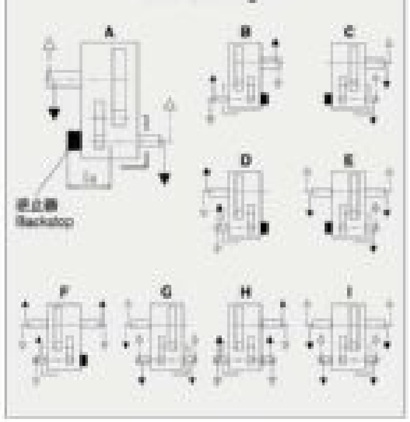


规格 Size	输入轴 / Input								布置形式 / Design G, H, I 仅用于 / only for i_N = [3]	冷却风扇 / Fan						
	i_N = 6.3 - 11.2 / i_N = 7.1 - 12.5			i_N = 12.5 - 20 / i_N = 14 - 22.5												
	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3		A_1	A_2	A_3	A_4	B_1	B_2	d_8
23 + 24	190	300	280	150	250	260	560	610	敬请垂询 On request	770	770	550	550	600	220	450
25 + 26	200	340	290	170	300	250	600	650		845	865	550	550	670	240	450

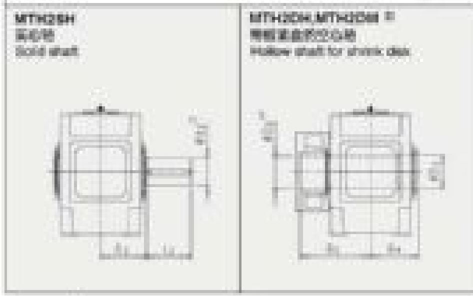
规格 Size	齿轮箱 / Gear units											
	b	c	d_1	D_6	g	h_{-1}	h_1	h_2	m_3	n_1	n_4	s
23 + 24	930	115	120±2	80	340	780	770	770	810	180	560	56
25 + 26	1045	130	120±2	90	400	860	860	860	910	200	650	66

规格 Size	齿轮箱 / Gear units								逆止器 Backstop G_6
	a	e_2	E	H	m_1	m_2	n_2	n_3	
23	2380	730	1185	1550	1010	1010	550	1560	敬请垂询相关尺寸 Dimensions on request
24	2510	795	1250	1550	1010	1140	615	1625	
25	2580	790	1325	1720	1090	1090	590	1685	
26	2760	880	1415	1720	1090	1270	680	1775	

布置形式 / Design [3]



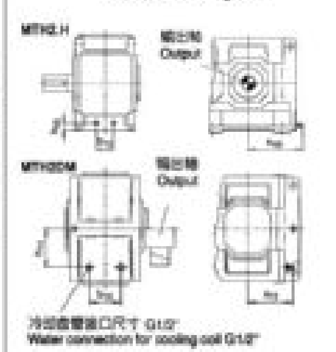
输出轴 / Output



规格 Size	MTH2SH			MTH2DH,MTH2DM			
	d_2	l_2	G_2	D_2	D_3	G_4	G_5
23	360	590	540	360	365	540	765
24	380	590	540	380	385	540	805
25	400	650	605	400	405	605	875
26	420	650	605	430	435	605	900

规格 Size	润滑油量 Oil quantity (l) *)		重量 Weight (kg) *) **)	
	MTH2SH	MTH2DM	MTH2SH MTH2DH	MTH2DM
23	430	470	11600	11000
24	450	500	13000	12300
25	600	660	15500	14700
26	640	700	17200	16200

冷却盘管 / Cooling coil



规格 Size	b_{10}	e_{10}	e_{11}	h_{10}	h_{11}	*)
23	敬请垂询 On request					
24						
25						
26						

冷却盘管适用于淡水、海水和稍有咸味的水
Cooling coil suitable for fresh, sea and brackish water

*) 所需冷却水量，冷却水压力最大值 8 巴
Cooling water quantity required; max. cooling water pressure: 8 bar

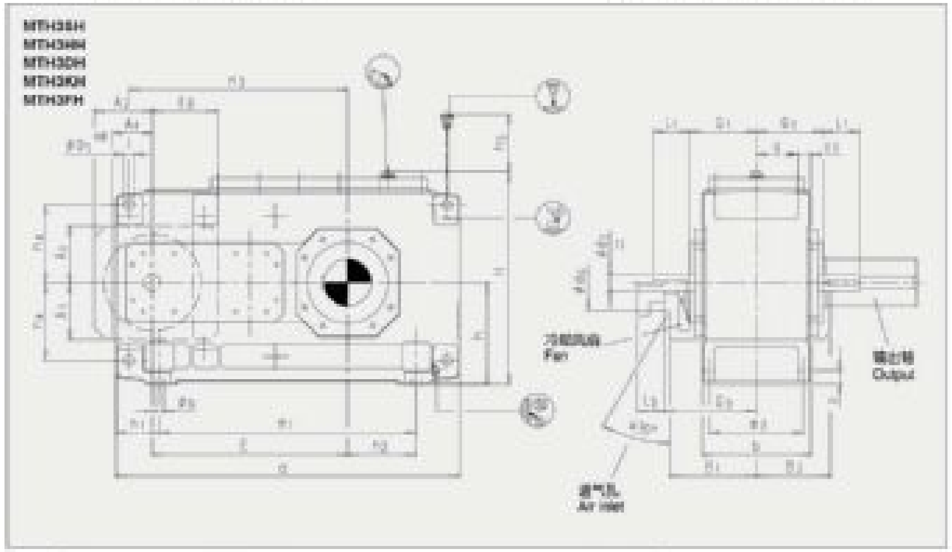
尺寸以mm为单位
1) 轴：
- k6 < Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关资料见第 363-372 页
2) 在安装地脚螺栓前应先拆下风扇罩
3) 方案：
- 逆止器不能与布置形式 G、H 和 I 组合
- 轴装式齿轮箱(MTH2DM)不能配置迷宫式密封
*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50 , m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372
2) Remove air guide cover before fitting the foundation bolts
3) Variants:
- Backstop not possible with G, H and I designs
- Shaft-mounted gear unit (MTH2.M) not with labyrinth seal
*) Approximate values
**) Without oil filling

齿轮箱 三级传动 / 卧式安装 类型 MTH3.H / 规格 5-12

Gear Units Three Stage / Horizontal Type MTH3.H / Sizes 5-12

MTH3SH
MTH3HH
MTH3DH
MTH3KH
MTH3FH

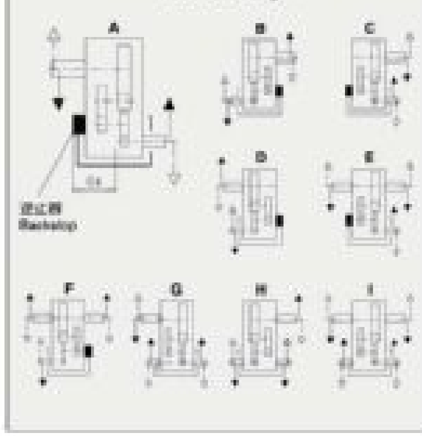


规格 Size	输入轴 / Input											布置形式 / Design G, H, I 仅用于 / only for i_N = [3]		冷却风扇 / Fan						
	i_N = 25 - 45 / i_N = 31.5 - 56			i_N = 50 - 63 / i_N = 63 - 80			i_N = 71 - 90 / i_N = 90 - 112													
	d_1	l_1	l_3	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3			A_1	A_2	A_3	A_4	B_1	B_2	d_8
5 + 6	40	70	70	30	50	50	24	40	40	190	220	25 - 90	31.5 - 112	137	130	140	140	215	175	60
7 + 8	45	80	80	35	60	60	28	50	50	185	250	25 - 90	31.5 - 112	157	150	180	180	245	205	75
9 + 10	60	125	105	45	100	80	32	60	60	230	300	25 - 90	31.5 - 112	182	190	205	205	295	240	90
11 + 12	70	120	120	50	80	80	40	70	70	255	330	25 - 90	31.5 - 112	218	220	255	255	325	280	106

规格 Size	齿轮箱 / Gear units									
	b	c	e_1	D_6	g	h_{-1}	m_2	n_1	n_4	s
5 + 6	255	28	30 ± 1	24	97.5	230	220	105	180	19
7 + 8	300	35	36 ± 1	28	114	280	260	130	215	24
9 + 10	370	40	45 ± 1.5	36	140	320	320	145	245	28
11 + 12	430	50	54 ± 1.5	40	161	380	370	165	300	35

规格 Size	齿轮箱 / Gear units							逆止器 Backstop G_6
	a	E	a_6	H	m_1	n_2	n_3	
5	690	405	130	482	480	100	455	敬请垂询 相关尺寸 Dimensions on request
6	770	440	130	482	560	145	480	
7	845	495	170	572	605	130	560	
8	950	540	160	582	710	190	605	
9	1000	580	185	662	710	155	660	
10	1100	630	185	662	810	205	710	
11	1200	705	180	762	870	160	805	
12	1355	775	170	790	1025	255	875	

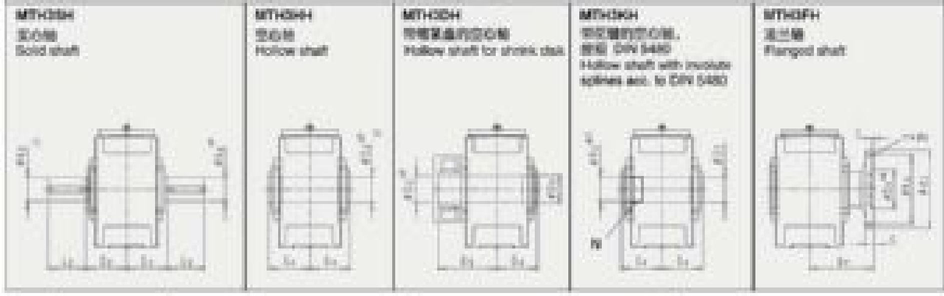
布置形式 / Design [3]



齿轮箱 三级传动 / 卧式安装 类型 MTH3.H / 规格 5-12

Gear Units Three Stage / Horizontal Type MTH3.H / Sizes 5-12

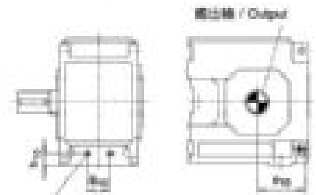
输出轴 / Output



规格 Size	MTH3SH			MTH3HH		MTH3DH				MTH3KH				MTH3FH						
	d_2	l_2	G_2	D_2	G_4	D_2	D_3	G_4	G_5	N / DIN 5480	G_2	D_3	G_4	c	d_6	D_3	k_2	n x s	t	G_7
5	100	210	165	95	165	100	100	165	240	N 95x3x30x30x9H	89	100	165	25	300	150	260	16x22	10	255
6	110	210	165	105	165	110	110	165	240	N 95x3x30x30x9H	89	110	165	25	320	160	280	16x22	10	255
7	120	210	195	115	195	120	120	195	280	N 120x3x30x38x9H	114	120	195	30	370	180	320	16x26	10	300
8	130	250	195	125	195	130	130	195	285	N 120x3x30x38x9H	114	130	195	30	390	190	340	16x26	10	300
9	140	250	235	135	235	140	145	235	330	N 140x3x30x45x9H	134	145	235	38	430	220	380	20x26	12	350
10	160	300	235	150	235	150	155	235	350	N 140x3x30x45x9H	134	155	235	38	470	240	420	22x26	12	350
11	170	300	270	165	270	165	170	270	400	N 170x5x30x32x9H	160	170	270	42	510	260	450	16x33	12	400
12	180	300	270	180	270	180	185	270	405	N 170x5x30x32x9H	160	185	270	42	540	280	480	22x33	12	400

规格 Size	润滑油量 Oil quantity (l) *)	重量 / Weight (kg) *) **)	
		MTH3SH MTH3HH MTH3DH MTH3KH	MTH3FH
5	16	320	355
6	18	365	405
7	29	540	590
8	32	625	675
9	48	875	960
10	49	1020	1110
11	85	1400	1530
12	90	1675	1815

冷却盘管 / Cooling coil



冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"

冷却盘管适用于淡水、海水和略有咸味的水
Cooling coil suitable for fresh, sea and brackish water

规格 Size	a_{10}	a_{16}	h_{10}	4) l / min
5	70	175	60	4
6	70	200	69	4
7	80	210	83	4
8	80	270	83	4
9	150	245	107	4
10	90	295	95	4
11	200	275	115	8
12	200	360	115	8

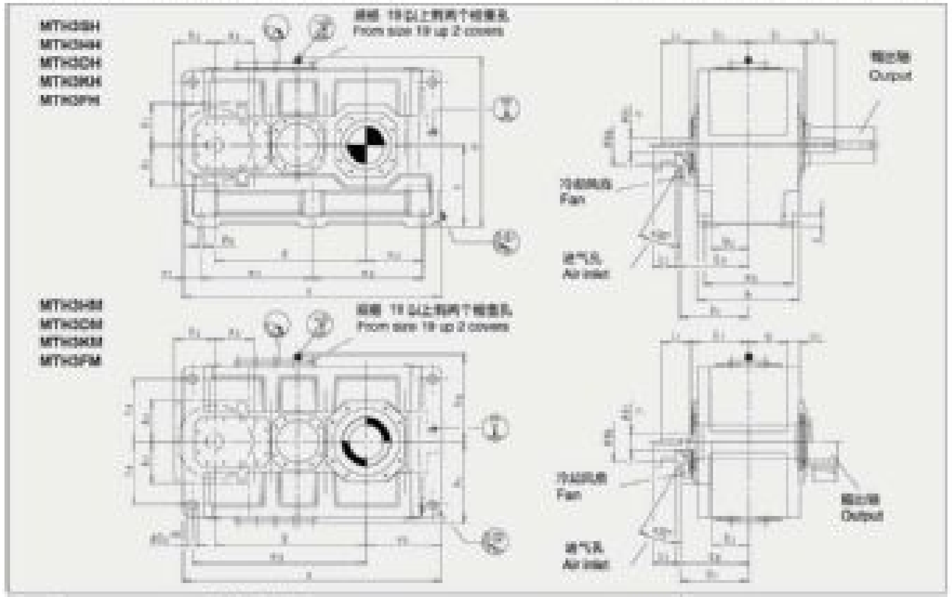
4) 所需冷却水量，冷却水压力最大值：8 巴
Cooling water quantity required; max cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 303-372 页
2) 在安装地脚螺栓前先拆下风扇罩
3) 方案：
- 逆止器不能与布置形式 G、H 和 I 组合
*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50, m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 303-372
2) Remove air guide cover before fitting the foundation bolts
3) Variants:
- Backstop not possible with G, H and I designs
*) Approximate values
**) Without oil filling

齿轮箱 三级传动 / 卧式安装 类型 MTH3.H, MTH3.M / 规格 13-22

Gear Units Three Stage / Horizontal Type MTH3.H, MTH3.M / Sizes 13-22

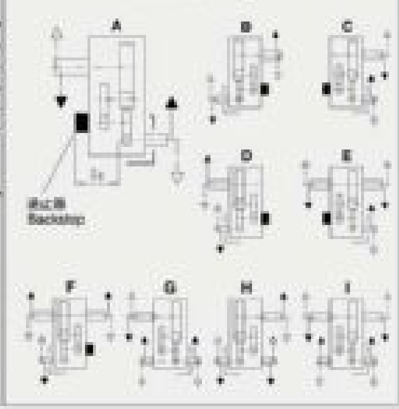


规格 Size	输入轴 / Input i_N = 22.4 - 45, i_N = 25 - 50, [illegible]			i_N = 50 - 63, i_N = 56 - 71, [illegible]			i_N = 71 - 90, i_N = 80 - 100, [illegible]					布置形式 / Design G, H, I 仅用于 / only for i_N =		冷却风扇 / Fan					
	d_1	l_1	l_3	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3			A_1	A_2	A_3	B_1	B_2	d_6
13 + 14	80	160	130	60	135	105	50	110	80	310	365	22.4 - 90	[illegible]	225	225	212	380	195	120
15 + 16	100	200	165	75	140	105	60	140	105	350	420	22.4 - 90	25 - 100	276	266	252	415	205	150
17 + 18	100	200	165	75	140	105	60	140	105	380	450	22.4 - 90	25 - 100	276	266	252	455	235	150
19 + 20	110	200	-	90	165	-	75	140	-	430	-	敬请垂询 / On request							
21 + 22	130	240	-	110	205	-	90	170	-	470	-								

规格 Size	齿轮箱 / Gear units b	c	c_1	D_6	g	h_G	h_1	h_2	m_3	n_1	n_4	s
13 + 14	550	60	61 ±2	48	211.5	440	450	460	475	100	340	35
15 + 16	625	70	72 ±2	55	236	500	490	500	535	120	375	42
17 + 18	690	80	81 ±2	55	259	560	555	560	600	135	425	42
19 + 20	760	90	91 ±2	65	299	620	615	620	690	155	475	48
21 + 22	830	100	100 ±2	75	310	700	665	690	720	170	520	56

规格 Size	齿轮箱 / Gear units a	a_2	E	H	m_1	m_2	n_2	n_3	逆止器 Backstop G_6
13	1395	405	829	960	597.5	597.5	305	940	敬请垂询 额外尺寸 Dimensions on request
14	1535	475	899	960	597.5	737.5	375	1010	
15	1680	485	987	1060	720	720	365	1135	
16	1770	530	1030	1060	720	810	410	1180	
17	1770	525	1036	1110	750	750	390	1175	
18	1890	585	1096	1110	750	870	450	1235	
19	2030	590	1190	1240	860	860	435	1365	
20	2150	650	1250	1240	860	980	495	1425	
21	2340	655	1387	1360	1000	1000	485	1600	
22	2450	710	1442	1360	1000	1110	540	1655	

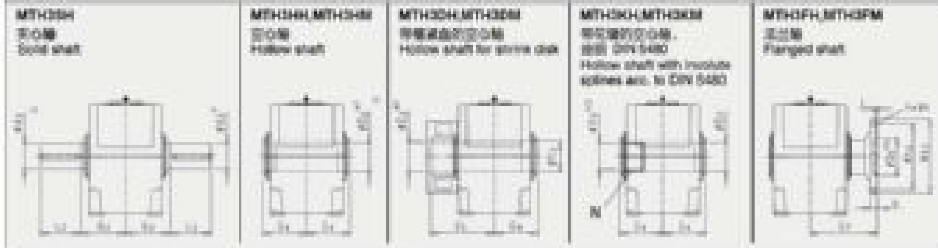
布置形式 / Design [3]



齿轮箱 三级传动 / 卧式安装 类型 MTH3.H, MTH3.M / 规格 13-22

Gear Units Three Stage / Horizontal Type MTH3.H, MTH3.M / Sizes 13-22

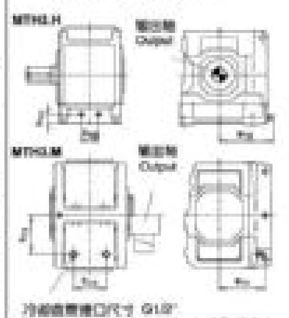
输出轴 / Output



规格 Size	MTH3SH d_2	l_2	G_2	MTH3HH MTH3HM D_2	G_4	MTH3DH, MTH3DM D_2	D_3	G_4	G_5	MTH3KH, MTH3KM N / DIN 5480	D_2	D_3	G_4	MTH3FH, MTH3FM c	d_3	D_3	k_2	n x s	t	G_7
13	200	350	305	190	335	190	195	335	440	N 190x5x30x36x9H	180	195	335	48	560	310	500	20 x 33	14	460
14	210	350	305	210	335	210	215	335	460	N 190x5x30x36x9H	180	215	335	48	620	310	540	24 x 33	14	460
15	230	410	380	230	380	230	235	380	550	N 220x5x30x42x9H	210	235	380	55	710	360	630	28 x 33	17	550
16	240	410	380	240	380	240	245	380	550	N 220x5x30x42x9H	210	245	380	55	740	360	650	30 x 33	17	550
17	250	410	415	250	415	250	260	415	600	N 250x5x30x48x9H	240	260	415	60	750	410	650	24 x 39	18	600
18	270	470	415	275	415	280	285	415	600	N 250x5x30x48x9H	240	285	415	60	800	410	710	28 x 39	18	600
19	290	470	460	-	-	285	295	465	670	敬请垂询 On request				65	860	460	770	30 x 39	18	670
20	300	500	465	-	-	310	315	465	670					65	930	460	830	32 x 39	18	670
21	320	500	490	-	-	330	335	490	715					75	950	520	850	28 x 45	20	710
22	340	550	490	-	-	340	345	490	725					75	1040	520	940	28 x 45	20	710

规格 Size	润滑油量 / Oil quantity (l) [*] MTH3.H	MTH3.M	重量 / Weight (kg) [*) **)] MTH3SH MTH3HH MTH3DH MTH3KH	MTH3HM MTH3KM MTH3DM	MTH3FH	MTH3FM
13	160	125	2295	2155	2455	2305
14	165	130	2625	2490	2795	2660
15	235	190	3475	3260	3715	3500
16	245	195	3675	3625	4130	3880
17	305	240	4560	4250	4860	4550
18	315	250	5030	4740	5380	5090
19	420	300	6700	6200	敬请垂询 On request	
20	450	415	8100	7600		
21	470	515	9100	8500		
22	490	540	9600	9300		

冷却盘管 / Cooling coil



冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"

规格 Size	b_{10}	e_{10}	e_{11}	h_{10}	h_{11}	l/min
13	252	460	335	118	300	8
14	252	530	405	118	300	8
15	290	540	395	119	335	8
16	290	555	440	119	335	8
17	300	590	425	134	380	8
18	300	640	465	134	380	8
19	敬请垂询 On request					
20						
21						
22						

冷却盘管适用于淡水、海水和咸淡水 / Cooling coil suitable for fresh, sea and brackish water

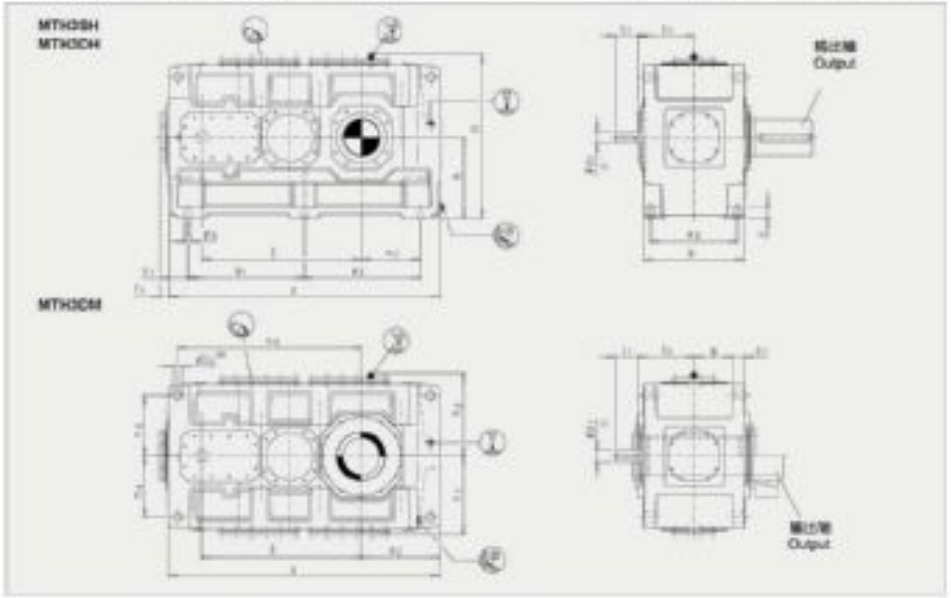
*) 所需冷却水量,冷却水压力最大值: 8 巴
Cooling water quantity required; max.cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴:
- k6≤Φ50, m6>Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 303-372 页
2) 在安装地脚螺栓时先拆下风罩
3) 方案:
- 逆止器不能与布置形式 G、H 和 I 组合
*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50 , m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 303-372
2) Remove air guide cover before fitting the foundation bolts
3) Variants:
- Backstop not possible with G, H and I designs
*) Approximate values
**) Without oil filling

齿轮箱 三级传动 / 卧式安装
型号 MTH3.H, MTH3DM / 规格 23-26

Gear Units Three Stage / Horizontal
Type MTH3.H, MTH3DM / Sizes 23-26



规格 Size	输入轴 / Input i_M = 22.4 - 45, i_M = 25 - 50 d_1	l_1	i_M = 50 - 63, i_M = 56 - 71 d_1	l_1	i_M = 71 - 90, i_M = 80 - 100 d_1	l_1	G_1	3) 布置形式 / Design G, H, I 仅限于 / only for i_M =
23 + 24	130	240	110	205	90	170	510	敬请咨询 On request
25 + 26	150	245	130	245	100	210	570	

规格 Size	齿轮箱 / Gear units b	c	c_1	D_3	g	h_{-1}	h_1	h_2	m_3	n_1	n_4	s
23 + 24	930	155	120±2	80	342	780	770	790	810	160	380	56
25 + 26	1045	136	120±2	90	400	880	860	860	910	200	660	66

规格 Size	齿轮箱 / Gear units a	a_2	E	f_1	H	m_1	m_2	n_2	n_3	逆止器 Backstop G_2
23	2530	730	1585	35	1570	1085	1085	550	1725	敬请咨询 Dimensions on request
24	2660	795	1570	35	1570	1085	1215	615	1790	
25	2830	790	1695	65	1720	1215	1215	590	1965	
26	3010	880	1785	65	1720	1215	1395	680	2055	

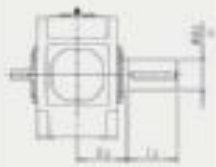
齿轮形式 / Design 3)

齿轮箱 三级传动 / 卧式安装
型号 MTH3.H, MTH3DM / 规格 23-26

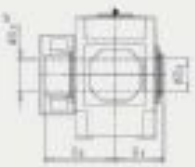
Gear Units Three Stage / Horizontal
Type MTH3.H, MTH3DM / Sizes 23-26

输出轴 / Output

MTH3SH 实心轴 Solid shaft



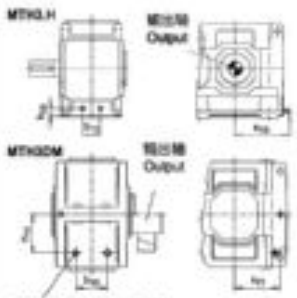
MTH3DH,MTH3DM 带轮装盘的空心轴 Hollow shaft for shrink disc



规格 Size	MTH3SH d_2	l_2	G_2	MTH3DH,MTH3DM D_3	D_2	G_4	G_5
23	360	590	540	360	365	540	785
24	380	590	540	380	385	540	805
25	400	650	605	400	405	605	875
26	420	650	605	430	435	605	900

规格 Size	润滑油量 Oil quantity (l) *) MTH3SH	MTH3DM	重量 Weight [kg] *) MTH3SH MTH3DH	MTH3DM
23	620	690	11500	10800
24	690	725	13400	12500
25	880	970	16100	15200
26	935	1030	17800	16500

冷却盘管 / Cooling coil



冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"

规格 Size	D_{10}	G_{10}	e_{11}	h_{10}	h_{11}	x) l / min
23	敬请咨询 On request					
24						
25						
26						

冷却盘管适用于淡水，海水和略有咸味的水
Cooling coil suitable for fresh, sea and brackish water

x) 所需冷却水量，冷却水压力最大值=6巴
Cooling water quantity required; max. cooling water pressure: 6 bar

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页

3) 方案：
- 逆止器不能与标准形式 G、H 和 I 组合

*) 参考值
**) 未注油时

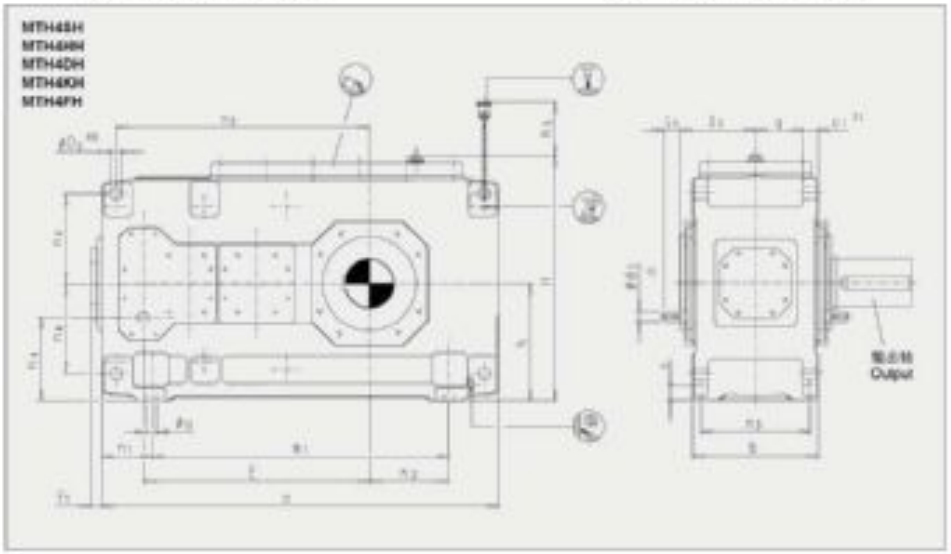
Dimensions in mm
1) Shafts:
- k6 ≤ Φ50, m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372

3) Variants
- Backstop not possible with G, H and I designs

*) Approximate values
**) Without oil filling

齿轮箱 四级传动 / 卧式安装
Gear Units Four Stage / Horizontal

型号 MTH4.H / 规格 7-12
Type MTH4.H / Sizes 7-12

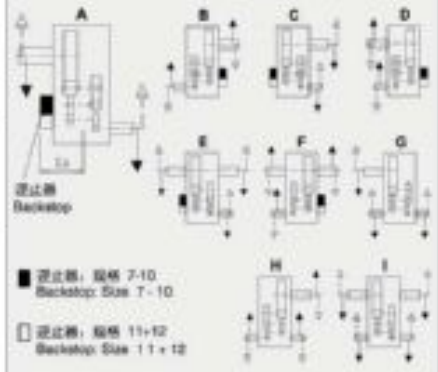


规格 Size	输入轴 / Input i_N = 100 - 180 / i_N = 125 - 224 d_1	l_1	i_N = 200 - 355 / i_N = 250 - 450 d_1	l_1	G_1	2) 布置形式 / Design G,H,I 仅限于 / only for i_N =	
7 + 8	30	50	24	40	180	100 - 224	125 - 280
9 + 10	35	60	28	50	215	100 - 250	125 - 315
11 + 12	45	100	32	80	250	100 - 250	125 - 315

规格 Size	齿轮箱 / Gear units b	c	c_1	D_3	g	$\frac{h}{2}$	h_4	m_3	n_1	n_4	s
7 + 8	300	35	36 ± 1	28	114	280	200	260	120	215	24
9 + 10	370	40	45 ± 1.5	36	140	320	230	320	145	245	28
11 + 12	430	50	54 ± 1.5	40	161	380	270	370	165	300	35

规格 Size	齿轮箱 / Gear units a	E	f_1	h_5	H	m_1	n_2	n_3	逆止器 Backstop G_2
7	845	495	37	140	572	605	130	560	根据客户相关尺寸 Dimensions on request
8	960	540	37	140	582	710	190	605	
9	1000	580	43	150	662	710	155	660	
10	1100	630	43	150	662	810	205	710	
11	1200	705	47	165	762	870	180	805	
12	1355	775	47	165	790	1025	265	875	

布置形式 / Design



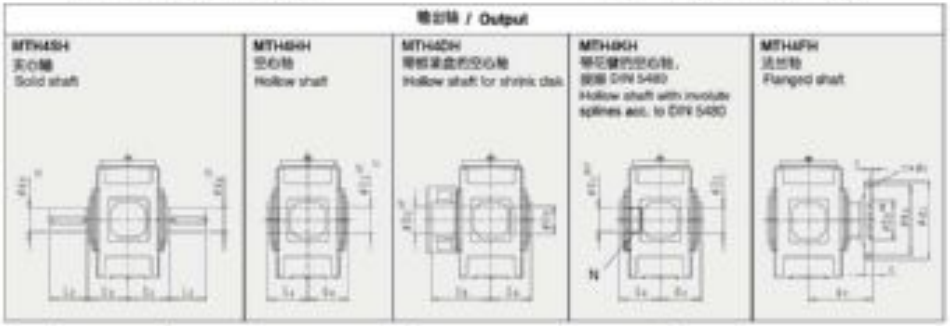
■ 逆止器，规格 7-10
Backstop: Size 7 - 10

□ 逆止器，规格 11+12
Backstop: Size 11 + 12

齿轮箱 四级传动 / 卧式安装
Gear Units Four Stage / Horizontal

型号 MTH4.H / 规格 7-12
Type MTH4.H / Sizes 7-12

输出轴 / Output



规格 Size	MTH4SH d_2	l_2	G_2	MTH4HH D_3	G_4	MTH4DH D_3	D_5	G_4	G_5	MTH4KH N / DIN 5480	D_2	D_3	G_4	MTH4FH c	d_2	D_3	k_2	n x s	t	G_7
7	120	210	195	115	195	120	120	195	280	N 120x3x30x36x9H	114	129	195	30	370	180	320	16 x 26	10	300
8	130	250	195	125	195	130	130	195	285	N 120x3x30x36x9H	114	139	195	30	390	190	340	18 x 26	10	300
9	140	250	235	135	235	140	145	235	330	N 140x3x30x45x9H	134	149	235	38	430	220	380	20 x 26	12	350
10	160	300	235	150	235	150	155	235	350	N 140x3x30x45x9H	134	155	235	38	470	240	420	22 x 26	12	350
11	170	300	270	165	270	165	170	270	400	N 170x5x30x32x9H	160	179	270	42	510	260	450	18 x 33	12	400
12	180	300	270	180	270	180	185	270	405	N 170x5x30x32x9H	160	185	270	42	540	280	480	22 x 33	12	400

规格 Size	润滑油量 Oil quantity (l) *)	重量 Weight (kg) *) **) MTH4SH MTH4HH MTH4DH MTH4KH	MTH4FH
7	20	560	600
8	27	645	700
9	48	875	960
10	60	1010	1100
11	80	1460	1590
12	87	1725	1865

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页

3) 方案：
- 逆止器不能与布置形式 G、H 和 I 组合

*) 参考值
**) 未注油时

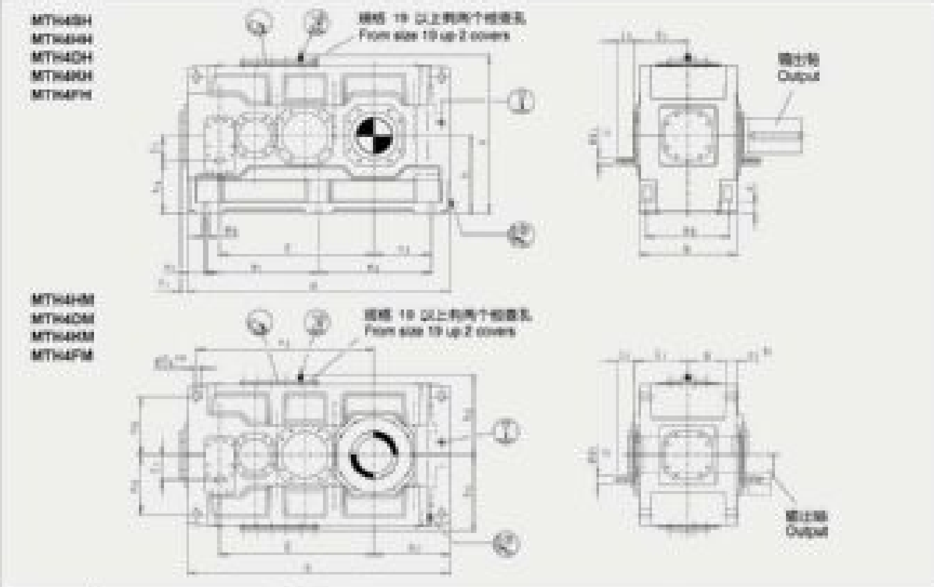
Dimensions in mm
1) Shafts:
- k6 ≤ Φ50 , m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372

3) Variants:
- Backstop not possible with G, H and I designs

*) Approximate values
**) Without oil filling

齿轮箱 四级传动 / 卧式安装 类型 MTH4.H, MTH4.M / 规格 13-22

Gear Units Four Stage / Horizontal Type MTH4.H, MTH4.M / Sizes 13-22

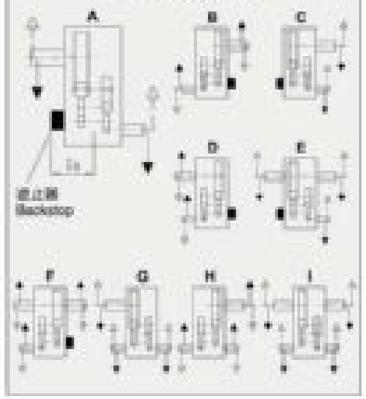


规格 Size	输入轴 / Input i_N = 100 - 180, i_N = 112 - 200, i_N = 100 - 224: d_1	l_1	i_N = 200 - 355, i_N = 224 - 400, i_N = 250 - 450: d_1	l_1	G_1	布置形式 / Design G,H,I 仅用于 / only for i_N =	
13 + 14	50	100	38	80	305	100 - 250	125 - 315
15 + 16	60	135	50	110	345	100 - 250	112 - 280
17 + 18	60	105	50	80	380	–	–
19 + 20	75	105	60	105	440	–	–
21 + 22	90	165	70	140	460	–	–

规格 Size	齿轮箱 / Gear units: b	c	c_1	D_6	g	h_{c2}	h_5	h_4	l_5	m_3	n_1	n_4	s
13 + 14	550	60	61 x 2	48	211.5	440	450	310	460	475	100	340	35
15 + 16	625	70	72 x 2	55	238	500	490	340	500	505	120	375	42
17 + 18	690	80	81 x 2	55	259	590	555	390	560	600	135	425	42
19 + 20	700	90	91 x 2	65	299	620	615	435	620	690	155	475	48
21 + 22	830	100	100 x 2	75	310	700	685	475	690	720	170	520	56

规格 Size	齿轮箱 / Gear units: a	e_2	E	E_1	f_1	H	m_1	m_2	n_2	n_3	逆止器 Backstop G_8
13	1365	405	820	130	47	900	597.5	597.5	305	940	按需要询 给出尺寸 Dimensions on request
14	1535	475	890	130	47	900	597.5	737.5	375	1050	
15	1680	485	987	160	56	1000	720	720	365	1135	
16	1770	530	1033	160	56	1000	720	810	410	1180	
17	1770	525	1035	160	53	1110	750	750	380	1175	
18	1890	585	1095	160	53	1110	750	870	450	1235	
19	2030	590	1190	185	53	1240	860	860	435	1365	
20	2150	650	1250	185	53	1240	860	980	495	1425	
21	2340	655	1387	225	62	1390	1000	1000	485	1600	
22	2450	710	1442	225	62	1390	1000	1110	540	1655	

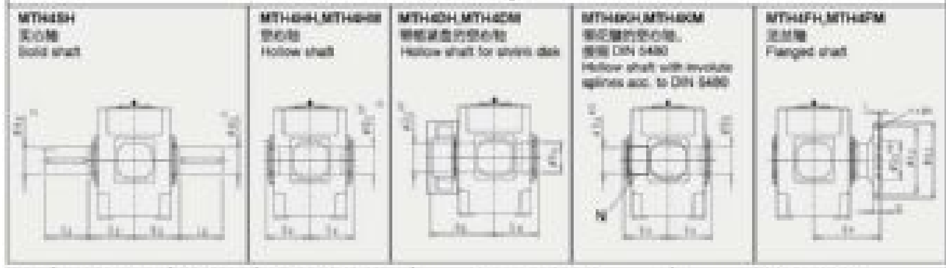
布置形式 / Design



齿轮箱 四级传动 / 卧式安装 类型 MTH4.H, MTH4.M / 规格 13-22

Gear Units Four Stage / Horizontal Type MTH4.H, MTH4.M / Sizes 13-22

输出轴 / Output



规格 Size	MTH4SH d_2	l_2	G_2	MTH4HH MTH4HM D_2	G_4	MTH4DH, MTH4DM D_2	D_3	G_4	G_5	MTH4KH, MTH4KM N / DIN 5480	D_2	D_3	G_4	MTH4FH, MTH4FM c	d_F	D_3	k_2	n x s	t	G_7
13	200	350	335	180	335	190	195	335	480	N 180x5x30x34x9H	180	195	335	48	580	310	500	20 x 33	14	480
14	210	350	335	210	335	210	215	335	480	N 180x5x30x34x9H	180	215	335	48	620	310	540	24 x 33	14	480
15	230	410	380	230	380	230	235	380	550	N 220x5x30x42x9H	210	235	380	55	715	360	630	28 x 33	17	550
16	240	410	380	240	380	240	245	380	550	N 220x5x30x42x9H	210	245	380	55	740	360	660	30 x 33	17	550
17	250	410	415	250	415	250	260	415	600	N 250x5x30x48x9H	240	260	415	60	750	410	660	24 x 39	18	600
18	270	470	415	275	415	280	285	415	600	N 250x5x30x48x9H	240	285	415	60	800	410	710	26 x 39	18	600
19	290	470	465	–	–	285	295	465	670	需询要询 On request				65	860	460	770	30 x 39	18	670
20	300	500	465	–	–	310	315	465	670					65	930	460	830	32 x 39	18	670
21	320	500	490	–	–	330	335	490	715					75	950	520	850	28 x 45	20	710
22	340	550	490	–	–	340	345	490	725					75	1040	520	940	28 x 45	20	710

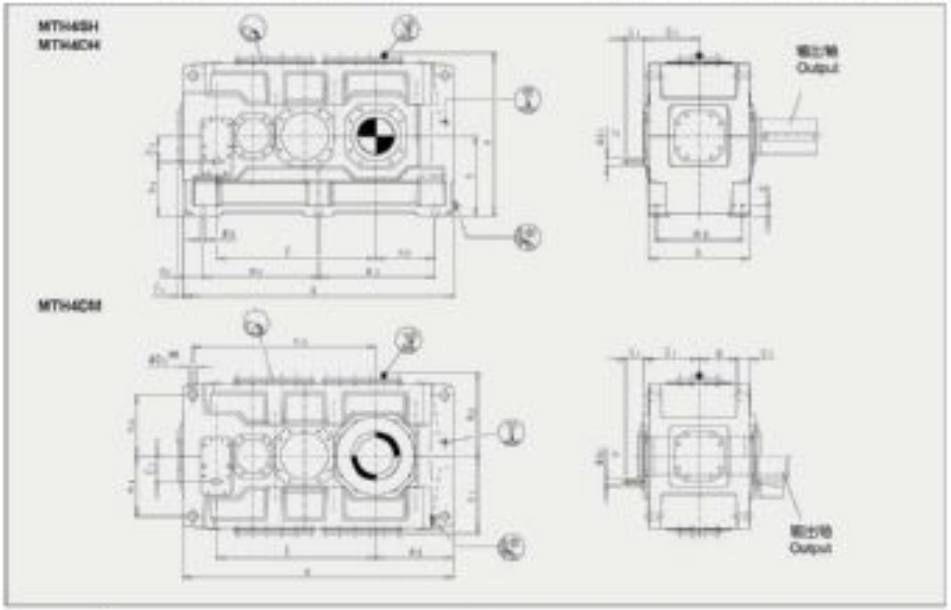
规格 Size	润滑油量 Oil quantity (l) *) MTH4.H	MTH4.M	重量 Weight (kg) *) **) MTH4SH MTH4HH MTH4DH MTH4KH	MTH4HM MTH4KM MTH4DM	MTH4FH	MTH4FM
13	130	120	2300	2270	2550	2430
14	140	125	2730	2660	2900	2770
15	200	170	3635	3440	3875	3680
16	235	175	3965	3740	4220	3995
17	290	225	4680	4445	4980	4745
18	305	230	5165	4915	5535	5265
19	400	310	6800	6060	需询要询 On request	
20	360	330	8200	7760		
21	395	430	9200	8600		
22	420	450	9900	9400		

尺寸以mm为单位
1）轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页
3）方案：
- 逆止器不能与布置形式 G、H 和 I 组合
*）参考值　**）未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50, m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372
3) Variants:
- Backstop not possible with G, H and I designs
*) Approximate values　**) Without oil filling

齿轮箱 四级传动 / 卧式安装
类型 MTH4.H, MTH4DM / 规格 23-26

Gear Units Four Stage / Horizontal
Type MTH4.H, MTH4DM / Sizes 23-26

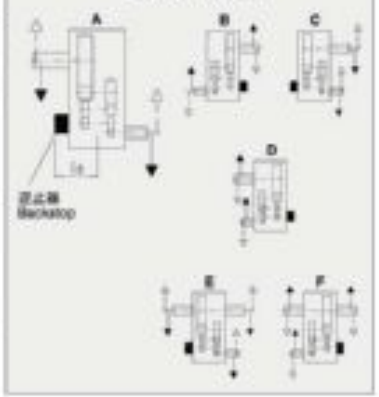


规格 Size	输入轴 / Input				
	k_6 = 100 - 180 k_2 = 112 - 200		k_6 = 200 - 355 k_2 = 224 - 400		
	d_1	l_1	d_1	l_1	G_1
23 + 24	90	130	70	165	505
25 + 26	100	205	85	170	565

规格 Size	齿轮箱 / Gear units												
	b	c	c_1	D_5	g	$h_{\pm 0}$	h_1	h_2	h_5	m_3	n_1	n_5	s
23 + 24	930	115	120±2	80	342	760	770	790	555	810	160	580	56
25 + 26	1045	130	120±2	90	400	860	860	860	595	910	200	660	66

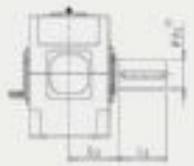
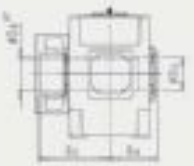
规格 Size	齿轮箱 / Gear units										
	a	a_{f2}	E	E_1	f_1	H	m_1	m_2	n_2	n_3	逆止器 Backstop G_6
23	2530	730	1505	225	35	1570	1085	1085	550	1725	请咨询相关尺寸 Dimensions on request
24	2660	795	1570	225	35	1570	1085	1215	615	1790	
25	2830	790	1655	265	65	1720	1215	1215	590	1955	
26	3010	880	1765	265	65	1720	1215	1395	680	2055	

布置形式 / Design



齿轮箱 四级传动 / 卧式安装
类型 MTH4.H, MTH4DM / 规格 23-26

Gear Units Four Stage / Horizontal
Type MTH4.H, MTH4DM / Sizes 23-26

输出轴 / Output		
MTH4SH 实心轴 Solid shaft	MTH4DH,MTH4DM 带锁紧盘的空心轴 Hollow shaft for shrink disk	
		

规格 Size	MTH4SH			MTH4DH,MTH4DM			
	d_2	l_2	G_2	D_2	D_3	G_4	G_5
23	360	590	540	360	365	540	765
24	380	590	540	380	385	540	805
25	400	650	605	400	405	605	875
26	420	650	605	420	425	605	900

规格 Size	润滑油量 Oil quantity (l) *)		重量 Weight (kg) *) **)	
	MTH4SH	MTH4DM	MTH4SH MTH4DH	MTH4DM
23	520	500	11600	10700
24	550	600	13500	12600
25	735	800	16100	15200
26	780	850	17800	16900

尺寸以mm为单位
1) 轴：
- $k6 \leq \Phi 50$, $m6 > \Phi 50$
- 键槽按照 GB/T1095- 1979
- 有关细节见第 363-372 页

*) 参考值
**) 未注油时

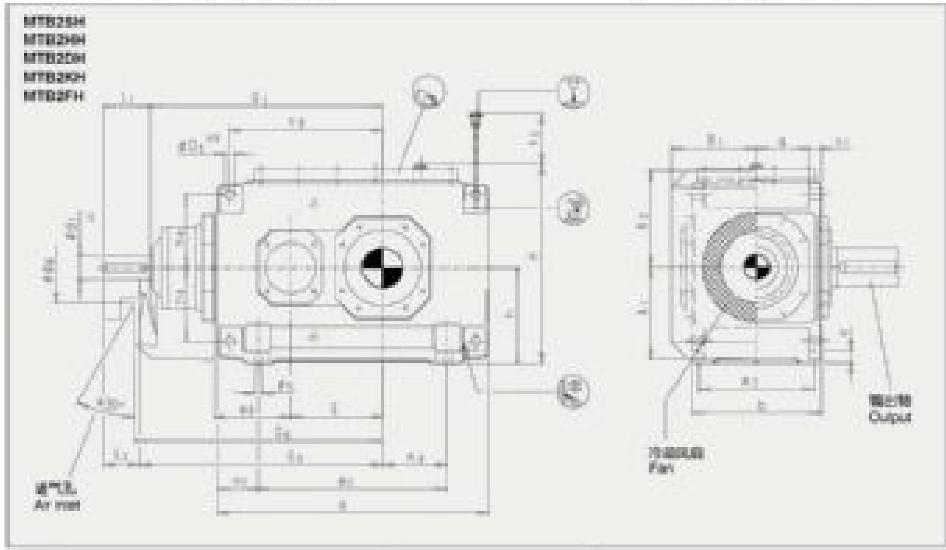
Dimensions in mm
1) Shafts:
- $k6 \leq \Phi 50$, $m6 > \Phi 50$
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372

*) Approximate values
**) Without oil filling

齿轮箱 两级传动 / 卧式安装 机型 MTB2.H / 规格 4-12

Gear Units Two Stage / Horizontal Type MTB2.H / Sizes 4-12

MTB2SH
MTB2HH
MTB2DH
MTB2KH
MTB2FH

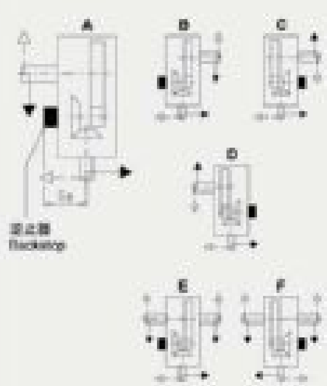


规格 Size	输入轴 / Input i_N = 5 - 11.2					i_N = 6.3 - 14		冷却风扇 / Fan			
	d_1	l_1	l_2	G_1	G_3	G_1	G_3	A_1	A_2	B_1	d_6
4	45	100	80	465	485	-	-	195	200	166	150
5 + 6	55	110	80	535	565	570	600	220	235	215	160
7 + 8	70	135	105	640	670	685	715	270	285	250	210
9 + 10	80	165	130	755	790	805	840	310	325	270	195
11 + 12	90	165	130	925	960	995	1030	370	385	328	210

规格 Size	齿轮箱 / Gear units										
	b	c	c_2	D_6	e_3	g	h_1	m_3	n_1	n_4	s
4	270	28	30±1	24	160	105	200	235	105	150	19
5 + 6	320	28	30±1	24	165	130	230	265	105	180	19
7 + 8	380	35	36±1	28	225	154	280	340	120	215	24
9 + 10	440	40	48±1.5	36	265	172	320	390	145	245	28
11 + 12	530	50	54±1.5	40	320	211	380	470	165	300	35

规格 Size	齿轮箱 / Gear units								逆止器 Backstop G_8
	a	E	G_6	h_2	H	m_1	n_2	n_3	
4	505	160	495	80	415	295	85	285	Dimensions on request
5	565	185	575	150	452	355	100	330	
6	645	220	610	150	482	435	145	365	
7	690	225	685	180	582	450	130	405	
8	785	270	730	190	582	555	150	450	
9	820	265	805	205	662	530	155	490	
10	920	315	855	215	662	630	205	530	
11	975	320	980	240	760	645	180	580	
12	1130	390	1050	250	760	800	265	650	

布置形式 / Design



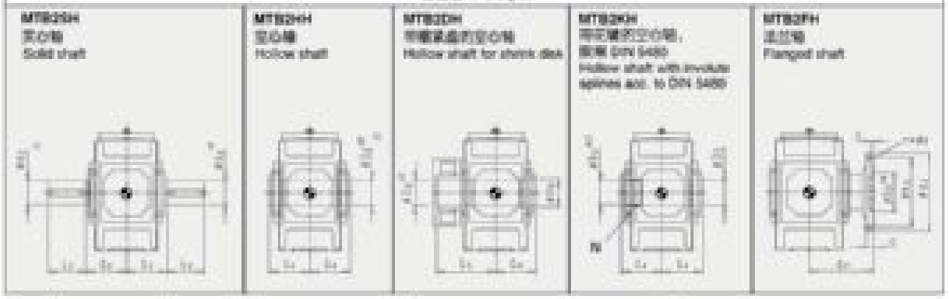
逆止器不能与以下布置形式组合安装
Backstop not possible for

MTB2SH	布置形式 / Design	A, C, E + F
MTB2DH	布置形式 / Design	A + C
MTB2FH	布置形式 / Design	B + D

齿轮箱 两级传动 / 卧式安装 机型 MTB2.H / 规格 4-12

Gear Units Two Stage / Horizontal Type MTB2.H / Sizes 4-12

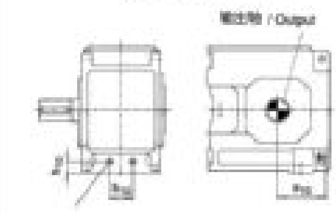
输出轴 / Output



规格 Size	MTB2SH			MTB2HH		MTB2DH				MTB2KH				MTB2FH						
	d_2	l_2	G_2	D_3	G_4	D_2	D_3	G_4	G_5	N / DIN 5480	D_2	D_3	G_6	c	d_2	D_3	k_2	n x s	t	G_7
4	80	170	170	80	170	85	85	170	235	-	-	-	-	-	-	-	-	-	-	-
5	100	210	200	95	200	100	100	200	275	N 95x3x30x30x9H	89	100	200	25	300	150	260	16x22	10	290
6	110	210	200	105	200	110	110	200	275	N 95x3x30x30x9H	89	110	200	25	320	160	280	16x22	10	290
7	120	210	235	115	235	120	120	235	320	N 120x3x30x38x9H	114	120	235	30	375	180	320	16x26	10	340
8	130	250	235	125	235	130	130	235	325	N 120x3x30x38x9H	114	130	235	30	390	190	340	16x26	10	340
9	140	250	270	135	270	140	145	270	365	N 140x3x30x45x9H	134	145	270	38	430	220	380	20x26	12	385
10	160	300	270	150	270	150	155	270	365	N 140x3x30x45x9H	134	155	270	38	475	240	420	22x26	12	385
11	170	300	320	165	320	165	170	320	450	N 170x5x30x32x9H	160	170	320	42	515	260	450	16x33	12	450
12	180	300	320	180	320	180	185	320	455	N 170x5x30x32x9H	160	185	320	42	540	280	480	22x33	12	450

规格 Size	润滑油量 Oil quantity (l) *) 轴封 Shaft seal	重量 Weight (kg) *) **) MTB2SH MTB2HH MTB2DH MTB2KH	MTB2FH
4	10	235	-
5	15	350	400
6	19	410	455
7	31	615	670
8	34	700	760
9	48	1000	1090
10	53	1155	1250
11	60	1640	1775
12	95	1910	2060

冷却盘管 / Cooling coil



冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"

规格 Size	[illegible]	[illegible]	[illegible]	[illegible]
4	74	160	54	4
5	130	175	62	6
6	120	220	68	4
7	140	210	80	6
8	140	270	80	4
9	232	240	110	8
10	150	295	90	8
11	312	275	115	8
12	300	350	115	8

冷却盘管适用于淡水、海水和咸淡水
Cooling coil suitable for fresh, sea and brackish water

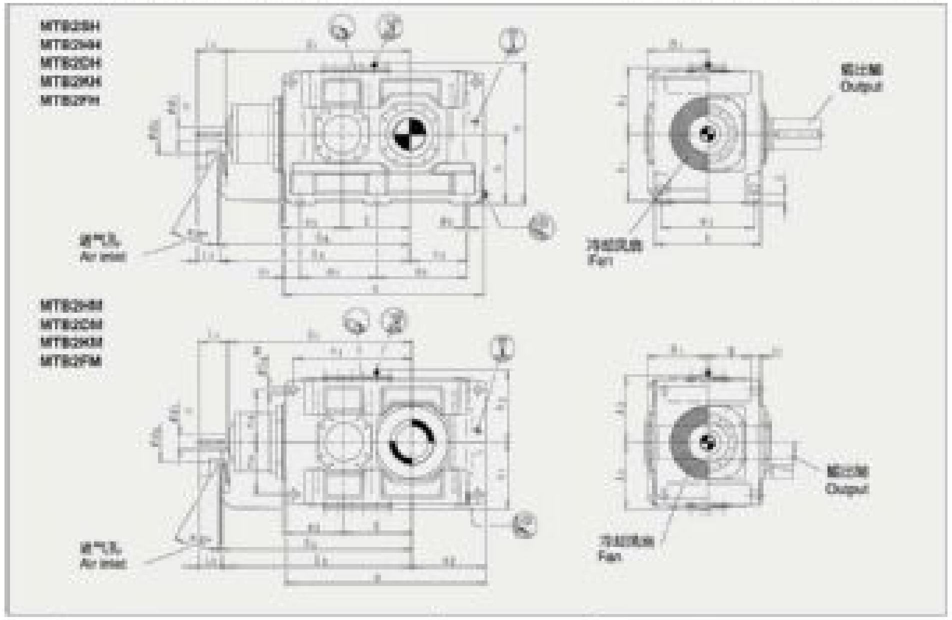
4) 所需冷却水量，冷却水压力最大值：8 巴
Cooling water quantity required, max.cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页
*) 参考值
**) 未注油

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50 , m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372
*) Approximate values
**) Without oil filling

齿轮箱 两级传动 / 卧式安装 类型 MTB2.H,MTB2.M / 规格 13-18

Gear Units Two Stage / Horizontal Type MTB2.H,MTB2.M / Sizes 13-18

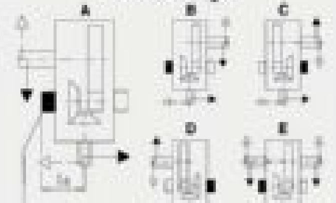


规格 Size	输入轴 / Input										冷却风扇 / Fan			
	i_N = 5 - 11.2; i_N = 6.3 - 14; i_N = 7.1 - 12.5			i_N = 5.6 - 11.2; i_N = 5.6 - 12.5										
	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3	G_1	G_3	A_1	A_2	B_1	d_8
13 + 14	110	205	165				1070	1110	1140	1180	430	450	375	245
15	130	245	200				1277	1320			490	495	435	280
16				130	245	200			1323	1368	490	495	435	280
17				150	245	200	1438	1480			540	555	505	380
18	150	245	200				1490	1540			540	555	505	380

规格 Size	齿轮箱 / Gear units												
	b	c	c_1	D_6	e_3	g	h_{-1}	h_1	b_3	m_3	n_1	n_4	s
13 + 14	655	60	61 + 2	48	380	264	440	450	466	580	100	340	35
15 + 16	765	70	72 + 2	55	450	308	500	490	506	670	120	375	42
17 + 18	885	80	81 + 2	65	510	356	550	555	560	780	136	420	48

规格 Size	齿轮箱 / Gear units									逆止器 Backstop G_5
	a	e_2	E	G_8	H	m_1	m_2	n_2	n_3	
13	1130	405	370	1130	800	465	465	305	675	敬请垂询
14	1270	475	440	1200	800	465	605	375	745	相关尺寸
15	1350	485	442	1340	1000	555	555	365	805	Dimensions
16	1440	530	488	1385	1000	555	645	410	850	on request
17	1490	525	490	1500	1110	610	610	390	895	
18	1610	585	550	1560	1110	610	730	450	955	

布置形式 / Design



逆止器
Backstop

■ 逆止器,规格 13 - 14
Backstop: Size 13 - 14

□ 逆止器,规格 15 - 18
Backstop: Size 15 - 18

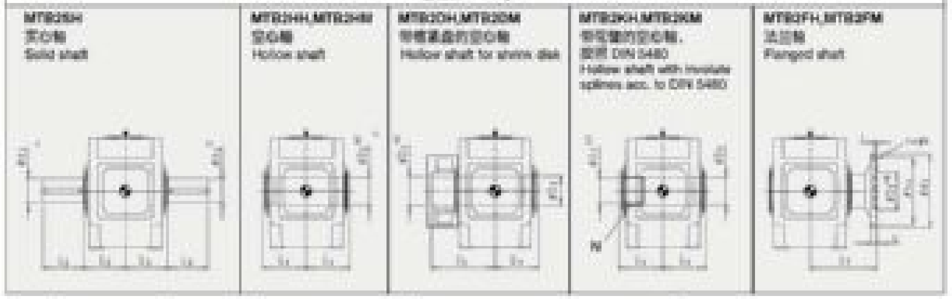
逆止器不能与以下规格和布置形式组合安装
Backstop **not** possible for

MTB2SH	规格 / Size 13 + 14; 布置形式 / Design	A, C, E + F
MTB2SH	规格 / Size 15 - 18; 布置形式 / Design	B, D, E + F
MTB2FH	规格 / Size 13 + 14; 布置形式 / Design	A + C
MTB2FH	规格 / Size 15 - 18; 布置形式 / Design	B + D
MTB2DH	规格 / Size 14; 布置形式 / Design	B + D
MTB2DH	规格 / Size 16 + 18; 布置形式 / Design	A + C

齿轮箱 两级传动 / 卧式安装 类型 MTB2.H,MTB2.M / 规格 13-18

Gear Units Two Stage / Horizontal Type MTB2.H,MTB2.M / Sizes 13-18

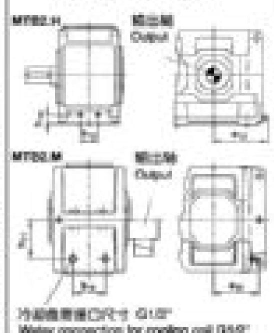
输出轴 / Output



规格 Size	MTB2SH			MTB2HH MTB2HM		MTB2DH,MTB2DM				MTB2KH,MTB2KM				MTB2FH,MTB2FM						
	d_2	l_2	G_2	D_2	G_4	D_2	D_3	G_4	G_6	N / DIN 5480	D_2	D_3	G_6	c	d_2	D_3	k_2	n x s	t	G_7
13	200	350	360	-	-	-	-	-	-	-	-	-	-	48	580	310	500	20 x 33	14	525
14	210	350	360	210	390	210	215	390	535	N 190x5x30x36x9H	180	215	390	48	620	310	540	24 x 33	14	525
15	230	410	460	-	-	-	-	-	-	-	-	-	-	55	710	360	630	28 x 33	17	625
16	240	410	460	240	450	240	245	450	620	N 220x5x30x42x9H	210	245	450	55	740	360	650	30 x 33	17	625
17	250	410	540	-	-	-	-	-	-	-	-	-	-	60	750	410	650	24 x 39	18	695
18	270	470	540	275	510	280	285	510	700	N 250x5x30x48x9H	240	285	510	60	800	410	710	26 x 39	18	695

规格 Size	润滑油量 Oil quantity (l) *)		重量 Weight (kg) *) **)			
	MTB2.H	MTB2.M	MTB2SH MTB2HH MTB2DH MTB2KH	MTB2HM MTB2KM MTB2DM	MTB2FH	MTB2FM
13	140	120	2450	2350	2620	2520
14	155	130	2825	2725	3005	2905
15	220	180	3990	3795	4245	4050
16	230	190	4345	4160	4615	4430
17	320	260	5620	5320	5940	5640
18	335	275	6150	5860	6520	6230

冷却盘管 / Cooling coil



规格 Size	b_{10}	b_{11}	e_{10}	e_{11}	h_{10}	h_{11}	Q L/min *)
13	324	324	460	335	116	300	8
14	324	324	530	405	116	300	8
15	396	396	540	395	119	335	8
16	396	396	585	440	119	335	8
17	468	324	580	425	134	350	8
18	468	324	640	485	134	350	8

冷却盘管适用于淡水、海水和稍有咸味的水
Cooling coil suitable for fresh, sea and brackish water

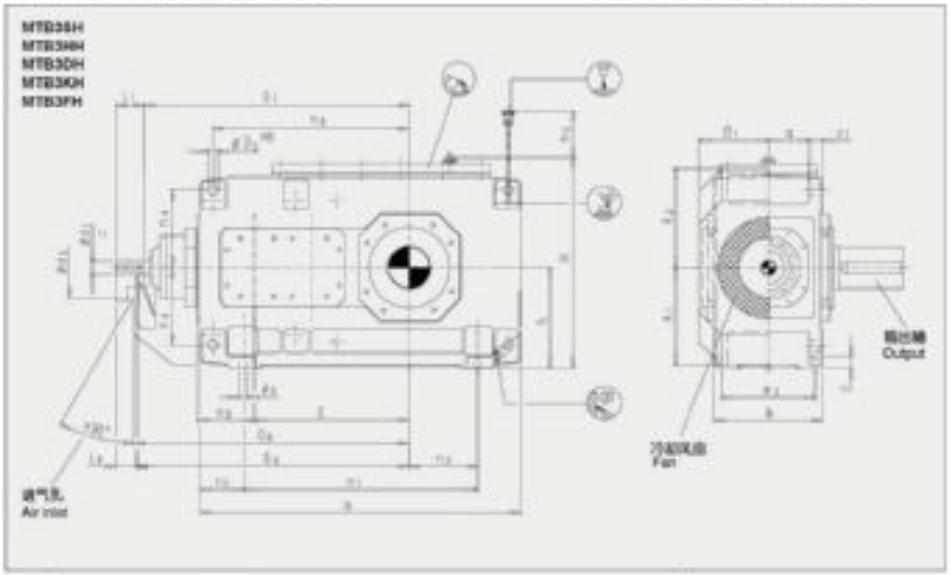
*) 所需冷却水量,
冷却水压力最大值:8巴
Cooling water quantity required; max. cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴:
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 相关信息见第 363-372 页
*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50，m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372
*) Approximate values
**) Without oil filling

齿轮箱 三级传动 / 卧式安装
类型 MTB3.H / 规格 4-12

Gear Units Three Stage / Horizontal
Type MTB3.H / Sizes 4-12

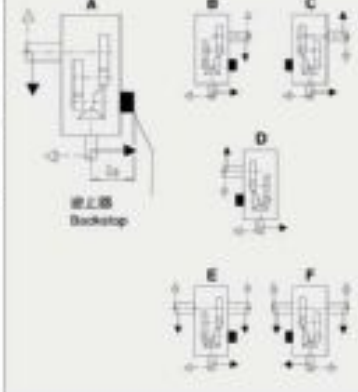


规格 Size	输入轴 / Input i_N = 12.5 - 45, i_N = 16 - 56			i_N = 50 - 71, i_N = 63 - 90							冷却风扇 / Fan			
	d_2	l_2	l_3	d_1	l_1	l_3	G_1	G_3	G_1	G_3	A_1	A_2	B_1	B_2
4	30	70	50	25	60	40	500	520	-	-	195	200	143	110
5 + 6	35	80	60	28	60	40	575	595	610	630	235	235	168	130
7 + 8	45	100	80	35	80	60	690	710	735	755	275	275	193	165
9 + 10	55	110	80	40	100	70	800	830	850	880	315	325	231	175
11 + 12	70	135	105	50	110	80	960	990	1030	1060	370	385	263	190

规格 Size	齿轮箱 / Gear units b	c	c_1	D_5	e_5	g	h_{-1}	m_5	n_1	n_4	s
4	215	28	36 ±1	24	110	77.5	200	180	105	150	19
5 + 6	255	28	36 ±1	24	130	87.5	230	220	105	180	19
7 + 8	300	35	36 ±1	28	160	114	280	260	120	215	24
9 + 10	370	40	45 ±1.5	36	185	140	320	320	145	245	28
11 + 12	430	50	54 ±1.5	40	225	161	380	370	165	300	35

规格 Size	齿轮箱 / Gear units a	E	G_6	h_5	H	m_1	n_2	n_3	逆止器 Backstop G_4
4	555	270	530	100	415	355	85	345	安装尺寸 Dimensions on request
5	640	315	605	130	482	430	100	405	
6	720	350	640	130	482	510	145	440	
7	765	385	720	170	572	545	130	500	
8	890	430	765	180	582	650	190	545	
9	925	450	845	175	662	635	155	585	
10	1025	500	895	175	662	735	205	635	
11	1105	545	1010	220	782	775	180	710	
12	1260	615	1080	210	790	930	265	780	

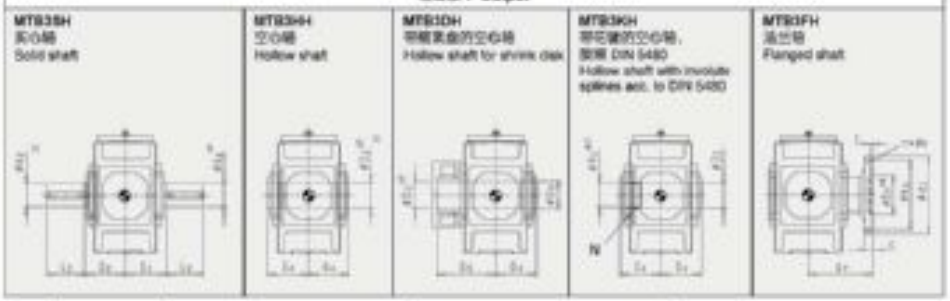
布置形式 / Design



齿轮箱 三级传动 / 卧式安装
类型 MTB3.H / 规格 4-12

Gear Units Three Stage / Horizontal
Type MTB3.H / Sizes 4-12

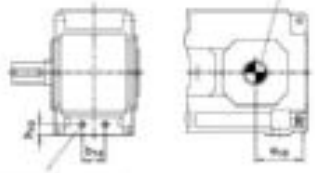
输出轴 / Output



规格 Size	MTB3SH d_2	l_2	G_2	MTB3HH D_2	G_4	MTB3DH D_2	D_3	G_4	G_5	MTB3KH N / DIN 5480	D_2	D_3	L_4	MTB3FH z	d_2	D_3	l_2	n x s	t	G_7
4	80	170	140	80	140	85	85	140	205	-	-	-	-	-	-	-	-	-	-	-
5	100	210	165	95	165	100	100	165	240	N 96x3x30x30x9H	89	100	165	25	309	150	260	16 x 22	10	255
6	110	210	165	105	165	110	110	165	240	N 96x3x30x30x9H	89	110	165	25	329	160	280	18 x 22	10	255
7	120	210	195	115	195	120	120	195	280	N 120x3x30x38x9H	114	129	195	30	379	180	320	16 x 26	10	300
8	130	250	195	125	195	130	130	195	285	N 120x3x30x38x9H	114	139	195	30	399	190	340	18 x 26	10	300
9	140	250	235	135	235	140	145	235	330	N 140x3x30x45x9H	134	145	235	38	439	220	380	20 x 26	12	350
10	160	300	235	150	235	150	155	235	350	N 140x3x30x45x9H	134	155	235	38	479	240	420	22 x 26	12	350
11	170	300	270	165	270	165	170	270	400	N 170x5x30x32x9H	160	179	270	42	519	260	450	18 x 33	12	400
12	180	300	270	180	270	180	185	270	405	N 170x5x30x32x9H	160	185	270	42	549	280	480	22 x 33	12	400

规格 Size	润滑油量 Oil quantity (l) *)	重量 / Weight (kg) *) **) MTB3SH MTB3HH MTB3DH MTB3KH	MTB3FH
4	9	210	-
5	15	325	360
6	18	380	420
7	27	550	600
8	30	635	690
9	42	890	975
10	45	1020	1110
11	71	1455	1585
12	76	1730	1870

冷却盘管 / Cooling coil



冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"

冷却盘管适用于淡水、海水和稍咸水域
Cooling coil suitable for fresh, sea and brackish water

规格 Size	b_{10}	φ_{10}	h_{10}	l_{1} / mm
4	34	165	60	4
5	68	170	64	4
6	70	220	69	4
7	100	210	63	4
8	100	270	63	4
9	140	245	110	6
10	100	295	95	6
11	110	275	95	6
12	200	360	109	6

*) 所需冷却水量 / 冷却水压力最大值：6 巴
Cooling water quantity required; max.cooling water pressure: 6 bar

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页

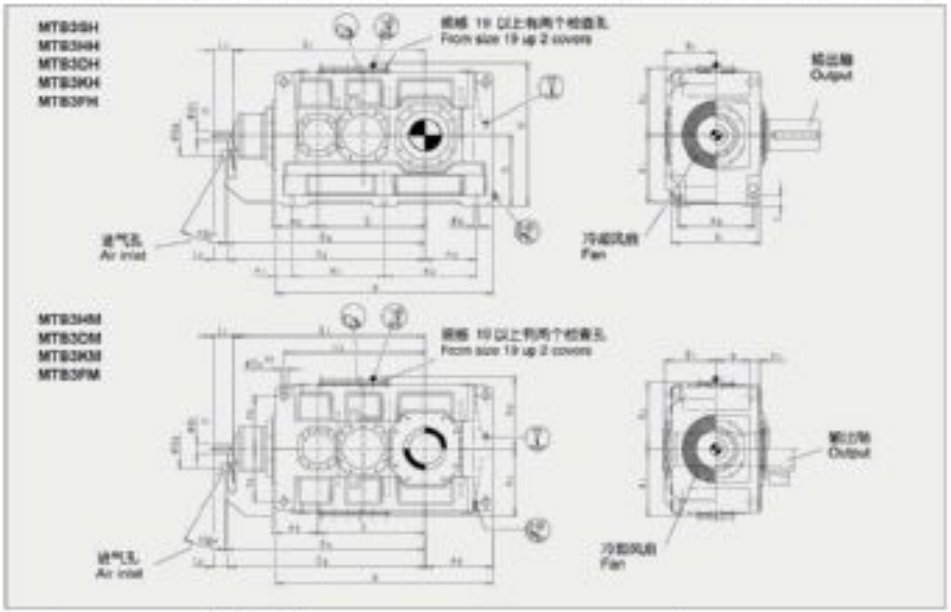
*) 参考值
**) 未注润滑

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50, m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372

*) Approximate values
**) Without oil filling

齿轮箱 三级传动 / 卧式安装
型号 MTB3.H,MTB3.M / 规格 13-22

Gear Units Three Stage / Horizontal
Type MTB3.H,MTB3.M / Sizes 13-22

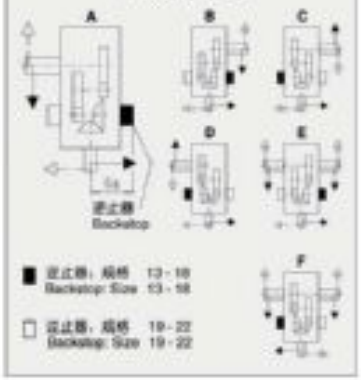


规格 Size	输入轴 / Input i_N = 12.5 - 45 i_N = 14 - 50			i_N = 50 - 71 i_N = 56 - 80			冷却风扇 / Fan							
	d_1	l_1	l_2	d_1	l_1	l_2	G_1	G_2	G_1	G_2	A_1	A_2	B_1	B_2
13 - 14	80	165	130	60	140	105	1125	1160	1195	1230	425	435	325	210
15 - 16	90	165	130	70	140	105	1367	1402	1413	1448	485	520	365	210
17 - 18	110	205	165	80	170	130	1560	1600	1620	1660	535	570	395	230
19 - 20	130	245	200	100	210	165	1832	1877	1892	1937	610	630	448	245
21 - 22	130	245	200	100	210	165	1902	1947	1957	2002	690	690	473	280

规格 Size	齿轮箱 / Gear units b	c	c_1	D_5	e_3	g	h_1	h_3	h_4	m_3	n_1	n_4	s
13 + 14	550	60	61 ± 2	48	265	211.5	440	450	460	475	100	340	35
15 + 16	625	70	72 ± 2	55	320	238	500	490	500	535	120	375	42
17 + 18	690	80	81 ± 2	55	370	259	550	555	560	600	135	425	42
19 + 20	790	90	91 ± 2	65	420	299	620	615	620	690	155	475	48
21 + 22	830	100	100 ± 2	75	450	310	700	685	690	720	170	520	56

规格 Size	齿轮箱 / Gear units a	e_2	E	G_6	H	m_1	m_2	n_2	n_3	逆止器 Backstop G_6
13	1290	405	635	1180	900	545	545	305	835	敬请垂询 相关尺寸 Dimensions on request
14	1430	475	705	1250	900	545	685	375	905	
15	1550	485	762	1420	1000	655	655	365	1005	
16	1640	530	808	1470	1000	655	745	410	1050	
17	1740	525	860	1520	1110	735	735	390	1145	
18	1880	585	920	1680	1110	735	855	450	1205	
19	2010	590	997	1800	1240	850	850	435	1345	
20	2130	650	1057	1960	1240	850	970	495	1405	
21	2140	655	1067	1970	1380	900	900	485	1400	
22	2250	710	1122	2025	1380	900	1010	540	1455	

布置形式 / Design



■ 逆止器，规格 13 - 18
Backstop: Size 13 - 18

□ 逆止器，规格 19 - 22
Backstop: Size 19 - 22

尺寸以mm为单位
1) 轴：
- $d_1 \leq \Phi 50$, $d_1 > \Phi 50$
- 键槽按照 GB/T1095- 1979
- 有关细节见第 363-372 页

*) 参考值
**) 未注油时

齿轮箱 三级传动 / 卧式安装
型号 MTB3.H,MTB3.M / 规格 13-22

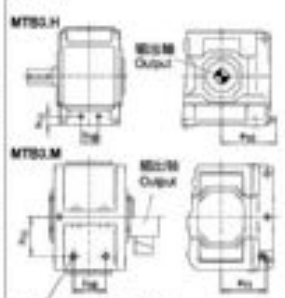
Gear Units Three Stage / Horizontal
Type MTB3.H,MTB3.M / Sizes 13-22

输出轴 / Output

规格 Size	MTB3SH d_2	l_2	G_2	MTB3HH MTB3HM D_2	G_4	MTB3DH,MTB3DM D_2	D_3	G_4	G_5	MTB3KH,MTB3KM N / DIN 5480	D_2	D_3	G_4	MTB3FH,MTB3FM c	d_2	D_3	k_2	n x s	t	G_F
13	200	350	335	190	335	190	195	335	480	N 190x6x30x36x9H	180	195	335	48	580	310	500	20 x 33	14	480
14	210	350	335	210	335	210	215	335	480	N 190x6x30x36x9H	180	215	335	48	620	310	540	24 x 33	14	480
15	230	410	380	230	380	230	235	380	550	N 220x6x30x42x9H	210	235	380	55	710	360	630	28 x 33	17	550
16	240	410	380	240	380	240	245	380	550	N 220x6x30x42x9H	210	245	380	55	740	360	660	30 x 33	17	550
17	250	410	415	250	415	250	260	415	600	N 250x6x30x48x9H	240	260	415	60	750	410	660	24 x 39	18	600
18	270	470	415	275	415	280	285	415	600	N 250x6x30x48x9H	240	285	415	60	800	410	710	28 x 39	18	600
19	290	470	465	-	-	285	295	465	670	敬请垂询 On request				65	860	460	770	30 x 39	18	670
20	300	500	465	-	-	310	315	465	670					65	930	460	830	32 x 39	18	670
21	320	500	490	-	-	330	336	490	715					75	950	520	850	28 x 45	20	710
22	340	550	490	-	-	340	348	490	725					75	1040	520	940	28 x 45	20	710

规格 Size	润滑油量 Oil quantity (l) *) MTB3.H	MTB3.M	重量 Weight (kg) *) **) MTB3SH MTB3HH MTB3DH MTB3KH	MTB3HM MTB3KM MTB3DM	MTB3FH	MTB3FM
13	130	110	2380	2260	2540	2420
14	140	115	2750	2615	2920	2780
15	210	160	3730	3540	3970	3780
16	220	165	3955	3765	4250	4020
17	290	230	4990	4760	5290	5060
18	300	235	5495	5240	6045	5590
19	380	360	7000	6500	敬请垂询 On request	
20	440	420	8100	7600		
21	370	420	9200	8600		
22	430	490	9900	9400		

冷却盘管 / Cooling coil



冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G21*

规格 Size	h_{10}	Φ_{12}	e_{10}	h_{12}	h_{11}	L *) max
13	252	455	335	118	390	8
14	252	525	405	118	390	8
15	290	535	395	119	395	8
16	290	580	440	119	395	8
17	340	575	425	134	380	8
18	340	635	485	134	380	8
19	敬请垂询 On request					
20						
21						
22						

冷却盘管适用于淡水、海水和碱
性减弱的水 / Cooling coil suitable
for fresh, sea and brackish water

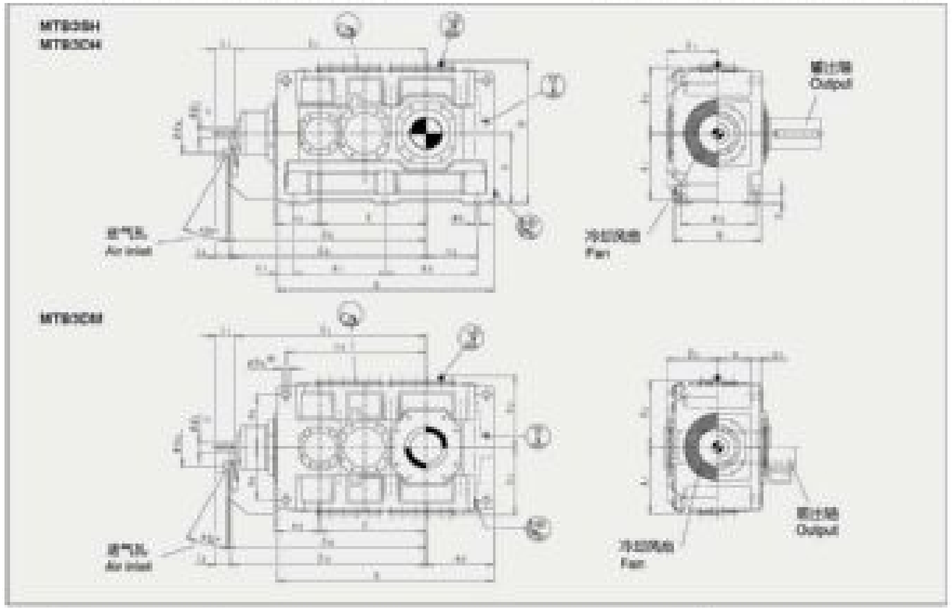
*) 所需冷却水量，冷却水压力最大值，8 巴
Cooling water quantity required; max.cooling water pressure: 8 bar

Dimensions in mm
1) Shafts:
- $d_1 \leq \Phi 50$, $d_1 > \Phi 50$
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372

*) Approximate values
**) Without oil filling

齿轮箱 三级传动 / 卧式安装 规型 MTB3.H,MTB3DM / 规格 23-26

Gear Units Three Stage / Horizontal Type MTB3.H,MTB3DM / Sizes 23-26

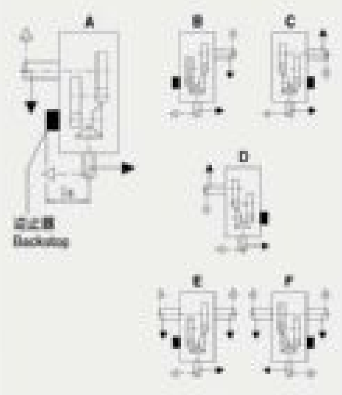


规格 Size	输入轴 / Input										冷却风扇 / Fan			
	i_N = 20 - 45, i_N = 22.4 - 50			i_N = 50 - 71, i_N = 56 - 80										
	d_1	l_1	l_3	d_1	l_1	l_3	G_1	G_3	G_1	G_3	A_1	A_2	B_1	d_3
23 + 24	150	245	200	110	210	165	2130	2175	2195	2240	770	770	528	350
25 + 26	150	245	200	110	210	165	2270	2315	2360	2405	845	865	585	380

规格 Size	齿轮箱 / Gear units												
	b	c	c_1	D_6	e_2	g	h_{-2}	h_1	h_2	m_3	n_1	n_4	s
23 + 24	930	115	120↑2	80	490	342	760	770	790	810	180	580	56
25 + 26	1045	130	120↑2	90	490	400	880	860	860	910	200	660	66

规格 Size	齿轮箱 / Gear units									
	a	a_2	E	G_6	H	m_1	m_2	n_2	n_3	逆止器 Backstop G_5
23	2360	730	1160	2200	1570	1010	1010	550	1560	敬请垂询 联系尺寸 Dimensions on request
24	2510	765	1250	2265	1570	1010	1140	615	1625	
25	2580	790	1325	2315	1720	1090	1090	590	1685	
26	2760	880	1415	2430	1720	1090	1270	680	1775	

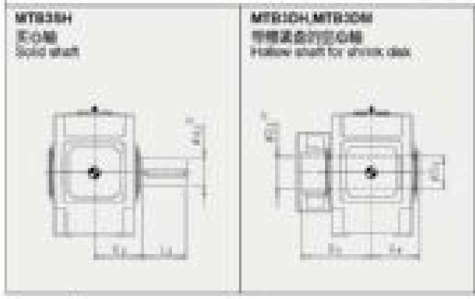
布置形式 / Design



齿轮箱 三级传动 / 卧式安装 规型 MTB3.H,MTB3DM / 规格 23-26

Gear Units Three Stage / Horizontal Type MTB3.H,MTB3DM / Sizes 23-26

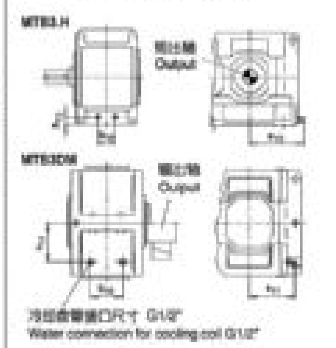
输出轴 / Output



规格 Size	MTB3SH			MTB3DH,MTB3DM			
	d_2	l_2	G_2	D_2	G_3	G_4	G_5
23	360	550	540	360	365	540	765
24	380	550	540	380	385	540	805
25	400	650	605	400	405	605	875
26	420	650	605	430	435	605	900

规格 Size	润滑油量 Oil quantity (l) *)		重量 Weight (kg) *) **)	
	MTB3SH	MTB3DM	MTB3SH MTB3DH	MTB3DM
23	520	580	11500	10800
24	600	650	13400	12500
25	720	790	16000	15100
26	840	920	17500	16400

冷却盘管 / Cooling coil



冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"

规格 Size	D_{10}	a_{10}	a_{11}	h_{10}	h_{11}	*)
23	敬请垂询 On request					
24						
25						
26						

冷却盘管适用于淡水、海水和微咸水
Cooling coil suitable for fresh, sea and brackish water

*) 所需冷却水量，冷却水压力最大值8巴
Cooling water quantity required; max. cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 细节说明见第 353-372 页

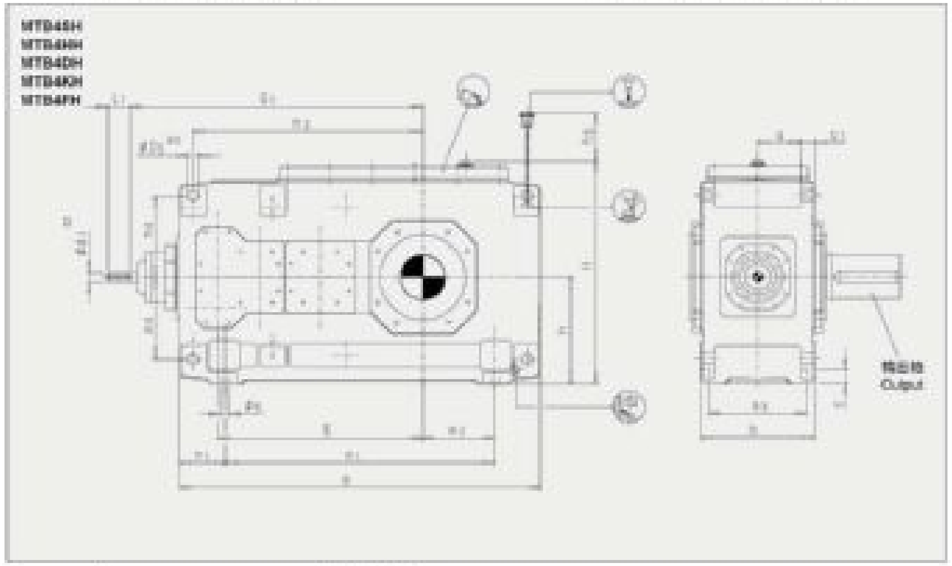
*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50，m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 353-372

*) Approximate values
**) Without oil filling

齿轮箱 四级传动 / 卧式安装 类型 MTB4.H / 规格 5-12

Gear Units Four Stage / Horizontal Type MTB4.H / Sizes 5-12

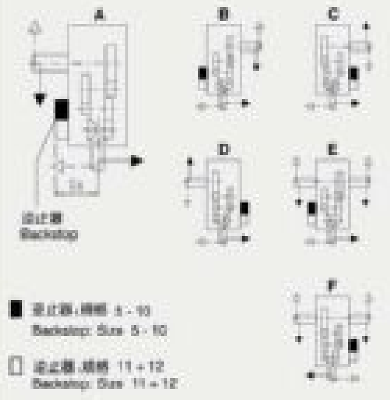


规格 Size	输入轴 / Input					
	i_N = 80 - 180 / i_N = 100 - 224		i_N = 200 - 315 / i_N = 250 - 400			
	d_1	l_1	d_1	l_1	G_1	G_1
5 + 6	28	55	20	50	615	650
7 + 8	30	70	25	60	725	770
9 + 10	35	80	28	60	840	890
11 + 12	45	100	35	80	1010	1060

规格 Size	齿轮箱 / Gear units									
	b	c	c_1	D_6	g	h_1	m_2	n_1	n_2	s
5 + 6	255	28	30±1	24	97.5	230	220	105	180	19
7 + 8	300	35	38±1	28	114	280	260	120	215	24
9 + 10	370	40	45±1.5	36	140	320	320	145	245	28
11 + 12	430	50	54±1.5	40	161	380	370	165	300	35

规格 Size	齿轮箱 / Gear units							逆止器 Backstop G_6
	a	E	h_0	H	m_1	n_3	r_3	
5	690	405	100	482	480	100	455	[illegible] Dimensions on request
6	770	440	100	482	560	145	490	
7	845	495	140	572	605	130	560	
8	950	540	130	582	710	190	605	
9	1000	580	135	662	710	155	660	
10	1100	630	135	662	810	205	710	
11	1300	705	170	762	870	180	805	
12	1355	770	160	790	1025	265	870	

布置形式 / Design



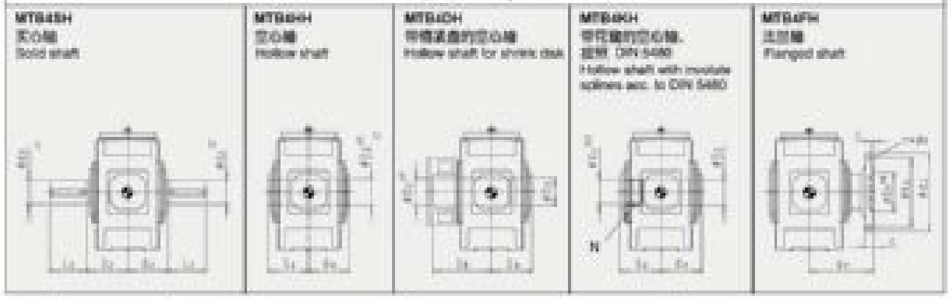
■ 逆止器,规格 5 - 10
Backstop: Size 5 - 10

□ 逆止器,规格 11 + 12
Backstop: Size 11 + 12

齿轮箱 四级传动 / 卧式安装 类型 MTB4.H / 规格 5-12

Gear Units Four Stage / Horizontal Type MTB4.H / Sizes 5-12

输出轴 / Output



规格 Size	MTB4SH			MTB4HH		MTB4DH				MTB4KH				MTB4FH						
	d_2	l_2	G_2	D_3	G_4	D_2	D_3	G_4	G_5	N / DIN 5480	D_2	D_3	G_4	c	d_2	D_3	k_2	n x s	t	G_7
5	100	210	165	95	165	100	100	165	240	N 95x3x30x30x9H	89	109	165	25	300	150	260	16x22	10	255
6	110	210	165	105	165	110	110	165	240	N 95x3x30x30x9H	89	110	165	25	320	160	280	16x22	10	255
7	120	210	195	115	195	120	120	195	280	N 120x3x30x38x9H	114	120	195	30	370	180	320	16x26	10	300
8	130	250	195	125	195	130	130	195	285	N 120x3x30x38x9H	114	130	195	30	390	190	340	16x26	10	300
9	140	250	235	135	235	140	145	235	330	N 140x3x30x45x9H	134	145	235	38	430	220	380	20x26	12	350
10	160	300	235	150	235	150	155	235	350	N 140x3x30x45x9H	134	155	235	38	470	240	420	20x26	12	350
11	170	300	270	165	270	165	170	270	400	N 170x5x30x32x9H	160	170	270	42	510	260	450	16x33	12	400
12	180	300	270	180	270	180	185	270	405	N 170x5x30x32x9H	160	185	270	42	540	280	480	22x33	12	400

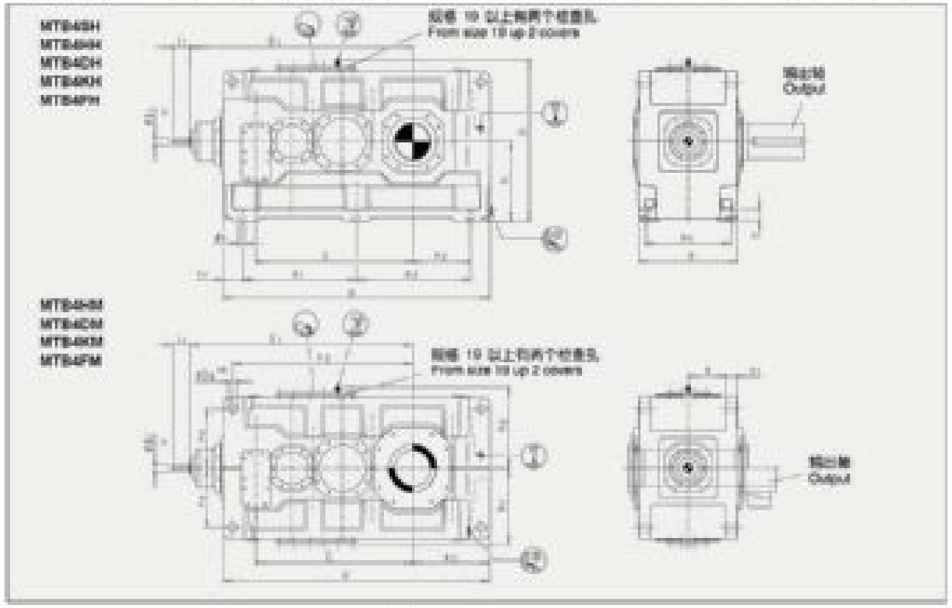
规格 Size	润滑油量 Oil quantity (l) *)	重量 Weight (kg) *) **)	
		MTB4SH MTB4HH MTB4DH MTB4KH	MTB4FH
5	16	335	370
6	18	365	405
7	30	555	605
8	30	655	710
9	48	890	975
10	50	1025	1115
11	80	1485	1615
12	90	1750	1890

尺寸以mm为单位
1) 轴:
- k6 < Φ50 , m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 353-372 页
*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50 , m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 353-372
*) Approximate values
**) Without oil filling

齿轮箱 Gear Units

四级传动 / 卧式安装 Four Stage / Horizontal
类型 MTB4.H,MTB4.M / 规格 13-22 Type MTB4.H,MTB4.M / Sizes 13-22

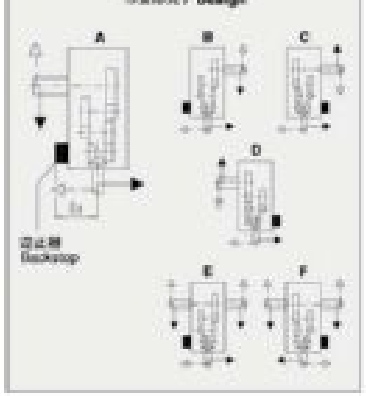


规格 Size	输入轴 / Input					
	i_N = 80 - 180 i_N = 90 - 200 i_N = 112 - 224		i_N = 200 - 315 i_N = 224 - 355 i_N = 250 - 400			
	d_1	l_1	d_1	l_1	G_1	G_1
13 + 14	55	110	40	100	1170	1240
15 + 16	70	135	50	110	1402	1448
17 + 18	70	135	50	110	1450	1510
19 + 20	80	165	60	140	1680	1740
21 + 22	90	165	70	140	1992	2047

规格 Size	齿轮箱 / Gear units b	c	c_1	D_6	g	h_{-1}	h_1	h_2	m_5	n_1	n_4	s
13 + 14	550	60	61 ± 2	48	211.5	440	450	460	475	100	340	35
15 + 16	625	70	72 ± 2	55	238	500	490	500	535	120	375	42
17 + 18	695	80	81 ± 2	55	259	560	555	560	600	135	425	42
19 + 20	790	90	91 ± 2	65	299	620	615	620	690	155	475	48
21 + 22	830	100	100 ± 2	75	310	700	665	690	720	170	520	56

规格 Size	齿轮箱 / Gear units a	e_2	E	H	m_1	m_2	n_2	n_3	逆止器 Backstop G_6
13	1395	405	835	900	587.5	587.5	306	940	敬请垂询相关尺寸 Dimensions on request
14	1535	475	890	900	597.5	737.5	375	1010	
15	1680	485	987	1000	720	720	366	1135	
16	1770	530	1033	1000	720	810	410	1180	
17	1770	525	1035	1110	750	750	396	1175	
18	1890	585	1095	1110	750	870	456	1235	
19	2030	590	1190	1240	860	860	435	1365	
20	2150	650	1250	1240	860	980	495	1425	
21	2340	655	1387	1390	1000	1000	485	1590	
22	2450	710	1442	1390	1000	1110	540	1695	

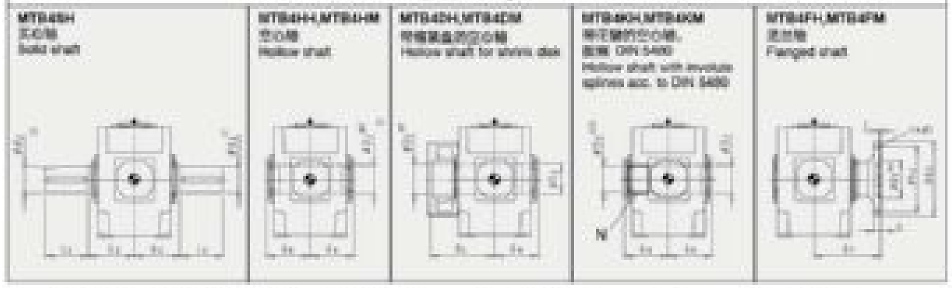
布置形式 / Design



齿轮箱 Gear Units

四级传动 / 卧式安装 Four Stage / Horizontal
类型 MTB4.H,MTB4.M / 规格 13-22 Type MTB4.H,MTB4.M / Sizes 13-22

输出轴 / Output



规格 Size	MTB4SH			MTB4HH MTB4HM		MTB4DH,MTB4DM				MTB4KH,MTB4KM				MTB4FH,MTB4FM						
	d_2	l_2	G_2	D_2	G_4	D_2	D_3	G_4	G_5	N / DIN 5480	D_2	D_3	G_4	c	d_2	D_3	k_2	n x s	t	G_7
13	200	350	335	190	335	190	195	335	490	N 190x5x30x36x9H	180	195	335	48	580	310	500	20 x 33	14	480
14	210	350	335	210	335	210	215	335	490	N 190x5x30x36x9H	180	215	335	48	620	310	540	24 x 33	14	480
15	230	410	380	230	380	230	235	380	550	N 220x5x30x42x9H	210	235	380	55	710	360	620	28 x 33	17	550
16	240	410	380	240	380	240	245	380	550	N 220x5x30x42x9H	210	245	380	55	740	360	650	30 x 33	17	550
17	250	410	415	250	415	250	260	415	600	N 250x5x30x48x9H	240	260	415	60	750	410	660	24 x 39	18	600
18	270	470	415	275	415	280	285	415	600	N 250x5x30x48x9H	240	285	415	60	800	410	710	26 x 39	18	600
19	290	470	465	-	-	290	295	465	670	敬请垂询 On request				65	860	460	770	30 x 39	18	670
20	300	500	465	-	-	310	315	465	670					65	930	460	830	32 x 39	18	670
21	320	500	490	-	-	330	335	490	715					75	950	520	850	28 x 45	20	710
22	340	550	490	-	-	340	345	490	725					75	1040	520	940	28 x 45	20	710

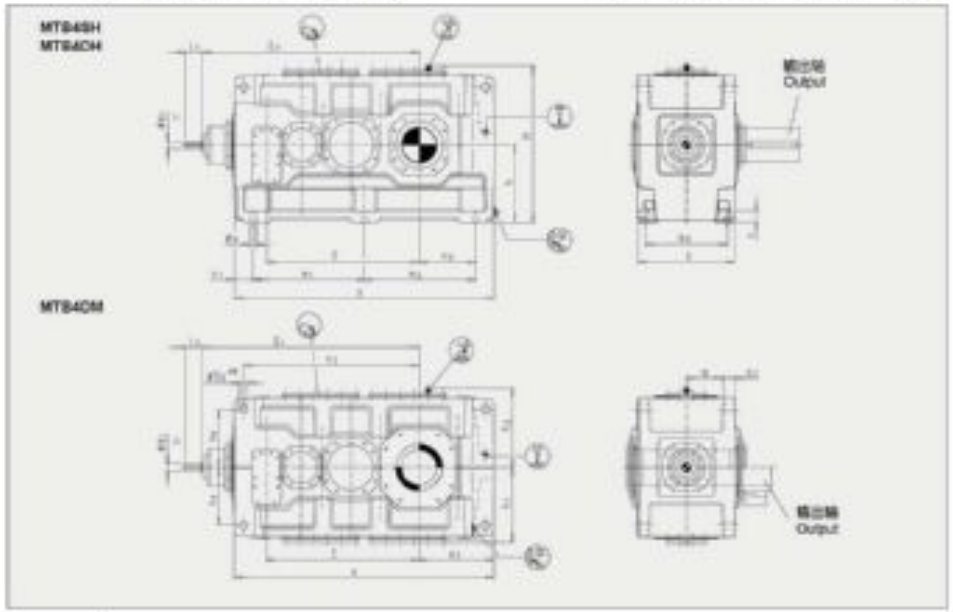
规格 Size	润滑油量 Oil quantity (l) *)		重量 Weight (kg) *) **)			
	MTB4.H	MTB4.M	MTB4SH MTB4HH MTB4DH MTB4KH	MTB4HM MTB4KM MTB4DM	MTB4FH	MTB4FM
13	145	120	2365	2280	2535	2440
14	150	125	2735	2605	2905	2775
15	200	170	3630	3435	3870	3675
16	205	175	3965	3765	4240	4020
17	295	230	4695	4460	4995	4760
18	305	235	5200	4930	5550	5280
19	480	440	6800	6300	敬请垂询 On request	
20	550	510	8200	7700		
21	540	590	9200	8600		
22	620	680	9900	9400		

尺寸以mm为单位
1）轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页
*）参考值
**）未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50，m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372
*) Approximate values
**) Without oil filling

齿轮箱 四级传动 / 卧式安装 类型 MTB4.H,MTB4DM / 规格 23-26

Gear Units Four Stage / Horizontal Type MTB4.H,MTB4DM / Sizes 23-26

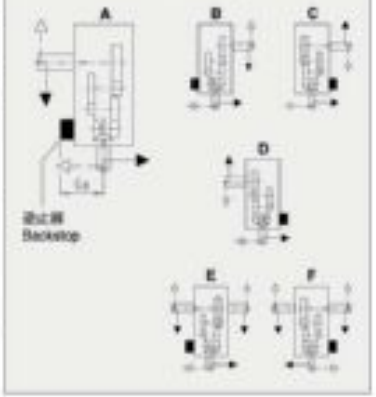


规格 Size	输入轴 / Input					
	k_6 = 80 - 180 k_6 = 90 - 200		k_6 = 200 - 315 k_6 = 224 - 355			
	d_1	l_1	d_1	l_1	G_1	G_1
23 + 24	90	165	70	140	2110	2175
25 + 26	110	205	80	170	2395	2486

规格 Size	齿轮箱 / Gear units											
	b	c	c_1	D_3	g	h_{-1}	h_1	h_2	m_3	n_1	n_4	s
23 + 24	930	115	120 ± 2	80	340	760	770	790	810	190	680	56
25 + 26	1045	130	120 ± 2	90	400	860	880	880	910	200	660	66

规格 Size	齿轮箱 / Gear units								
	a	a_2	E	H	m_1	m_2	n_2	n_3	逆止器 Backstop G_4
23	2530	730	1505	1570	1085	1085	950	1725	请咨询相关尺寸 Dimensions on request
24	2660	795	1570	1570	1085	1215	615	1780	
25	2830	790	1695	1720	1215	1215	690	1965	
26	3010	880	1785	1720	1215	1395	690	2055	

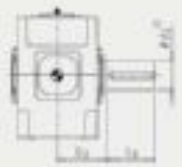
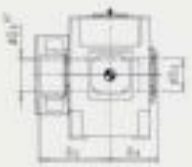
布置形式 / Design



齿轮箱 四级传动 / 卧式安装 类型 MTB4.H,MTB4DM / 规格 23-26

Gear Units Four Stage / Horizontal Type MTB4.H,MTB4DM / Sizes 23-26

输出轴 / Output

MTB4SH 实心轴 Solid shaft	MTB4DH,MTB4DM 带收缩盘的空心轴 Hollow shaft for shrink disk
	

规格 Size	MTB4SH			MTB4DH,MTB4DM			
	d_2	l_2	G_2	D_2	D_3	G_4	G_5
23	360	590	540	360	385	540	785
24	380	590	540	380	385	540	805
25	400	650	605	400	405	605	875
26	420	650	605	420	435	605	900

规格 Size	润滑油量 Oil quantity 约		重量 Weight (kg) 约	
	MTB4SH	MTB4DM	MTB4SH MTB4DH	MTB4DM
23	710	780	11600	10700
24	810	910	13500	12500
25	1000	1110	16100	15200
26	1100	1200	17800	16500

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页

*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts
- k6 ≤ Φ50 , m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372

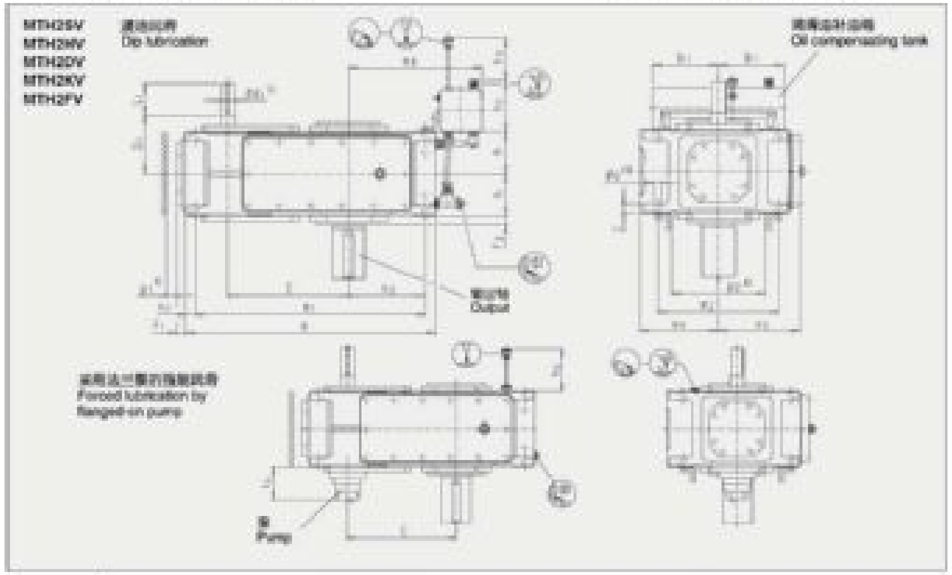
*) Approximate values
**) Without oil filling

齿轮箱 两级传动 / 立式安装 类型 MTH2.V / 规格 4-12

Gear Units Two Stage / Vertical Type MTH2.V / Sizes 4-12

MTH2SV
MTH2HV
MTH2DV
MTH2KV
MTH2FV

浸油润滑
Dip lubrication

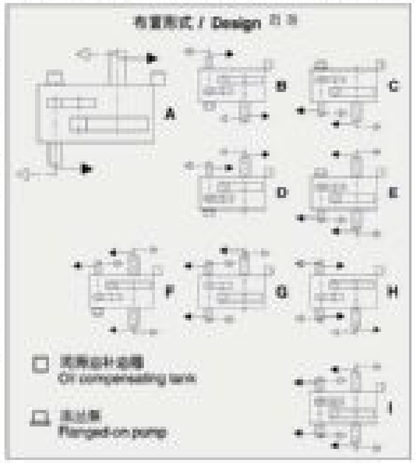


规格 Size	输入轴 / Input							布置形式 / Design G, H, I 仅用于 / only for i_N =	
	i_N = 6.3 - 11.2 / i_N = 8 - 14			i_N = 12.5 - 22.4 / i_N = 16 - 28					
	d_1	l_1	l_3	d_1	l_1	l_3	G_1		
4	45	100	80	32	80	60	170	6.3 - 18	
5 + 6	50	100	80	38	80	60	195	6.3 - 18	8 - 22.4
7 + 8	60	135	105	50	110	80	210	6.3 - 16	8 - 20
9 + 10	75	140	110	60	140	110	240	6.3 - 16	8 - 20
11 + 12	90	165	130	70	140	105	275	6.3 - 18	8 - 22.4

规格 Size	齿轮箱 / Gear units										
	b_1	c	a_4	f_1	f	h_1	h_2	h_3	m_2	n_1	s
4	150	30 ± 1	200	28	107.5	165	-	180	300	30	24
5 + 6	240	30 ± 1	230	38	127.5	205	190	240	360	30	24
7 + 8	240	36 ± 1	280	42	150	205	165	250	430	35	28
9 + 10	330	45 ± 1.5	320	42	185	275	205	330	490	40	36
11 + 12	330	54 ± 1.5	380	48	215	275	240	340	600	50	40

规格 Size	齿轮箱 / Gear units									泵 Pump l_8 2)
	a	a_1	a_2	E	f_2	m_1	n_2	D_1	D_2	
4	560	215	320	270	22	500	160	35	220	
5	640	252	365	315	28	580	175	35	270	
6	720	252	425	350	28	660	220	35	270	
7	785	292	425	385	30	715	215	35	330	根据要求提供尺寸 Dimensions on request
8	890	302	465	430	32	820	275	35	330	
9	925	342	560	450	32	845	260	40	370	
10	1025	342	610	500	32	945	310	40	370	
11	1105	402	595	545	35	1005	295	50	440	
12	1260	410	680	615	35	1160	380	50	440	

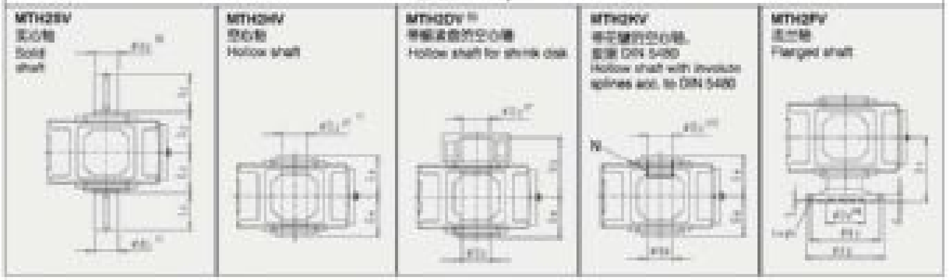
布置形式 / Design 2) 3)



齿轮箱 两级传动 / 立式安装 类型 MTH2.V / 规格 4-12

Gear Units Two Stage / Vertical Type MTH2.V / Sizes 4-12

输出轴 / Output

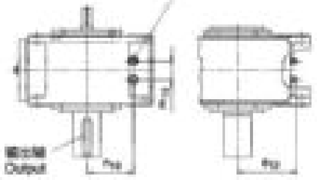


规格 Size	MTH2SV			MTH2HV		MTH2DV				MTH2KV				MTH2FV						
	d_2	l_2	G_2	D_2	G_4	D_2	D_3	G_4	G_5	N / DIN 5480	D_2	D_3	G_4	c	d_3	D_3	k_2	n x s	t	G_7
4	80	170	140	80	140	85	85	140	205	-	-	-	-	-	-	-	-	-	-	-
5	100	210	165	95	165	100	100	165	240	N 95x3x30x30x9H	89	100	165	25	300	150	260	16x22	10	255
6	110	210	165	105	165	110	110	165	240	N 95x3x30x30x9H	89	110	165	25	320	160	280	16x22	10	255
7	120	210	195	115	195	120	120	195	280	N 120x3x30x38x9H	114	120	195	30	370	180	320	16x26	10	300
8	130	250	195	125	195	130	130	195	285	N 120x3x30x38x9H	114	130	195	30	390	190	340	16x26	10	300
9	140	250	235	135	235	140	145	235	300	N 140x3x30x45x9H	134	145	235	38	430	220	380	20x26	12	350
10	160	300	235	150	235	150	155	235	350	N 140x3x30x45x9H	134	155	235	38	470	240	420	22x26	12	350
11	170	300	270	165	270	165	170	270	400	N 170x5x30x32x9H	160	170	270	42	510	260	450	18x33	12	400
12	180	300	270	180	270	180	185	270	405	N 170x5x30x32x9H	160	185	270	42	540	280	480	22x33	12	400

规格 Size	润滑油量 / Oil quantity 升 *)		重量 / Weight (kg) *) **)	
	浸油润滑 Dip lubrication	强制润滑 Forced lubrication	MTH2SV MTH2HV MTH2DV MTH2KV	MTH2FV
4	23	-	190	-
5	35	17.5	300	335
6	37	18.5	355	395
7	62	31	505	555
8	69	35	590	645
9	98	49	830	915
10	115	55	950	1050
11	160	80	1335	1465
12	180	90	1615	1755

冷却盘管 / Cooling coil 3)

冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"



规格 Size	m_{10}	n_{10}	a_{10}	l / min 4)
4	34	140	155	4
5	58	166	170	4
6	70	182	215	4
7	106	197	210	4
8	106	197	270	4
9	140	210	245	8
10	106	225	295	8
11	110	285	275	8
12	206	271	360	8

冷却盘管适用于淡水、海水和微咸的水
Cooling coil suitable for fresh, sea and brackish water

4) 所需冷却水量，冷却水压力最大值：8 巴
Cooling water quantity required; max.cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页
2) 方案：
- 布置形式 G、H 和 I 不能采用法兰泵强制润滑
3) 采用冷却盘管时：
- 布置形式 A、C 和 E 不能采用法兰泵强制润滑
4) [illegible]
5) [illegible]
*) 参考值
**) [illegible]

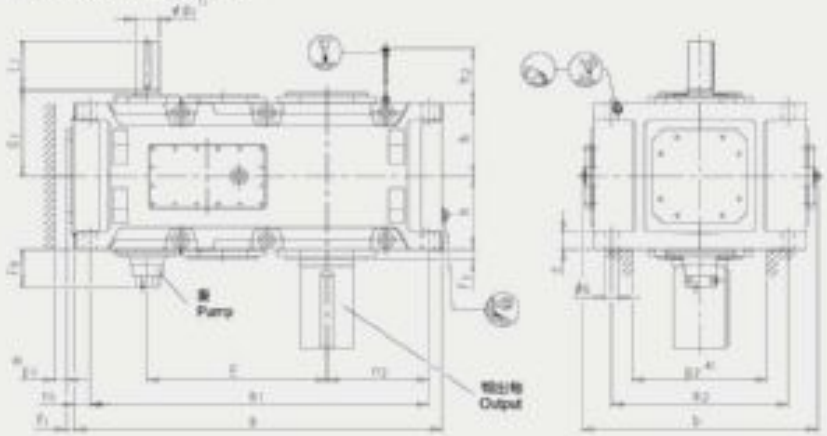
Dimensions in mm
1) Shafts:
- k6 ≤ Φ50, m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372
2) Variants:
- Flanged-on pump not possible with G, H, and I designs
3) Cooling coil
- For A, C and E designs,forced lubrication by flanged-on pump not possible
4) Space for pump, pipes and cover, for exact dimensions, please refer to us
5) A, D and G designs for gear units with hollow shaft on request
*) Approximate values
**) Without oil filling

齿轮箱 两级传动 / 立式安装 类型 MTH2.V / 规格 13-22

Gear Units Two Stage / Vertical Type MTH2.V / Sizes 13-22

MTH2SV
MTH2HV
MTH2DV
MTH2KV
MTH2FV

采用压力强制润滑
Forced lubrication by flanged-on pump

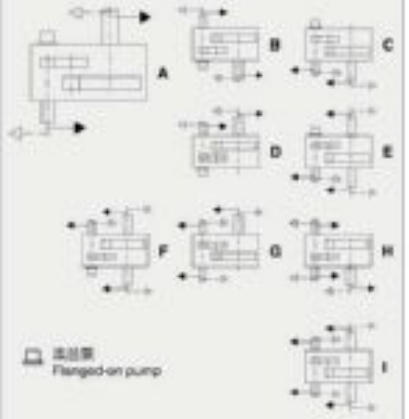


规格 Size	输入轴 / Input i_N = 6.3 - 11.2, i_N = 7.1 - 12.5		i_N = 12.5 - 20, i_N = 14 - 22.4		G_1	m 布置形式 / Design G, H, I 仅用于 / only for i_N =
	d_1	l_1	d_1	l_1		
13 + 14	100	205	85	170	330	6.3 - 16
15 + 16	120	210	100	210	365	7.1 - 18
17 + 18	125	245	110	210	420	6.3 - 16
19 + 20	垂询提供 / On request					
21 + 22						

规格 Size	齿轮箱 / Gear units b	c	f_1	h	h_2	m_2	n_1	s
13 + 14	900	61±2	53	272.5	300	680	50	46
15 + 16	960	72±2	63	310	340	750	60	55
17 + 18	1110	81±2	60	340	374	850	70	55
19 + 20	垂询提供 / On request							
21 + 22								

规格 Size	齿轮箱 / Gear units a	E	f_2	m_1	n_2	p_1	p_2	泵 / Pump $f_{2\ zh}$
13	1290	635	35	1195	360	50	500	垂询提供相关尺寸 Dimensions on request
14	1430	709	35	1330	430	50	500	
15	1550	762	42	1435	430	50	570	
16	1640	808	42	1525	475	50	570	
17	1740	860	42	1610	465	70	630	
18	1860	920	42	1730	525	70	630	
19	垂询提供 / On request							
20								
21								
22								

布置形式 / Design 2) 3)

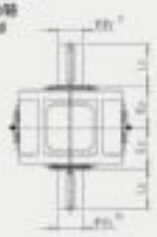


齿轮箱 两级传动 / 立式安装 类型 MTH2.V / 规格 13-22

Gear Units Two Stage / Vertical Type MTH2.V / Sizes 13-22

输出轴 / Output

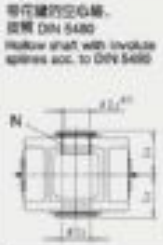
MTH2SV 实心轴 Solid



MTH2HV 1) 空心轴 Hollow shaft

MTH2DV 1) 2) 带收缩盘的空心轴 Hollow shaft for shrink disk

MTH2KV 1) 带花键的空心轴，按照 DIN 5480 Hollow shaft with involute splines acc. to DIN 5480



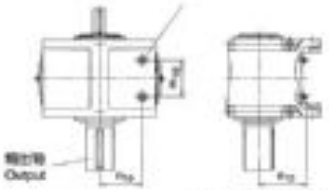
MTH2FV 法兰轴 Flangot shaft

规格 Size	MTH2SV d_2	l_2	G_2	MTH2HV D_2	G_4	MTH2DV D_2	D_3	G_4	G_5	MTH2KV N / DIN 5480	D_2	D_3	G_4	MTH2FV c	d_3	D_3	k_2	n x s	t	G_7
13	200	350	335	190	335	190	195	335	480	N 190x5x30x36x9H	190	195	335	48	580	310	500	20 x 33	14	480
14	210	350	335	210	335	210	215	335	480	N 190x5x30x36x9H	190	215	335	48	620	310	540	24 x 33	14	480
15	230	410	380	230	380	230	235	380	550	N 220x5x30x42x9H	210	235	380	55	710	360	630	28 x 33	17	550
16	240	410	380	240	380	240	245	380	550	N 220x5x30x42x9H	210	245	380	55	740	360	660	30 x 33	17	550
17	250	410	415	250	415	250	260	415	600	N 250x5x30x48x9H	240	260	415	60	750	410	660	24 x 39	18	600
18	270	470	415	275	415	280	285	415	600	N 250x5x30x48x9H	240	285	415	60	800	410	710	26 x 39	18	600
19 - 22	垂询提供 / On request																			

规格 Size	润滑油量 Oil quantity (l) 1)	重量 / Weight (kg) 1) 2) MTH2SV MTH2HV MTH2DV MTH2KV	MTH2FV
13	120	1680	2040
14	135	2430	2600
15	185	3240	3480
16	200	3465	3720
17	265	4420	4720
18	285	4970	5220
19 - 22	垂询提供 / On request		

冷却盘管 / Cooling coil 3)

冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"



规格 Size	n_{1G}	n_{2G}	n_{3G}	d mm
13	252	300	335	8
14	252	300	405	8
15	290	335	395	8
16	290	335	440	8
17	340	380	425	8
18	340	380	485	8
19 - 22	垂询提供 On request			

冷却盘管适用于淡水、海水和跨有碱性水
Cooling coil suitable for fresh, sea and brackish water

x) 所需冷却水量，冷却水压力最大值：8 巴
Cooling water quantity required, max.cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴：
- $d_2 \leq \Phi 50$，$m6 > \Phi 50$
- 键槽按照 GB/T1095-1979
- 详见页码范围 363-372 页

2) 方案：
- 布置形式 G、H 和 I 不能采用法兰泵强制润滑

3) 采用冷却盘管时：
- 布置形式 A、C 和 E 不能采用法兰泵强制润滑

4) 油泵、油管和护盖所需的空间尺寸，见下图草稿尺寸，请与我们联系

5) 对空心轴减速机有要求的A，D 和 G 请垂询

6) 规格 13 和 15：仅有 i_N = 6.3-16
规格 17 和 19：仅有 i_N = 6.3-16

*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts:
- $d_2 \leq \Phi 50$, $m6 > \Phi 50$
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372

2) Variants:
- Flanged-on pump not possible with G, H, and I designs

3) Cooling coil:
- For A, C and E designs, forced lubrication by flanged-on pump not possible

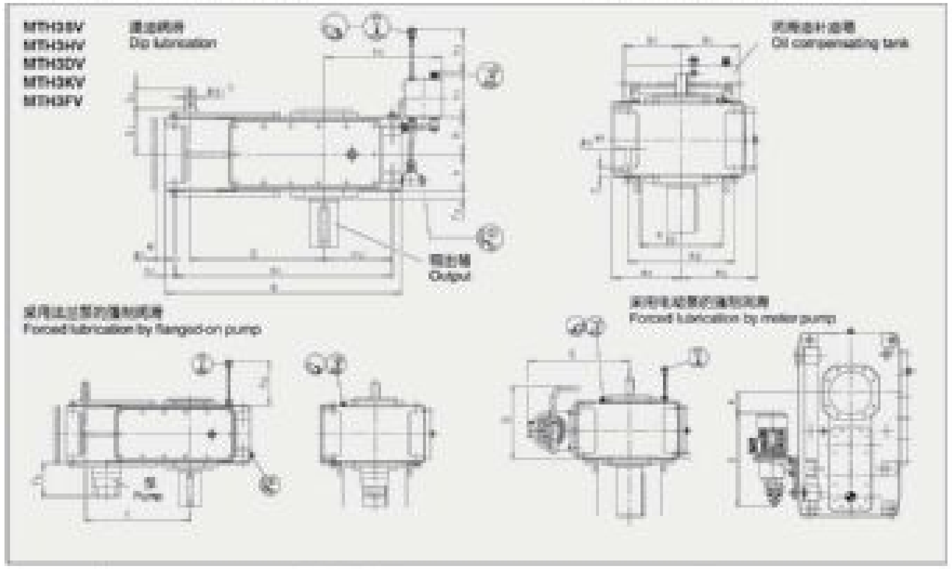
4) Space for pump, pipes and cover, for exact dimensions, please refer to us

5) A, D and G designs for gear units with hollow shaft on request

6) Size 13 and 15: only i_N = 6.3-16
Size 17 and 19: only i_N = 6.3-16

*) Approximate values
**) Without oil filling

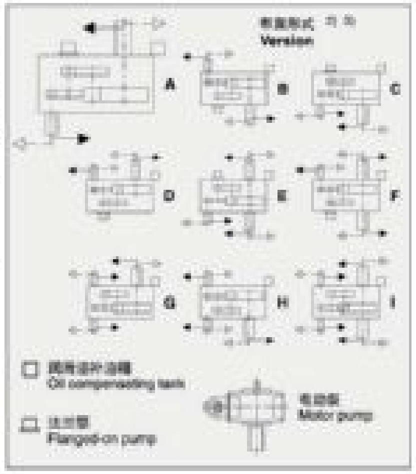
齿轮箱 三级传动 / 立式安装 型号 MTH3.V / 规格 5-12
Gear Units Three Stage / Vertical Type MTH3.V / Sizes 5-12



规格 Size	输入轴 / Input							布置形式 / Design G, H, I 仅用于 / only for i_N = [2]	
	i_N = 25 - 45 / i_N = 31.5 - 56		i_N = 50 - 63 / i_N = 63 - 80		i_N = 71 - 90 / i_N = 90 - 112				
	d_1	l_1	d_1	l_1	d_1	l_1	G_5		
5 + 6	40	70	30	50	24	40	160	25 - 90	31.5 - 112
7 + 8	45	80	35	60	28	50	185	25 - 90	31.5 - 112
9 + 10	60	125	45	100	32	80	230	25 - 90	31.5 - 112
11 + 12	70	120	50	90	42	70	255	25 - 90	31.5 - 112

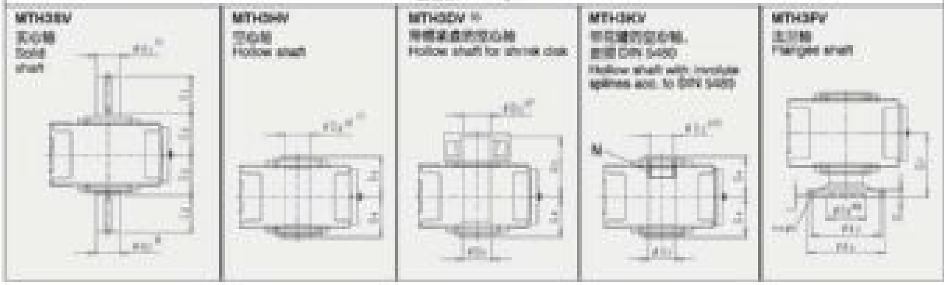
规格 Size	齿轮箱 / Gear units											
	a_1	c	e_4	h	h_1	h_2	h_3	m_2	n_3	p_1	g_2	s
5 + 6	240	30±1	230	127.5	205	190	240	360	30	35	270	24
7 + 8	240	36±1	260	150	205	165	250	430	35	35	330	28
9 + 10	330	45±1.5	320	185	275	205	330	480	40	40	370	36
11 + 12	330	54±1.5	380	215	275	240	340	600	50	50	440	40

规格 Size	齿轮箱 / Gear units							泵 Pump l_2 [2]	电动泵 / Motor pump			
	A	a_5	a_6	E	f_2	m_1	n_2		A	B	C	D
5	690	252	385	405	28	630	175	需请垂询相关尺寸 Dimensions on request				
6	770	252	425	440	28	710	220					
7	845	292	425	495	30	775	215					
8	950	332	465	540	32	880	275					
9	1000	342	560	580	32	920	260					
10	1100	342	610	630	32	1020	310					
11	1260	402	595	705	35	1160	295					
12	1365	410	680	775	35	1256	360					



齿轮箱 三级传动 / 立式安装 型号 MTH3.V / 规格 5-12
Gear Units Three Stage / Vertical Type MTH3.V / Sizes 5-12

输出轴 / Output

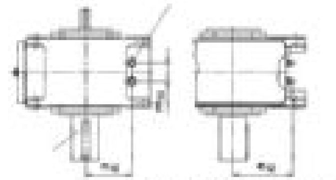


规格 Size	MTH3SV			MTH3HV		MTH3DV				MTH3KV				MTH3FV						
	d_2	l_2	G_2	D_2	G_4	D_2	D_3	G_4	G_5	N / DIN 5480	D_2	D_3	G_4	c	d_3	D_3	k_2	n x s	t	G_7
5	100	210	165	95	165	100	100	165	240	N 95x3x30x30x9H	89	100	165	25	300	150	260	16x22	10	255
6	110	210	165	105	165	110	110	165	240	N 95x3x30x30x9H	89	110	165	25	320	160	280	16x22	10	255
7	120	210	195	115	195	120	120	195	280	N 120x3x30x38x9H	114	120	195	30	370	180	320	16x26	10	300
8	130	250	195	125	195	130	130	195	285	N 120x3x30x38x9H	114	130	195	30	390	190	340	16x26	10	300
9	140	250	235	135	235	140	145	235	330	N 140x3x30x45x9H	134	145	235	38	430	220	380	20x26	12	350
10	160	300	235	150	235	150	155	235	350	N 140x3x30x45x9H	134	155	235	38	470	240	420	22x26	12	350
11	170	300	270	165	270	165	170	270	400	N 170x5x30x32x9H	160	170	270	42	510	260	450	16x33	12	400
12	180	300	270	180	270	180	185	270	405	N 170x5x30x32x9H	160	185	270	42	540	280	480	22x33	12	400

规格 Size	润滑油量 / Oil quantity (l) [*] 浸油润滑 Dip lubrication	润滑油量 / Oil quantity (l) [*] 强制润滑 Forced lubrication	重量 / Weight (kg) [*] [**] MTH3SV MTH3HV MTH3DV MTH3KV	重量 / Weight (kg) [*] [**] MTH3FV
5	36	24	320	355
6	40	27	365	405
7	64	42	540	590
8	70	47	625	680
9	110	73	875	960
10	120	80	1020	1110
11	190	110	1400	1530
12	205	130	1675	1815

冷却盘管 / Cooling coil [3]

冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"



规格 Size	m_{SP}	n_{SP}	e_{SP}	l/min [4]
5	75	170	175	4
6	75	161	200	4
7	80	197	210	4
8	80	197	270	4
9	150	213	245	4
10	90	225	295	4
11	200	265	275	8
12	200	265	360	8

冷却盘管适用于淡水、海水和咸淡混合水
Cooling coil suitable for fresh, sea and brackish water

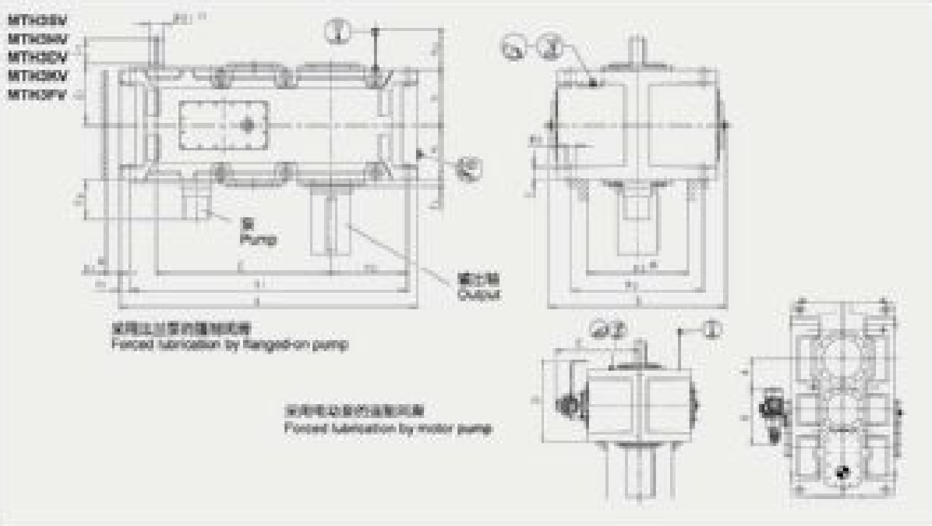
4) 所需冷却水量，冷却水压力最大值：8 巴
Cooling water quantity required; max cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页
2) 方案：
- 布置形式 G、H 和 I 不能采用法兰泵强制润滑
3) 采用冷却盘管时：
- 布置形式 A、C 和 E 不能采用法兰泵强制润滑
4) 泵、油管和护罩所需的空间尺寸，为了精确尺寸，请与我们联系
5) 对空心轴减速机布置形式 A、D 和 G 请垂询
*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50，m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372
2) Variants:
- Flanged-on pump not possible with G, H, and I designs
3) Cooling coil:
- For A, C and E designs, forced lubrication by flanged-on pump not possible
4) Space for pump, pipes and cover; for exact dimensions, please refer to us
5) A, D and G designs for gear units with hollow shaft on request
*) Approximate values
**) Without oil filling

齿轮箱 三级传动 / 立式安装 型号 MTH3.V / 规格 13-22

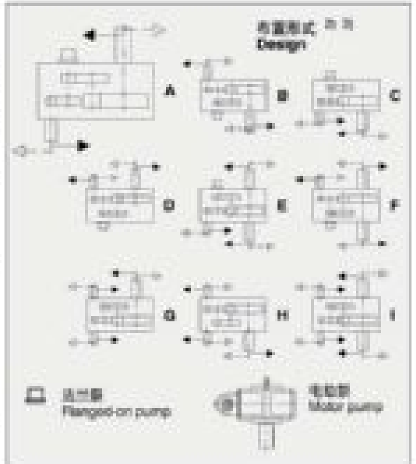
Gear Units Three Stage / Vertical Type MTH3.V / Sizes 13-22



规格 Size	输入轴 / Input i_N = 22.4 - 45 / i_N = 25 - 50 / i_N = [illegible]		i_N = 50 - 63 / i_N = 56 - 71 / i_N = [illegible]		i_N = 71 - 90 / i_N = 80 - 100 / i_N = [illegible]			布置形式 / Design G, H, I 仅用于 / only for i_N = [4)]	
	d_1	l_1	d_1	l_1	d_1	l_1	G_1		
13 + 14	85	160	60	135	50	110	310	22.4 - 90	28 - 112
15 + 16	100	200	75	140	60	140	350	22.4 - 90	25 - 100
17 + 18	100	200	75	140	60	140	380	22.4 - 90	25 - 100
19 + 20	备请垂询 / On request								
21 + 22									

规格 Size	齿轮箱 / Gear units b	c	h	h_2	m_2	n_1	n_3	o_2	s
13 + 14	900	61 ± 2	272.5	300	680	50	50	500	46
15 + 16	980	72 ± 2	310	340	750	60	50	570	55
17 + 18	1110	81 ± 2	340	374	850	70	70	630	55
19 + 20	备请垂询 / On request								
21 + 22									

规格 Size	齿轮箱 / Gear units a	E	l_2	m_1	n_2	泵 Pump t_3 [2)]	电动泵 / Motor pump A	B	C	D
13	1365	820	35	1300	360	备请垂询 相关尺寸 Dimensions on request				
14	1535	890	35	1440	430					
15	1680	987	40	1565	430					
16	1770	1030	40	1656	475					
17	1770	1035	40	1640	465					
18	1880	1090	40	1750	525					
19 + 20	备请垂询 / On request									
21 + 22										

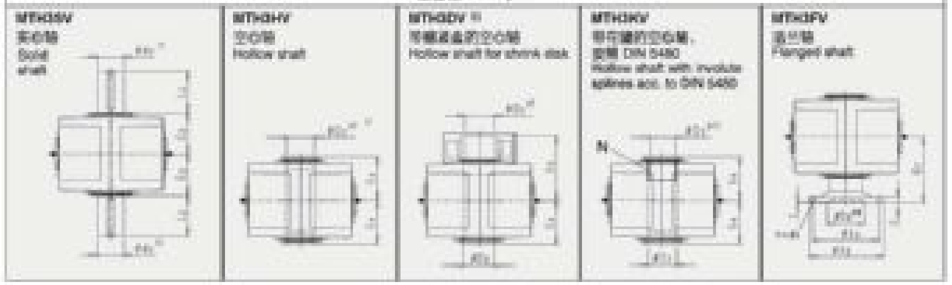


HIGH POWER REDUCTOR 大功率减速机 MTH MTB

齿轮箱 三级传动 / 立式安装 型号 MTH3.V / 规格 13-22

Gear Units Three Stage / Vertical Type MTH3.V / Sizes 13-22

输出轴 / Output

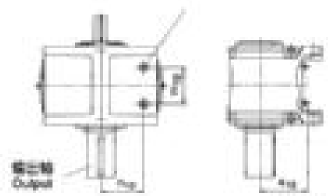


规格 Size	MTH3SV d_2	l_2	G_2	MTH3HV D_2	G_4	MTH3DV D_2	D_3	G_4	G_5	MTH3KV N / DIN 5480	D_2	D_3	G_4	MTH3FV c	d_2	D_3	k_2	n x s	t	G_7
13	200	350	335	190	335	190	195	335	460	N 190x5x30x36x9H	190	195	335	48	580	310	500	20 x 33	14	460
14	210	350	335	210	335	210	215	335	460	N 190x5x30x36x9H	190	215	335	48	620	310	540	24 x 33	14	460
15	230	410	380	230	380	230	235	380	550	N 220x5x30x42x9H	210	235	380	55	710	360	630	28 x 33	17	550
16	240	410	380	240	380	240	245	380	550	N 220x5x30x42x9H	210	245	380	55	740	360	660	30 x 33	17	550
17	250	410	415	250	415	250	260	415	600	N 250x5x30x48x9H	240	260	415	60	750	410	660	24 x 39	18	600
18	270	470	415	275	415	280	285	415	600	N 250x5x30x48x9H	240	285	415	60	800	410	710	28 x 39	18	600
19 - 22	备请垂询 / On request																			

规格 Size	润滑油量 Oil quantity (l) *)	重量 / Weight (kg) *) **) MTH3SV MTH3HV MTH3DV MTH3KV	MTH3FV
13	160	2155	2315
14	180	2490	2660
15	255	3260	3500
16	260	3525	3860
17	325	4250	4550
18	335	4740	5090
19 - 22	备请垂询 / On request		

冷却盘管 / Cooling coil [3)]

冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"



规格 Size	m_{10}	n_{10}	e_{10}	l/min [4)]
13	252	300	305	8
14	252	300	405	8
15	290	340	395	8
16	290	340	440	8
17	300	380	425	8
18	300	380	485	8
19 - 22	备请垂询 On request			

冷却盘管适用于淡水、海水和咸淡水
Cooling coil suitable for fresh, sea and brackish water

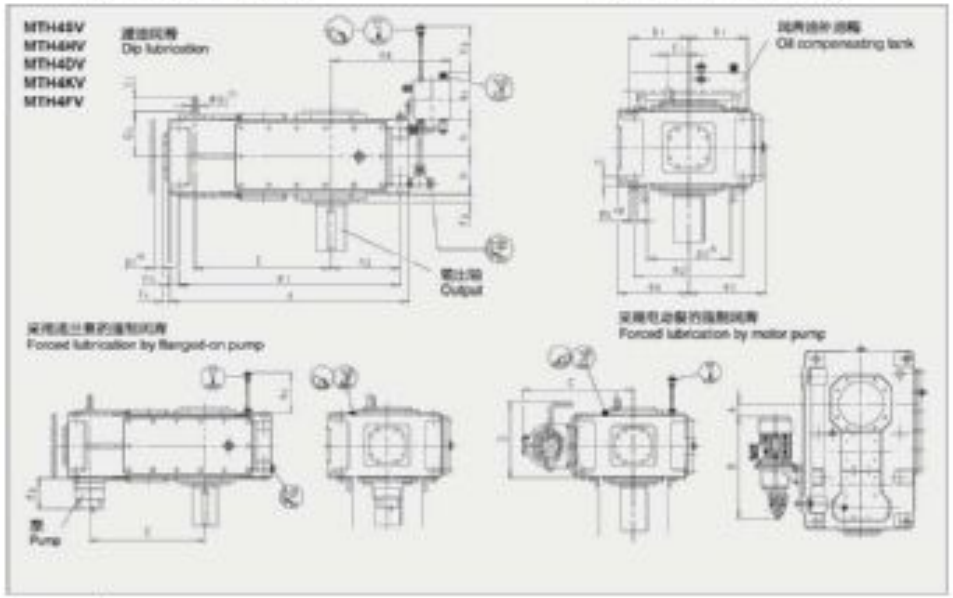
4) 所需冷却水量，冷却水压力最大值：8 巴
Cooling water quantity required; max cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 353-372 页
2) 方案：
- 布置形式G、H和I下能采用法兰泵强制润滑
3) 采用冷却盘管时：
- 布置形式A、C和E下能采用法兰泵强制润滑
4) 油泵、油管和护罩所需的空间尺寸，要了解精确尺寸，请与我们联系
5) 对空心轴减速机布置形式A、D和G请垂询
*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50，m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 353-372
2) Variants:
- Flanged-on pump not possible with G, H, and I designs
3) Cooling coil:
- For A, C and E designs, forced lubrication by flanged-on pump not possible
4) Space for pump, pipes and cover, for exact dimensions, please refer to us
5) A, D and G designs for gear units with hollow shaft on request
*) Approximate values
**) Without oil filling

齿轮箱 四级传动 / 立式安装
型号 MTH4.V / 规格 7-12

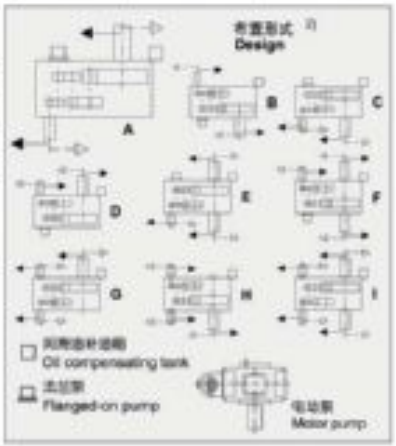
Gear Units Four Stage / Vertical
Type MTH4.V / Sizes 7-12



规格 Size	输入轴 / Input i_N = 100 - 160, i_N = 125 - 224 d_1	l_1	i_N = 200 - 355, i_N = 250 - 400 d_1	l_1	G_1	2) 布置形式 / Design G,H,I 仅用于 / only for i_N =	
7 + 8	30	50	24	40	160	100 - 224	125 - 280
9 + 10	35	60	28	50	215	100 - 250	125 - 315
11 + 12	45	100	32	80	250	100 - 250	125 - 315

规格 Size	齿轮箱 / Gear units b_1	d	e_6	E_1	f_1	h	h_1	h_2	h_3	m_2	n_1	p_1	p_2	s
7 + 8	240	38 ± 1	280	80	37	150	205	165	250	430	35	35	330	28
9 + 10	330	45 ± 1.5	320	90	43	180	275	205	330	490	40	40	370	36
11 + 12	330	54 ± 1.5	380	110	47	215	275	240	340	600	50	50	440	40

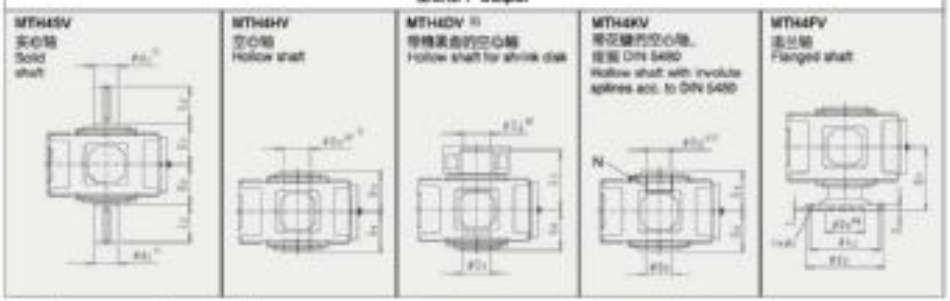
规格 Size	齿轮箱 / Gear units a	e_3	e_5	E	f_2	m_1	n_2	泵 f_3	电动泵 / Motor pump A	B	C	D
7	845	292	425	495	30	775	215	要请参考相关尺寸 Dimensions on request				
8	956	302	485	540	32	880	275					
9	1000	342	560	580	32	920	260					
10	1100	342	610	630	32	1020	310					
11	1200	402	595	705	35	1100	295					
12	1355	410	680	775	35	1255	380					



齿轮箱 四级传动 / 立式安装
型号 MTH4.V / 规格 7-12

Gear Units Four Stage / Vertical
Type MTH4.V / Sizes 7-12

输出轴 / Output



规格 Size	MTH4SV d_2	l_2	G_2	MTH4HV D_2	G_4	MTH4DV D_2	D_3	G_4	G_5	MTH4KV N / DIN 5480	D_2	D_3	G_4	MTH4FV c	d_2	D_3	k_2	n x s	t	G_7
7	120	210	195	115	195	120	120	195	260	N 120x3x30x36x9H	114	120	195	30	370	180	320	16 x 25	10	300
8	130	250	195	125	195	130	130	195	265	N 120x3x30x36x9H	114	130	195	30	390	190	340	16 x 25	10	300
9	140	250	235	135	235	140	145	235	330	N 140x3x30x45x9H	134	145	235	38	430	220	380	20 x 25	12	350
10	160	300	235	150	235	150	155	235	350	N 140x3x30x45x9H	134	155	235	38	470	240	420	22 x 25	12	350
11	170	300	270	165	270	165	170	270	400	N 170x5x30x32x9H	160	170	270	42	510	260	450	18 x 33	12	400
12	180	300	270	180	270	180	185	270	405	N 170x5x30x32x9H	160	185	270	42	540	280	480	22 x 33	12	400

规格 Size	润滑油量 Oil quantity (l) 1) 浸油润滑 Dip lubrication	强制润滑 Forced lubrication	重量 / Weight (kg) 1) 3) MTH4SV MTH4HV MTH4DV MTH4KV	MTH4FV
7	60	44	550	600
8	65	48	645	709
9	105	78	975	960
10	110	81	1010	1100
11	175	113	1460	1590
12	200	129	1725	1905

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页

2) 变型：
- 布置形式 G、H 和 I 不能采用法兰泵强制润滑

4) 油泵、油管和护盖所需的空间尺寸，请与我们联系

5) 对空心轴减速机的布置形式 A 和 D 请咨询

*) 参考值

**) 未注油时

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50 , m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372

2) Variants:
- Flanged-on pump not possible with G, H, and I designs

4) Space for pump, pipes and cover, for exact dimensions, please refer to us

5) A and D designs for gear units with hollow shaft on request

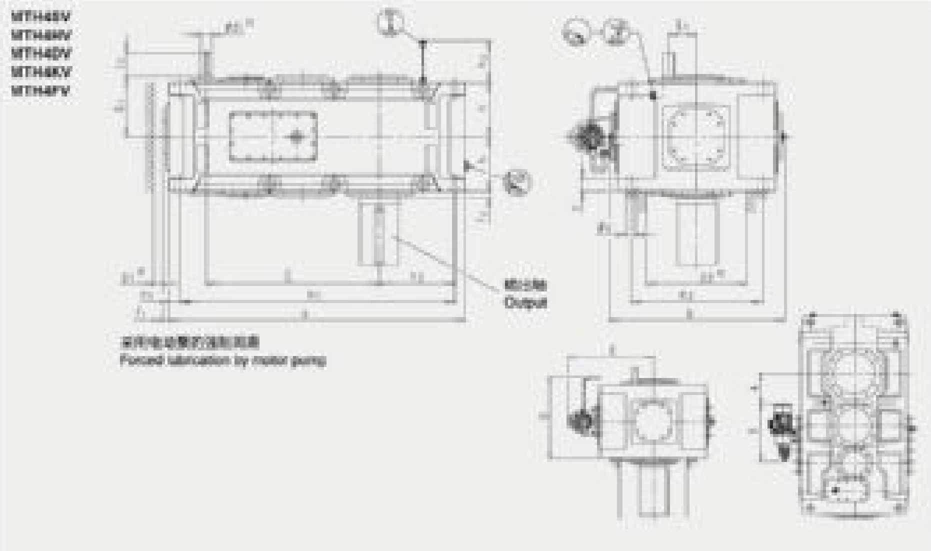
*) Approximate values

**) Without oil filling

齿轮箱 四级传动 / 立式安装 型号 MTH4..V / 规格 13-22

Gear Units Four Stage / Vertical Type MTH4..V / Sizes 13-22

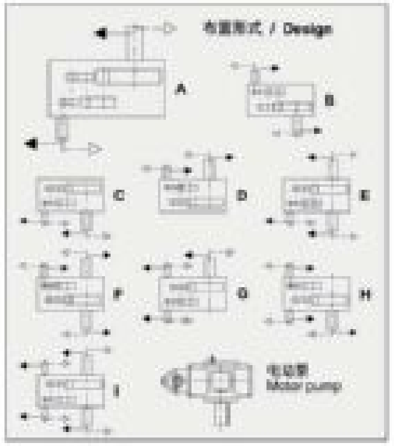
MTH4SV
MTH4HV
MTH4DV
MTH4KV
MTH4FV



规格 Size	输入轴 / Input					5) 布置形式 / Design G,H,I 仅用于 / only for i_N =	
	i_N = 100 - 180 i_N = 112 - 200 i_N = 125 - 224		i_N = 200 - 355 i_N = 224 - 400 i_N = 250 - 450				
	d_1	l_1	d_1	l_1	G_1		
13 + 14	50	100	38	80	305	100 - 250	125 - 315
15 + 16	60	135	50	110	345	100 - 250	112 - 280
17 + 18	60	105	50	80	380	–	–
19 + 20	备询垂询 / On request						
21 + 22							

规格 Size	齿轮箱 / Gear units b	c	E_1	h	h_2	m_2	n_1	p_1	p_2	s
13 + 14	800	81 ± 2	130	272.5	300	680	50	50	500	48
15 + 16	880	72 ± 2	160	310	340	750	60	60	570	56
17 + 18	1110	81 ± 2	160	340	374	850	70	70	630	56
19 + 20	备询垂询 / On request									
21 + 22										

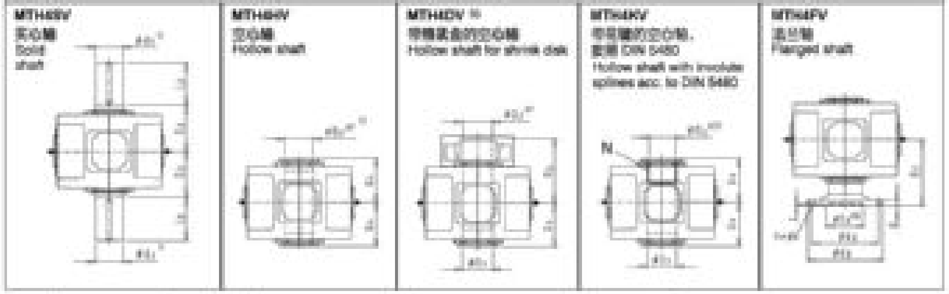
规格 Size	齿轮箱 / Gear units a	E	f_1	f_2	m_1	n_2	电动泵 / Motor pump A	B	C	D
13	1395	820	47	35	1300	360	备询垂询 相关尺寸 Dimensions on request			
14	1535	890	47	35	1440	430				
15	1660	987	56	42	1565	430				
16	1770	1033	56	42	1655	475				
17	1770	1035	53	42	1640	465				
18	1890	1095	53	42	1760	525				
19 + 20	备询垂询 / On request									
21 + 22										



齿轮箱 四级传动 / 立式安装 型号 MTH4..V / 规格 13-22

Gear Units Four Stage / Vertical Type MTH4..V / Sizes 13-22

输出轴 / Output



规格 Size	MTH4SV d_2	l_2	G_2	MTH4HV D_2	G_4	MTH4DV D_2	D_3	G_4	G_5	MTH4KV N / DIN 5480	D_2	D_3	G_4	MTH4FV c	d_2	D_3	k_2	n x s	t	G_7
13	200	350	335	190	335	190	195	335	480	N 190x5x30x36x8H	180	195	335	48	580	310	500	20 x 33	14	480
14	210	350	335	210	335	210	215	335	480	N 190x5x30x36x8H	180	215	335	48	620	310	540	24 x 33	14	480
15	230	410	380	230	380	230	235	380	550	N 220x5x30x42x8H	210	235	380	55	710	360	630	26 x 33	17	550
16	240	410	380	240	380	240	245	380	550	N 220x5x30x42x8H	210	245	380	55	740	360	660	30 x 33	17	550
17	250	410	415	250	415	250	260	415	600	N 250x5x30x48x8H	240	260	415	60	750	410	660	24 x 39	18	600
18	275	470	415	275	415	280	285	415	600	N 250x5x30x48x8H	240	285	415	60	800	410	710	26 x 39	18	600
19 - 22	备询垂询 / On request																			

规格 Size	润滑油量 Oil quantity (l) *)	重量 / Weight (kg) *) **) MTH4SV MTH4HV MTH4DV MTH4KV	MTH4FV
13	140	2270	2430
14	160	2600	2770
15	200	3440	3680
16	230	3740	3995
17	280	4445	4745
18	300	4915	5265
19 - 22	备询垂询 / On request		

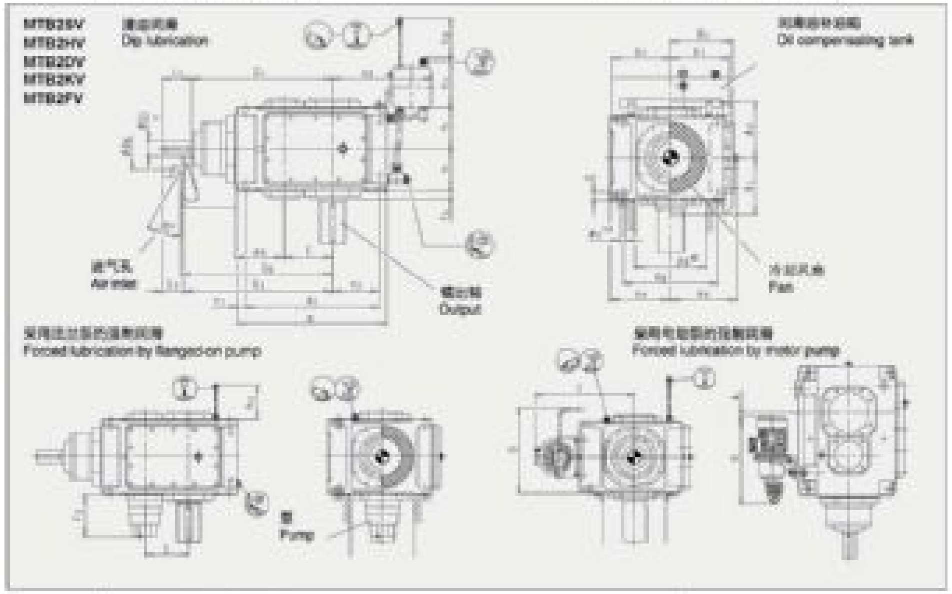
尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1079
- 有关细节见第 363-372 页
4) 油泵、油管和护盖所需的空间尺寸，如了解精确尺寸，请与我们联系
5) 对空心轴减速机布置形式 A和D仅需备询
*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts
- k6 ≤ Φ50, m6 > Φ50
- Keyway acc. to GB/T1095-1079
- For details, see pages 363-372
4) Space for pump, pipes and cover, for exact dimensions, please refer to us
5) A and D designs for gear units with hollow shaft on request
*) Approximate values
**) Without oil filling

齿轮箱 两级传动 / 立式安装 类型 MTB2.V / 规格 4-12

Gear Units Two Stage / Vertical Type MTB2.V / Sizes 4-12

MTB2SV
MTB2HV
MTB2DV
MTB2KV
MTB2FV

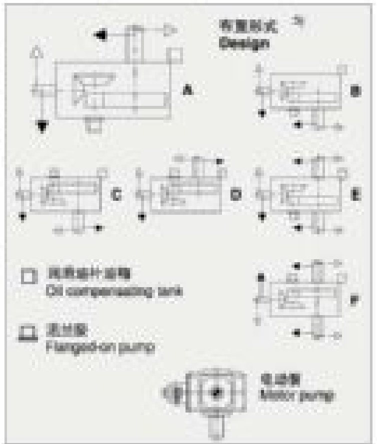


规格 Size	输入轴 / Input i_N = 5 - 11.2, i_N = 6.3 - 14: d_1	l_1	l_2	G_1	G_2	G_1	G_2	冷却风扇 / Fan: A_1	B_1	d_8
4	45	100	80	465	465	-	-	188	200	150
5 + 6	55	110	80	535	565	570	600	215	235	160
7 + 8	70	135	105	640	670	685	715	250	285	210
9 + 10	80	165	130	755	790	805	840	270	325	195
11 + 12	90	165	130	925	960	995	1030	329	385	210

规格 Size	齿轮箱 / Gear units: b_1	i	a_2	a_3	a_4	f_2	h	h_1	h_2	h_3	m_2	n_1	s
4	160	30 ± 1	100	200	215	26	135	165	-	180	300	30	24
5 + 6	240	30 ± 1	185	230	252	30	160	205	245	240	380	30	24
7 + 8	240	36 ± 1	225	280	302	32	190	205	220	250	430	35	28
9 + 10	330	45 ± 1.5	265	320	342	45	220	275	250	330	490	40	36
11 + 12	330	54 ± 1.5	320	380	410	47	265	275	330	340	600	50	40

规格 Size	齿轮箱 / Gear units: a	a_3	E	G_8	m_1	n_2	p_2	泵 Pump t_1	电动泵 / Motor pump A	B	C	D
4	505	320	160	495	445	160	220	-	-	-	-	-
5	565	385	165	575	505	175	270	根据要求相关尺寸 Dimensions on request				
6	645	425	220	610	585	220	270					
7	690	425	225	665	620	215	330					
8	795	485	270	730	725	275	330					
9	820	560	265	805	740	260	370					
10	920	610	315	855	840	310	370					
11	975	595	320	980	875	295	440					
12	1130	650	380	1050	1030	380	440					

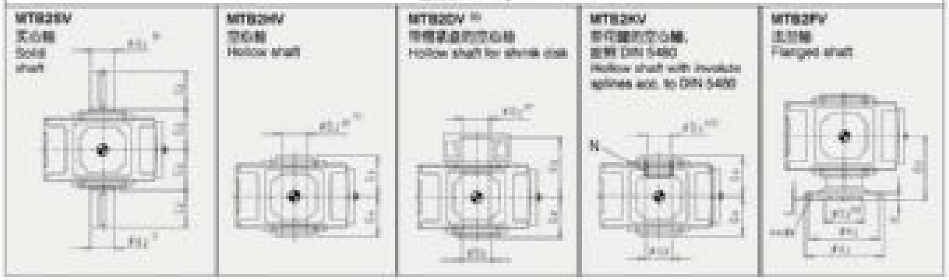
布置形式 [5] Design



齿轮箱 两级传动 / 立式安装 类型 MTB2.V / 规格 4-12

Gear Units Two Stage / Vertical Type MTB2.V / Sizes 4-12

输出轴 / Output

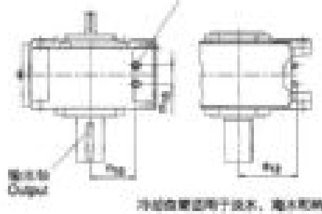


规格 Size	MTB2SV d_2	l_2	G_2	MTB2HV D_2	G_4	MTB2DV D_2	D_3	G_4	G_5	MTB2KV N / DIN 5480	G_2	D_3	G_4	MTB2FV c	d_2	D_3	k_2	n x s	t	G_7
4	80	170	170	80	170	85	85	170	235	-	-	-	-	-	-	-	-	-	-	-
5	100	210	200	95	200	100	100	200	275	N 95x3x30x30x9H	89	100	200	25	360	150	280	16x22	10	290
6	110	210	200	105	200	110	110	200	275	N 95x3x30x30x9H	89	110	200	25	320	160	280	16x22	10	290
7	120	210	235	115	235	120	120	235	320	N 120x3x30x38x9H	114	120	235	30	370	180	320	16x26	10	340
8	130	250	235	125	235	130	130	235	325	N 120x3x30x38x9H	114	130	235	30	390	190	340	16x26	10	340
9	140	250	270	135	270	140	145	270	365	N 140x3x30x45x9H	134	145	270	38	430	220	380	20x26	12	385
10	160	300	270	150	270	150	155	270	385	N 140x3x30x45x9H	134	155	270	38	470	240	420	22x26	12	385
11	170	300	320	165	320	165	170	320	450	N 170x5x30x32x9H	160	170	320	42	510	260	450	18x33	12	450
12	180	300	320	180	320	180	185	320	455	N 170x5x30x32x9H	160	185	320	42	540	280	480	22x33	12	450

规格 Size	润滑油量 / Oil quantity (l) [*] 浸油润滑 Dip lubrication	强制润滑 Forced lubrication	重量 / Weight (kg) [*][**] MTB2SV MTB2HV MTB2DV MTB2KV	MTB2FV
4	23.5	-	235	-
5	38	19	380	400
6	46	23	410	455
7	74	37	615	670
8	81	40	700	760
9	115	57	1060	1090
10	120	60	1155	1250
11	190	95	1640	1775
12	225	114	1910	2060

冷却盘管 / Cooling coil [3]

冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"



规格 Size	m_{12}	a_{12}	e_{12}	l/min
4	74	146	160	4
5	136	168	175	8
6	126	182	220	4
7	146	200	210	8
8	146	200	270	4
9	232	210	245	8
10	156	230	295	8
11	312	265	275	8
12	306	265	360	8

冷却盘管适用于淡水、海水和咸水
Cooling coil suitable for fresh, sea and brackish water

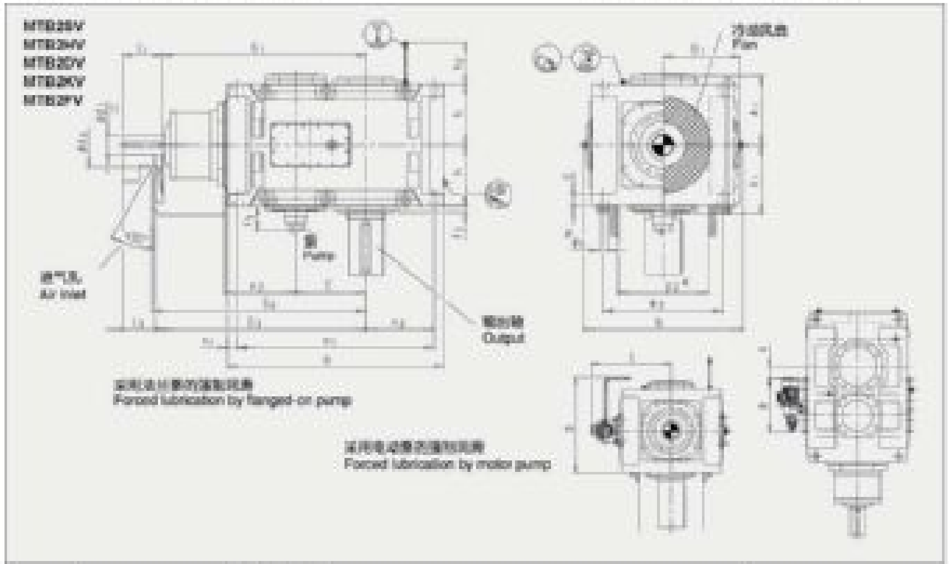
※ 所需冷却水量, 冷却水压力最大值: 8 巴
Cooling water quantity required; max.cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴:
- k6≤Φ50, m6>Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页
3) 采用冷却盘管时:
- 布置形式 C、D 和 F 不能采用法兰泵强制润滑
4) 泵、油管和护罩所需的空间尺寸, 定了精确的尺寸, 请与我们联系
5) 空心轴减速机布置形式 A 和 D 请垂询
*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts
- k6 ≤ Φ50 , m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372
3) Cooling coil
- For C, D and F designs, forced lubrication by flanged-on pump not possible
4) Space for pump, pipes and cover, for exact dimensions, please refer to us
5) A and D designs for gear units with hollow shaft on request
*) Approximate values
**) Without oil filling

齿轮箱 两级传动 / 立式安装 类型 MTB2.V / 规格 13-18

Gear Units Two Stage / Vertical Type MTB2.V / Sizes 13-18

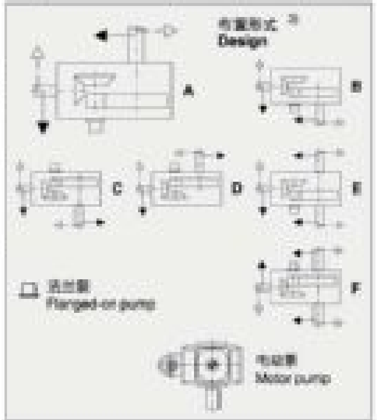


规格 Size	输入轴 / Input										冷却风扇 / Fan		
	i_N = 5 - 11.2; i_N = 6.3 - 14; [illegible]			i_N = 5.6 - 11.2; i_N = 5.6 - 12.5									
	d_1	l_1	l_2	d_1	l_1	l_2	G_1	G_3	G_1	G_3	A_1	B_1	d_B
13 + 14	110	205	165				1070	1110	1140	1180	375	450	245
15	130	245	200				1277	1322			435	495	280
16				130	245	200			1323	1368	435	495	280
17				150	245	200	1430	1480			505	555	380
18	150	245	200				[illegible]	[illegible]			505	555	380

规格 Size	齿轮箱 / Gear units								
	b	c	a_0	h	h_2	m_2	n_1	D_3	s
13 + 14	900	61 ± 2	380	325	350	690	50	500	48
15 + 16	980	72 ± 2	450	380	430	750	60	570	55
17 + 18	1110	81 ± 2	510	437.5	480	840	70	630	65

规格 Size	齿轮箱 / Gear units						泵 Pump	电动泵 / Motor pump			
	a	E	l_2	G_4	m_1	n_2	l_3	A	B	C	D
13	1130	370	38	1130	1035	360	根据需要相关尺寸 Dimensions on request				
14	1270	440	45	1200	1175	400					
15	1350	442	75	1340	1205	430					
16	1440	488	75	1385	1325	475					
17	1480	490	98	1500	1360	465					
18	1610	550	98	1560	1460	505					

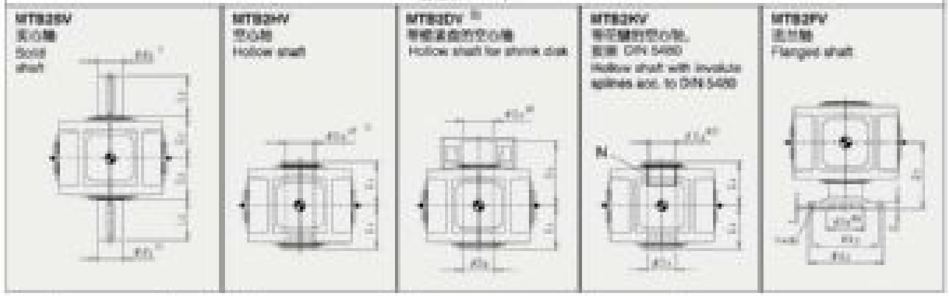
布置形式 [5]
Design



齿轮箱 两级传动 / 立式安装 类型 MTB2.V / 规格 13-18

Gear Units Two Stage / Vertical Type MTB2.V / Sizes 13-18

输出轴 / Output

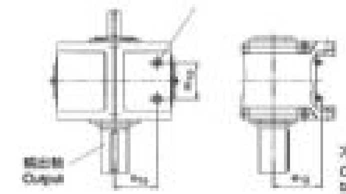


规格 Size	MTB2SV			MTB2HV		MTB2DV				MTB2KV				MTB2FV						
	d_2	l_2	G_2	D_2	G_6	D_2	D_3	G_4	G_5	N / DIN 5480	D_2	D_3	G_6	c	d_2	D_3	k_2	n x s	t	G_7
13	200	350	390	-	-	-	-	-	-	-	-	-	-	48	580	310	500	20 x 33	14	525
14	210	350	390	210	390	210	215	390	535	N 190x5x30x36x9H	180	215	390	48	620	310	540	24 x 33	14	525
15	230	410	460	-	-	-	-	-	-	-	-	-	-	55	710	360	630	28 x 33	17	625
16	240	410	460	240	450	240	245	450	620	N 220x5x30x42x9H	210	245	450	55	740	360	660	30 x 33	17	625
17	250	410	540	-	-	-	-	-	-	-	-	-	-	60	750	410	660	24 x 39	18	695
18	270	470	540	275	510	280	285	510	700	N 250x5x30x48x9H	240	285	510	60	800	410	710	26 x 39	18	695

规格 Size	润滑油量 Oil quantity (l) *)	重量 / Weight (kg) *) **) MTB2SV MTB2HV MTB2DV MTB2KV	MTB2FV
13	125	2350	2520
14	140	2725	2905
15	190	3795	4050
16	200	4160	4430
17	270	5320	5640
18	295	5860	6230

冷却盘管 Cooling coil [3]

冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"



规格 Size	m_{10}	n_{10}	s_{10}	(l/min)
13	324	300	335	8
14	324	300	405	8
15	396	345	390	8
16	396	345	435	8
17	324	395	425	8
18	324	395	465	8

冷却盘管适用于淡水、海水和咸水
Cooling coil suitable for fresh, sea and brackish water

K) 所需冷却水量,冷却水压力最大值：8 巴
Cooling water quantity required, max.cooling water pressure: 8 bar

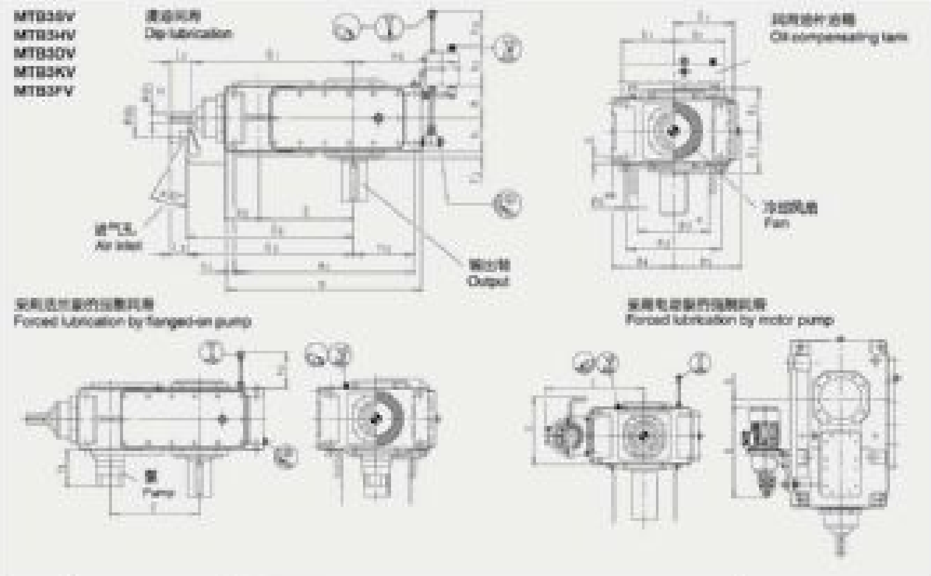
尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 详细资料见第 353-372 页
3) 采用冷却盘管时：
- 布置形式C、D和F不能采用法兰泵强制润滑
4) 泵、管道和护罩所需的空间尺寸，如了解精确尺寸，请与我们联系
5) 对空心轴减速机布置形式A和D请咨询
*) 参考值
**) 未注润滑油

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50，m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 353-372
3) Cooling coil
- For C, D and F designs,forced lubrication by flanged-on pump not possible
4) Space for pump, pipes and cover, for exact dimensions, please refer to us.
5) A and D designs for gear units with hollow shaft on request
*) Approximate values
**) Without oil filling

齿轮箱 三级传动 / 立式安装 类型 MTB3.V / 规格 4-12

Gear Units Three Stage / Vertical Type MTB3.V / Sizes 4-12

MTB3SV
MTB3HV
MTB3DV
MTB3KV
MTB3FV

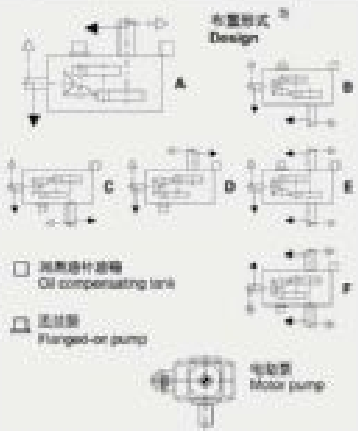


规格 Size	输入轴 / Input i_N = 12.5 - 45, i_N = 16 - 56			i_N = 50 - 71, i_N = 63 - 90							冷却风扇 / Fan		
	d_1	l_1	l_3	d_1	l_1	l_3	G_5	G_2	G_1	G_3	A_1	B_1	a_6
4	30	70	50	25	60	40	500	520	-	-	143	200	110
5 + 6	35	80	60	28	60	40	575	595	610	630	168	235	130
7 + 8	45	100	80	35	80	60	690	710	735	755	193	275	165
9 + 10	55	110	80	40	100	70	800	830	850	880	231	325	175
11 + 12	70	135	105	50	110	80	960	990	1030	1060	263	385	190

规格 Size	齿轮箱 / Gear units b_1	c	a_3	a_4	h	h_1	h_2	h_3	m_2	n_1	s_3	s
4	150	30±1	110	200	107.5	165	-	180	300	30	220	24
5 + 6	240	30±1	130	230	127.5	205	180	240	360	30	270	24
7 + 8	240	36±1	160	280	150	205	165	250	430	35	300	28
9 + 10	330	45±1.5	165	320	185	275	205	330	490	40	370	36
11 + 12	330	54±1.5	225	380	215	275	240	340	600	50	440	40

规格 Size	齿轮箱 / Gear units a	a_1	a_2	E	l_2	G_6	m_1	n_2	泵 Pump l_5	电动泵 / Motor pump A	B	C	D
4	565	215	320	270	22	530	505	160	-	-	-	-	-
5	640	252	385	315	28	605	580	175	需请参询相关尺寸 Dimensions on request				
6	720	252	425	350	28	640	660	220					
7	785	292	425	385	30	720	715	215					
8	890	302	485	430	32	765	820	275					
9	925	342	560	450	32	845	845	260					
10	1025	342	610	500	32	895	945	310					
11	1105	402	595	545	36	1010	1005	295					
12	1260	410	680	615	35	1080	1160	350					

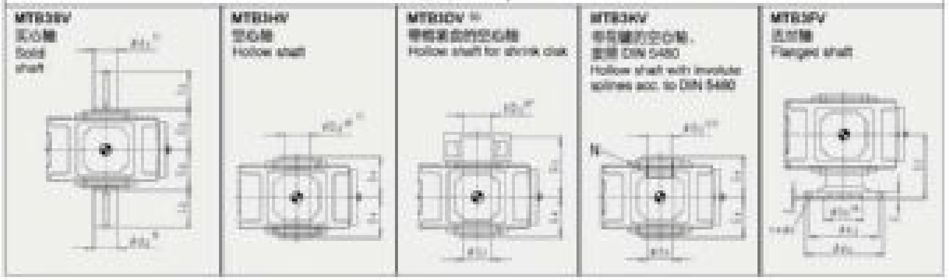
布置形式 [5]
Design



齿轮箱 三级传动 / 立式安装 类型 MTB3.V / 规格 4-12

Gear Units Three Stage / Vertical Type MTB3.V / Sizes 4-12

输出轴 / Output

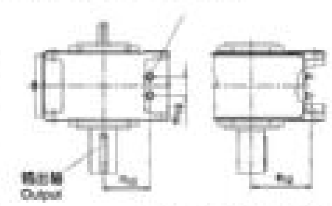


规格 Size	MTB3SV d_2	l_2	G_2	MTB3HV D_2	G_4	MTB3DV D_2	D_3	G_4	G_5	MTB3KV N / DIN 5480	D_2	D_3	G_4	MTB3FV c	d_2	D_3	k_2	n x s	t	G_7
4	80	170	140	80	140	85	85	140	205	-	-	-	-	-	-	-	-	-	-	-
5	100	210	165	95	165	100	100	165	240	N 95x3x30x30x9H	89	100	165	25	300	150	260	16x22	10	255
6	110	210	165	105	165	110	110	165	240	N 95x3x30x30x9H	89	110	165	25	320	160	280	16x22	10	255
7	120	210	195	115	195	120	120	195	280	N 120x3x30x38x9H	114	120	195	30	370	180	320	16x26	10	300
8	130	250	195	125	195	130	130	195	285	N 120x3x30x38x9H	114	130	195	30	390	190	340	16x26	10	300
9	140	250	235	135	235	140	145	235	330	N 140x3x30x45x9H	134	145	235	38	430	220	380	20x26	12	350
10	160	300	235	150	235	150	155	235	350	N 140x3x30x45x9H	134	155	235	38	470	240	420	22x26	12	350
11	170	300	270	165	270	165	170	270	400	N 170x5x30x32x9H	160	170	270	42	510	260	450	18x33	12	400
12	180	300	270	180	270	180	185	270	405	N 170x5x30x32x9H	160	185	270	42	540	280	480	22x33	12	400

规格 Size	润滑油量 / Oil quantity (l) *) 浸油润滑 Dip lubrication	强制润滑 Forced lubrication	重量 / Weight (kg) *) **) MTB3SV MTB3HV MTB3DV MTB3KV	MTB3FV
4	20	-	210	-
5	34	17	325	360
6	36	18	360	420
7	60	30	550	600
8	68	34	635	690
9	96	48	890	975
10	105	52	1020	1110
11	155	77	1455	1585
12	175	87	1730	1870

冷却盘管 / Cooling coil [3]

冷却盘管接口尺寸 G1/2"
Water connection for cooling coil G1/2"



规格 Size	m_{12}	n_{12}	a_{12}	l/min [4]
4	34	140	155	4
5	68	168	170	4
6	76	162	215	4
7	106	197	210	4
8	106	197	270	4
9	146	210	245	6
10	106	225	295	6
11	150	285	275	6
12	206	271	360	6

冷却盘管适用于淡水、海水和微咸的水
Cooling coil suitable for fresh, sea and brackish water

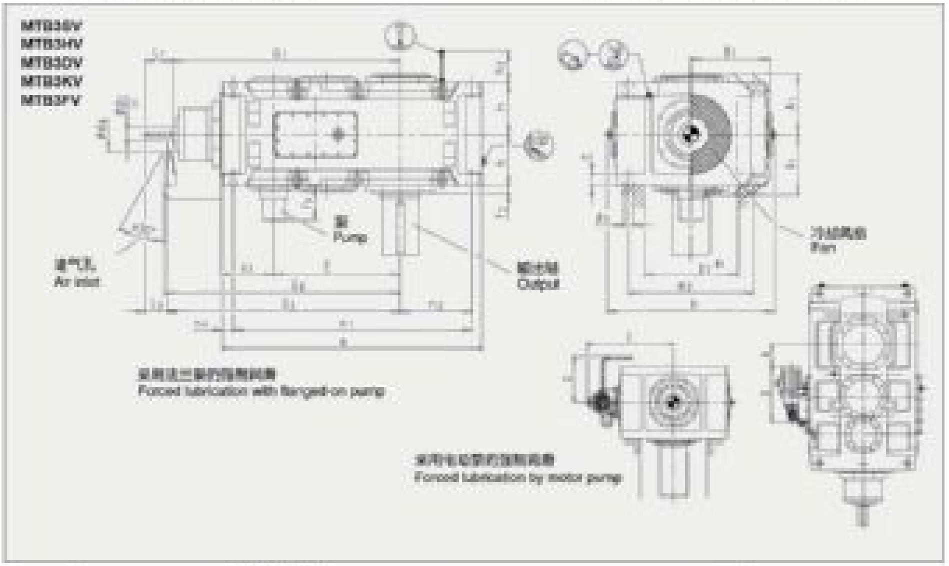
4) 所需冷却水量；冷却水压力最大值：8 巴
Cooling water quantity required; max.cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关图纸见第 363-372 页
3) 采用冷却盘管时：
- 布置形式 A、B 和 E 不能采用法兰泵强制润滑
4) 油泵、油管和护盖所需的空间尺寸，这了解准确尺寸，请与我们联系
5) 对空心轴减速机布置形式 A 和 D 请垂询
*) 参考值
**) 未注润滑

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50，m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372
3) Cooling coil
- For A, B and E designs,forced lubrication by flanged-on pump not possible
4) Space for pump, pipes and cover, for exact dimensions, please refer to us
5) A and D designs for gear units with hollow shaft on request
*) Approximate values
**) Without oil filling

齿轮箱 Gear Units

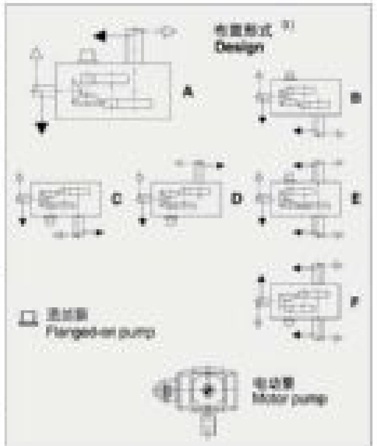
三级传动 / 立式安装 Three Stage / Vertical
类型 MTB3..V / 规格 13-22 Type MTB3..V / Sizes 13-22



规格 Size	输入轴 / Input										冷却风扇 / Fan		
	i_N = 12.5 - 45 / i_N = 14 - 50 / i_N = [illegible]			i_N = 50 - 71 / i_N = 56 - 80 / i_N = [illegible]									
	d_1	l_1	l_2	d_1	l_1	l_2	G_1	G_3	G_1	G_3	A_1	B_1	d_4
13 + 14	90	165	130	60	140	105	1125	1160	1180	1220	305	475	210
15 + 16	90	165	130	70	140	105	1367	1402	1413	1448	355	520	210
17 + 18	110	205	165	80	170	130	1560	1600	1620	1660	355	570	200
19 + 20	敬请垂询 / On request												
21 + 22													

规格 Size	齿轮箱 / Gear units									
	b	c	e_3	f_3	h	h_3	m_3	n_3	p_3	s
13 + 14	900	61±3	265	35	272.5	300	690	50	500	48
15 + 16	980	72±3	320	42	310	340	750	60	570	55
17 + 18	1110	81±3	370	42	340	380	850	70	630	55
19 + 20	敬请垂询 / On request									
21 + 22										

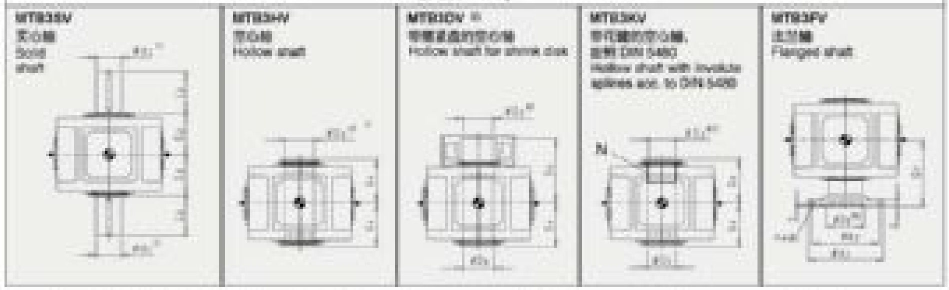
规格 Size	齿轮箱 / Gear units					泵 Pump	电动泵 / Motor pump			
	a	E	G_8	m_1	n_1	t_5	A	B	C	D
13	1290	635	1180	1165	360	敬请垂询 相关尺寸 Dimensions on request				
14	1430	705	1250	1335	430					
15	1550	762	1420	1435	430					
16	1640	808	1470	1525	475					
17	1740	860	1620	1610	465					
18	1860	920	1680	1730	525					
19 + 20	敬请垂询 / On request									
21 + 22										



齿轮箱 Gear Units

三级传动 / 立式安装 Three Stage / Vertical
类型 MTB3..V / 规格 13-22 Type MTB3..V / Sizes 13-22

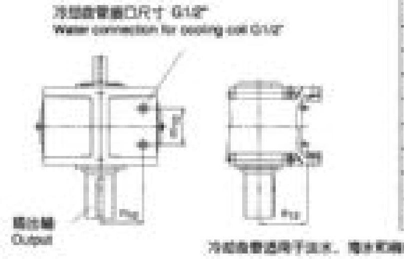
输出轴 / Output



规格 Size	MTB3SV			MTB3HV		MTB3DV				MTB3KV				MTB3FV						
	d_2	l_2	G_2	D_2	G_4	D_2	D_3	G_4	G_5	N / DIN 5480	D_2	D_3	G_4	c	d_3	D_3	k_2	n x s	t	G_7
13	200	350	335	190	335	190	195	335	460	N 190x5x30x36x9H	180	195	335	48	580	310	500	20 x 33	14	460
14	210	350	335	210	335	210	215	335	460	N 190x5x30x36x9H	180	215	335	48	620	310	540	24 x 33	14	460
15	230	410	380	230	380	230	235	380	550	N 220x5x30x40x9H	210	235	380	55	710	360	630	28 x 33	17	550
16	240	410	380	240	380	240	245	380	550	N 220x5x30x42x9H	210	245	380	55	740	360	660	30 x 33	17	550
17	250	410	415	250	415	250	260	415	600	N 250x5x30x48x9H	240	260	415	60	750	410	660	24 x 39	18	600
18	270	470	415	275	415	280	285	415	600	N 250x5x30x48x9H	240	285	415	60	800	410	710	28 x 39	18	600
19 - 22	敬请垂询 / On request																			

规格 Size	润滑油量 Oil quantity (l) *)	重量 / Weight (kg) *) **) MTB3SV MTB3HV MTB3DV MTB3KV	MTB3FV
13	115	2280	2420
14	130	2615	2765
15	180	3540	3760
16	190	3765	4020
17	260	4780	5050
18	275	5240	5500
19 - 22	敬请垂询 / On request		

冷却盘管 / Cooling coil 3)



规格 Size	m_{12}	n_{12}	e_{12}	X) l/min
13	252	300	335	8
14	252	300	405	8
15	290	335	365	8
16	290	335	440	8
17	340	380	425	8
18	340	380	485	8
19 - 22	敬请垂询 On request			

冷却盘管适用于淡水、海水和咸淡混合的水
Cooling coil suitable for fresh, sea and brackish water

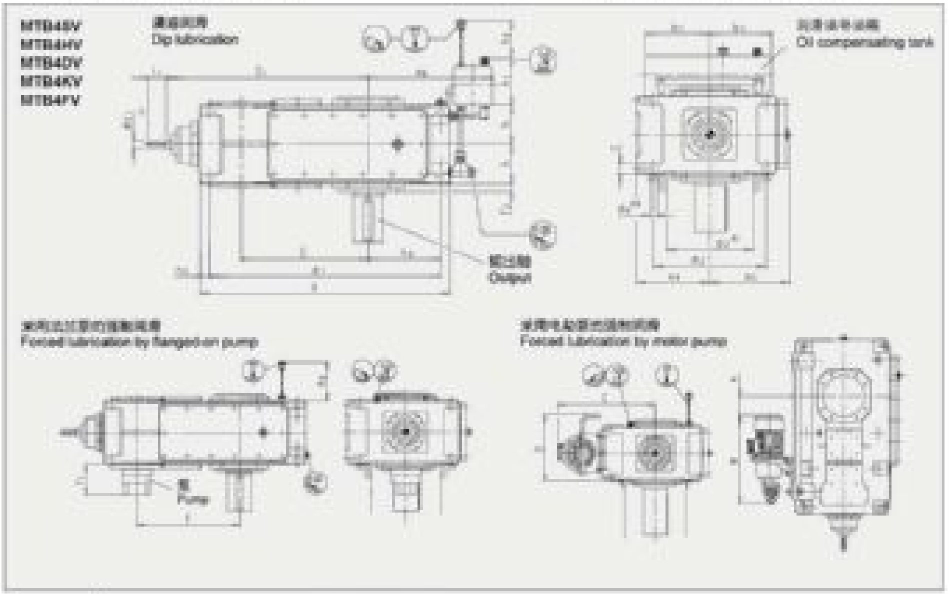
X) 所需冷却水量,冷却水压力最大值, 8 巴
Cooling water quantity required; max.cooling water pressure: 8 bar

尺寸以mm为单位
1) 轴:
- k6≤Φ50, m6>Φ50
- 键槽按照 GB/T1095-1979
- 有关附加见第 363-372 页
3) 采用冷却盘管时:
- 布置形式A、B和E不能采用法兰泵强制润滑
4) 油泵、油管和护罩所需的空间尺寸,为了解准确尺寸,请与我们联系
5) 对空心轴减速机布置形式A和D请垂询
*) 参考值
**) 未注油时

Dimensions in mm
1) Shafts:
- k6≤Φ50, m6>Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-372
3) Cooling coil
- For A, B and E designs,forced lubrication by flanged-on pump not possible
4) Space for pump, pipes and cover, for exact dimensions, please refer to us
5) A and D designs for gear units with hollow shaft on request
*) Approximate values
**) Without oil filling

齿轮箱 四级传动 / 立式安装 类型 MTB4..V / 规格 5-12

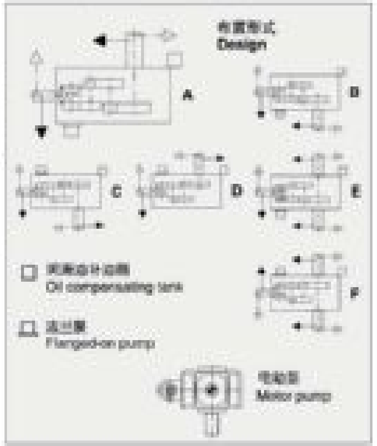
Gear Units Four Stage / Vertical Type MTB4..V / Sizes 5-12



规格 Size	输入轴 / Input i_N = 80 - 180, i_N = 100 - 224		i_N = 200 - 315, i_N = 250 - 400			
	d_1	l_1	d_1	l_1	G_3	G_1
5 ÷ 6	28	55	20	50	615	650
7 ÷ 8	30	70	25	60	725	770
9 ÷ 10	35	80	25	60	840	890
11 ÷ 12	40	100	35	80	1010	1060

规格 Size	齿轮箱 / Gear units b_1	c_1	e_4	h	h_1	h_2	h_3	m_2	n_1	p_2	s
5 + 6	240	30 ± 1	230	127.5	205	190	240	360	36	270	24
7 + 8	240	36 ± 1	260	150	205	165	250	430	38	330	28
9 + 10	330	45 ± 1.5	320	180	275	205	300	490	40	370	36
11 + 12	330	54 ± 1.5	360	215	275	240	340	600	50	440	40

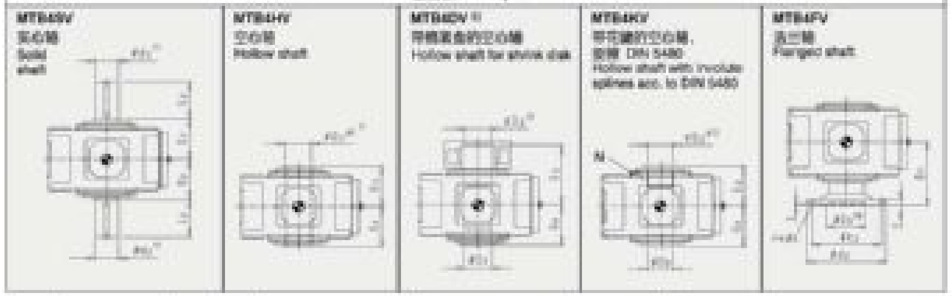
规格 Size	齿轮箱 / Gear units a	a_2	a_3	E	f_2	m_1	r_2	泵 Pump t_2	电动泵 / Motorpump A	B	C	D
5	690	252	365	405	28	630	175	需请咨询相关尺寸 Dimensions on request				
6	770	252	425	440	28	710	220					
7	845	292	425	495	30	775	215					
8	950	302	485	540	32	880	275					
9	1000	342	560	580	32	920	260					
10	1100	342	610	630	32	1020	310					
11	1200	402	605	705	35	1100	295					
12	1355	410	660	775	35	1255	380					



齿轮箱 四级传动 / 立式安装 类型 MTB4..V / 规格 5-12

Gear Units Four Stage / Vertical Type MTB4..V / Sizes 5-12

输出轴 / Output



规格 Size	MTB4SV d_2	l_2	G_2	MTB4HV D_2	G_4	MTB4DV D_2	D_3	G_4	G_5	MTB4KV N / DIN 5480	D_2	D_3	G_6	MTB4FV c	d_3	D_3	l_2	n x s	t	G_7
5	100	210	165	95	165	100	100	165	240	N 95x3x30x30x9H	89	100	165	25	300	150	260	16x22	10	255
6	110	210	165	105	165	110	110	165	240	N 95x3x30x30x9H	89	110	165	25	320	160	280	18x22	10	255
7	120	210	195	115	195	120	120	195	260	N 120x3x30x38x9H	114	120	195	30	370	180	320	16x26	10	300
8	130	250	195	125	195	130	130	195	265	N 120x3x30x38x9H	114	130	195	30	390	190	340	18x26	10	300
9	140	250	235	135	235	140	145	235	330	N 140x3x30x45x9H	134	145	235	38	430	220	380	20x26	12	350
10	160	300	235	150	235	150	155	235	350	N 140x3x30x45x9H	134	155	235	38	470	240	420	22x26	12	350
11	170	300	270	165	270	165	170	270	400	N 170x5x30x32x9H	160	170	270	42	510	250	450	18x30	12	400
12	180	300	270	180	270	180	185	270	405	N 170x5x30x32x9H	160	185	270	42	540	280	480	22x30	12	400

规格 Size	润滑油量 Oil quantity (l) *) 浸油润滑 Dip lubrication	强制润滑 Forced lubrication	重量 Weight (kg) *) **) MTB4SV MTB4HV MTB4DV MTB4KV	MTB4FV
5	36	18	335	370
6	40	20	385	425
7	65	32	555	605
8	73	36	655	710
9	105	52	890	975
10	110	55	1025	1115
11	175	87	1485	1615
12	200	100	1750	1890

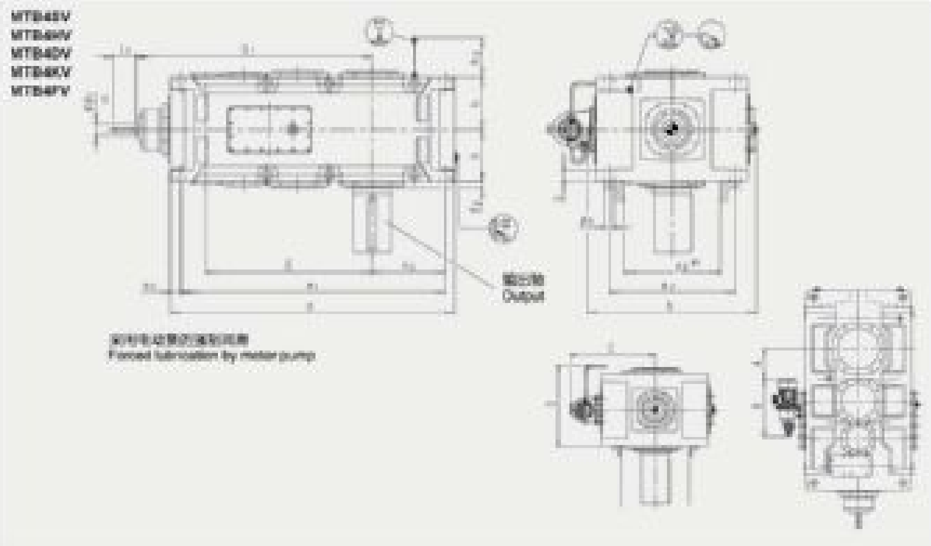
尺寸以mm为单位
1) 轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1979
- 有关细节见第 363-372 页
4) 泵组、油管和护盖所需的空间尺寸，欲了解精确尺寸，请与我们联系
5) 对空心轴减速机布置形式 A 和 D 请咨询
*) 参考值
**) 未注润滑油

Dimensions in mm
1) Shafts:
- k6 ≤ Φ50，m6 > Φ50
- Keyway acc. to GB/T1095-1979
- For details, see pages 363-373
4) Space for pump, pipes and cover, for exact dimensions, please refer to us
5) A and D designs for gear units with hollow shaft on request
*) Approximate values
**) Without oil filling

齿轮箱 四级传动 / 立式安装 类型 MTB4.V / 规格 13-22

Gear Units Four Stage / Vertical Type MTB4.V / Sizes 13-22

MTB4SV
MTB4HV
MTB4DV
MTB4KV
MTB4FV



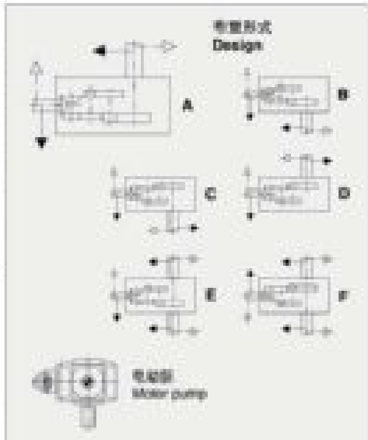
采用电动泵的强制润滑
Forced lubrication by motor pump

规格 Size	输入轴 / Input					
	i_N = 80 - 180 / i_N = 90 - 200 / i_N = 100 - 224		i_N = 200 - 315 / i_N = 224 - 355 / i_N = 250 - 400			
	d_1	l_1	d_1	l_1	G_1	G_1
13 + 14	50	110	40	100	1170	1240
15 + 16	70	135	50	110	1402	1440
17 + 18	70	135	50	110	1460	1510
19 + 20	敬请垂询 / On request					
21 + 22						

规格 Size	齿轮箱 / Gear units							
	b	c	h	h_0	m_2	n_1	p_2	s
13 + 14	900	61 ± 2	272.5	300	680	50	500	48
15 + 16	980	72 ± 2	310	340	750	60	570	55
17 + 18	1110	81 ± 2	340	374	850	70	630	55
19 + 20	敬请垂询 / On request							
21 + 22								

规格 Size	齿轮箱 / Gear units					电动泵 / Motor pump			
	a	E	l_g	m_1	n_2	A	B	C	D
13	1395	820	35	1300	360	敬请垂询 相关尺寸 Dimensions on request			
14	1535	890	35	1440	430				
15	1650	957	42	1565	430				
16	1770	1003	42	1660	475				
17	1770	1035	42	1640	460				
18	1890	1095	42	1780	525				
19 + 20	敬请垂询 / On request								
21 + 22									

安装形式
Design

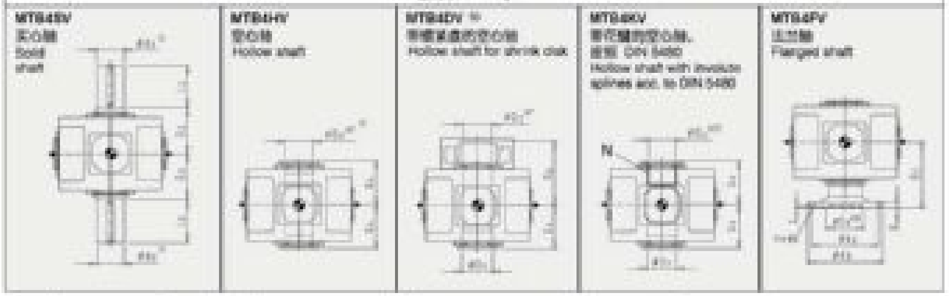


齿轮箱 四级传动 / 立式安装 类型 MTB4.V / 规格 13-22

Gear Units Four Stage / Vertical Type MTB4.V / Sizes 13-22

输出轴 / Output

MTB4SV 实心轴 Solid shaft
MTB4HV 空心轴 Hollow shaft
MTB4DV 带缩紧盘的空心轴 Hollow shaft for shrink disk
MTB4KV 带花键的空心轴，按照 DIN 5480 Hollow shaft with involute splines acc. to DIN 5480
MTB4FV 法兰轴 Flanged shaft



规格 Size	MTB4SV			MTB4HV		MTB4DV				MTB4KV				MTB4FV						
	d_2	l_2	G_2	D_2	G_4	D_2	D_3	G_4	G_5	N / DIN 5480	D_2	D_3	G_4	c	d_2	D_3	l_2	n x s	t	G_7
13	200	350	335	190	335	190	195	335	480	N 190x5x30x36x8H	180	195	335	48	580	310	500	20 x 33	14	480
14	210	350	335	210	335	210	215	335	480	N 190x5x30x36x8H	180	215	335	48	620	310	540	24 x 33	14	480
15	230	410	380	230	380	230	235	380	550	N 220x5x30x42x8H	210	235	380	55	710	360	630	26 x 33	17	550
16	240	410	380	240	380	240	245	380	550	N 220x5x30x42x8H	210	245	380	55	740	360	660	30 x 33	17	550
17	250	410	415	250	415	250	260	415	600	N 250x5x30x48x8H	240	260	415	60	750	410	660	24 x 39	18	600
18	275	470	415	275	415	280	285	415	600	N 250x5x30x48x8H	240	285	415	60	800	410	710	26 x 39	18	600
19 - 22	敬请垂询 / On request																			

规格 Size	润滑油量 Oil quantity (l) *)	重量 Weight (kg) *) **)	
		MTB4SV MTB4HV MTB4DV MTB4KV	MTB4FV
13	135	2280	2440
14	150	2605	2775
15	210	3435	3675
16	220	3765	4020
17	275	4460	4760
18	285	4930	5280
19 - 22	敬请垂询 / On request		

尺寸以mm为单位
1）轴：
- k6 ≤ Φ50，m6 > Φ50
- 键槽按照 GB/T1095-1079
- 有关细节见第 363-372 页
4）泵、油管和护盖所需的空间尺寸，如了解准确尺寸，请与我们联系
5）对空心轴减速机有型式 A 和 D 请垂询
*）参考值
**）未加注油

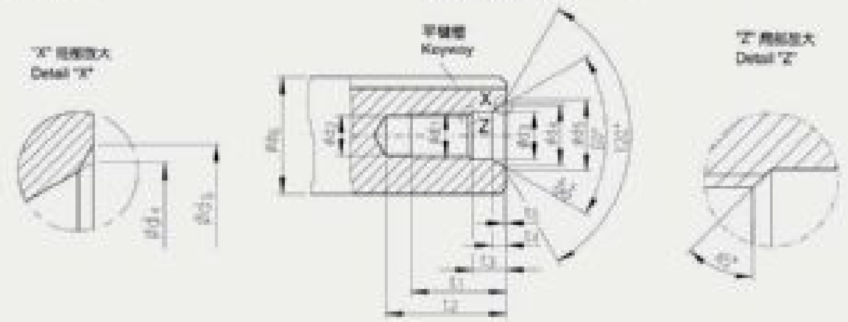
Dimensions in mm
1) Shafts:
- k6 ≤ Φ50 , m6 > Φ50
- Keyway acc. to GB/T1095-1079
- For details, see pages 363-372
4) Space for pump, pipes and cover, for exact dimensions, please refer to us
5) A and D designs for gear units with hollow shaft on request
*) Approximate values
**) Without oil filling

齿轮箱 C 型轴伸中心孔 按照 GB145-1985

Gear Units Centre Holes, Form C in Shaft Ends GB145-1985

C 型中心孔
带护锥的孔的螺纹孔

Form C
Tapped hole, with straight running face and countersink

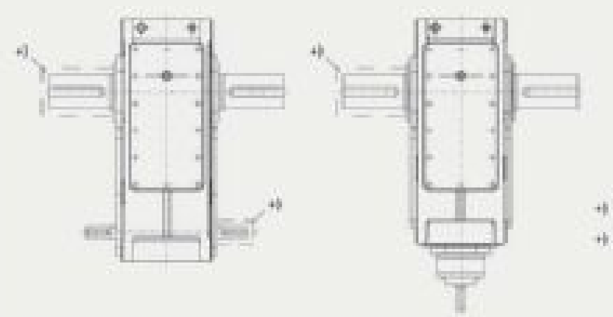


推荐直径范围 Recommended diameters d_6 1)		C 型 / Form C											
大于 above	至 to	C 型 中心孔 Centering	d_1	d_2	d_3	d_4	d_5	t_1 +2	t_2 min.	t_2 max.	t_3 +1	t_4 ≈	t_5 ≈
mm			mm										
16	21	C 6	M 6	5	6.4	9.6	10.5	16	20	22	5	2.8	0.4
21	24	C 8	M 8	6.8	8.4	12.2	13.2	19	25	28	6	3.3	0.4
24	30	C10	M 10	8.5	10.5	14.9	16.3	22	30	34	7.5	3.8	0.6
30	38	C12	M 12	10.2	13	18.1	19.8	28	37	42	9.5	4.4	0.7
38	50	C16	M 16	14	17	23	25.3	36	45	50	12	5.2	1.0
50	85	C20	M 20	17.5	21	28.4	31.3	42	53	59	15	6.4	1.3
85	130	C24	M 24	21	25	34.2	38	50	63	68	18	8	1.6
130 *	225 *	C30	M 30 *	26.5	31	44	48	60	77	83	17	11	1.9
225 *	320 *	C36	M 36 *	32	37	55	60	74	93	99	22	15	2.3
320 *	500 *	C42	M 42 *	37.5	43	65	71	84	105	111	26	19	2.7

1) 工件加工后最终直径
*) 不是按照 GB145-1985 规定的尺寸

1) Diameter of the finished work piece
*) Dimensions not acc. to GB145-1985

防护罩 **Guards**



用于布置形式
for designs
E, F, G, H, I

+) 整通轴端备用轴伸的防护罩
+) Guard for free shaft end on request

齿轮箱 ISO 配合精度的选择 平键和平键槽

Gear Units Selection of ISO Fits Parallel Keys and Keyways

ISO 配合精度的选择 / Selection of ISO fits

ISO 配合精度的选择 Selection of ISO fits	轴 / Shaft d 大于 above mm	至 to mm	轴公差 Shaft tolerance	孔公差 Bore tolerance
轴公差按照敝公司标准 Shaft tolerance acc. to standards of our company		50	k6	H7
	50		m6	

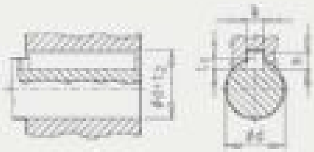
对于重载工作条件，如带载反向回转，建议采用较紧的配合，轮毂键槽宽度亦应选择 ISO P9 公差等级

For heavy-duty operating conditions, e.g. reversing under load, it is recommended that a tighter fit and for hub keyway width the ISO P9 tolerance is selected

平键 / Parallel keys

平键紧固方式，采用无锥度连接
Drive type fastening without taper action

平键和平键槽按照 GB/T1095-1979
Parallel key and keyway acc. to GB/T1095-1979



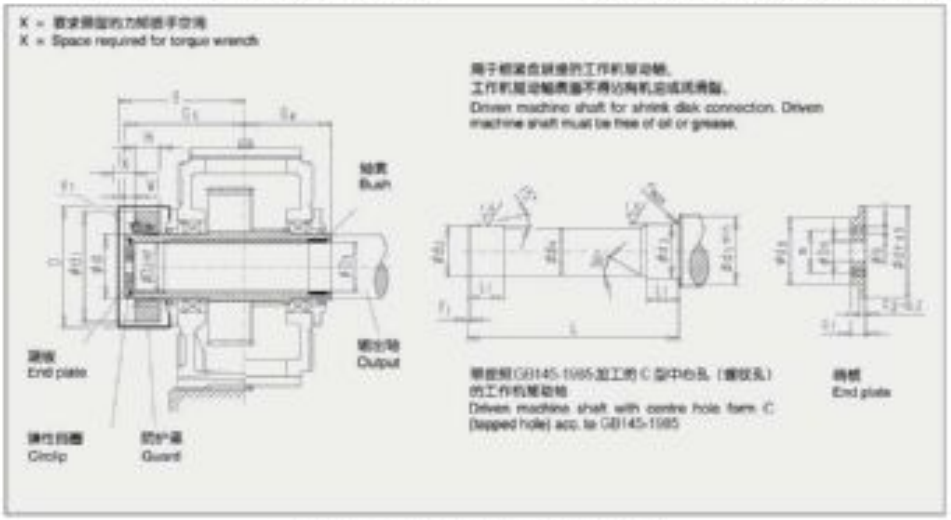
直径 Diameter d 大于 above mm	至 to mm	宽度 Width b 1) mm	高度 Height h mm	轴键槽深度 Depth of keyway in shaft t_1 mm	轮毂键槽深度 Depth of keyway in hub $d + t_2$ GB/T1095-1979 mm
17	22	6	6	3.5	d + 2.8
22	30	8	7	4	d + 3.3
30	38	10	8	5	d + 3.3
38	44	12	8	5	d + 3.3
44	50	14	9	5.5	d + 3.8
50	58	16	10	6	d + 4.3
58	65	18	11	7	d + 4.4
65	75	20	12	7.5	d + 4.9
75	85	22	14	9	d + 5.4
85	95	25	14	9	d + 5.4
95	110	28	16	10	d + 6.4
110	130	32	18	11	d + 7.4
130	150	36	20	12	d + 8.4
150	170	40	22	13	d + 9.4
170	200	45	25	15	d + 10.4
200	230	50	28	17	d + 11.4
230	260	56	32	20	d + 12.4
260	290	63	32	20	d + 12.4
290	330	70	36	22	d + 14.4
330	380	80	40	25	d + 15.4
380	440	90	45	28	d + 17.4

1) 轮毂平键键槽宽度 b 的公差带应按 ISO JS9 确定，重载条件下应按 ISO P9 确定。
1) The tolerance zone for the hub keyway width b for parallel keys is ISO JS9, or ISO P9 for heavy-duty operating conditions.

齿轮箱 带胀紧盘的空心轴 Gear Units Hollow Shaft for Shrink Disks

型号 MTH2, MTH3, MTH4, MTB3, MTB4 / 规格 4-26 — Types MTH2, MTH3, MTH4, MTB3, MTB4 / Sizes 4-26

X = 要求预留的力矩扳手空间
X = Space required for torque wrench



用于胀紧盘联接的工作机驱动轴。
工作机驱动轴表面不得沾有机油或润滑脂。
Driven machine shaft for shrink disk connection. Driven machine shaft must be free of oil or grease.

带按照 GB145-1985 加工的 C 型中心孔（螺纹孔）的工作机驱动轴
Driven machine shaft with centre hole form C (tapped hole) acc. to GB145-1985

型号 / Types **MTH2D., MTH3D., MTH4D., MTB3D, MTB4D.**

齿轮箱规格 Gear unit size	工作机驱动轴 1) Driven machine shaft d_2	d_3	d_4	d_5	l_1	l	l_3	r	端板 End plate c_1	c_2	d_7	d_8	D_8	m	s	数量 Qty	弹性挡圈 Circlip DIN 472	空心轴 Hollow shaft D_2	D_3	G_4	G_5	胀紧盘 Shrink disk 2) 型号 Type	d	d_1	H	W	螺钉 Screw s_1	防护罩 Guard D	g
	mm																												
4	85 g6	85 h6	84.5	95	4	326	48	2	17	7	90	70	22	50	M 8	2	80 x 3	85	85	140	205	110-32	110	185	51	20	M 12	235	225
5	100 g6	100 h6	99.5	114	5	383	53	2	20	8	105	80	26	55	M 10	2	105 x 4	100	100	165	240	125-32	125	215	55	20	M 12	275	260
6	110 g6	110 h6	109.5	124	5	383	58	3	20	8	115	85	26	60	M 10	2	115 x 4	110	110	165	240	140-32	140	230	61	20	M 14	285	265
7	120 g6	120 h6	119.5	134	5	453	68	3	20	8	125	90	26	65	M 12	2	125 x 4	120	120	195	280	155-32	155	263	64	23	M 14	330	305
8	130 g6	130 h6	129.5	145	6	458	73	3	20	8	135	100	26	70	M 12	2	135 x 4	130	130	195	280	165-32	165	290	70	23	M 16	340	309
9	140 g6	140 m6	139.5	160	6	539	82	4	23	10	150	110	33	80	M 12	2	150 x 4	140	140	235	330	175-32	175	308	71	28	M 16	360	355
10	150 g6	150 m6	149.5	170	6	559	92	4	23	10	160	120	33	90	M 12	2	160 x 4	150	150	235	350	200-32	200	340	87	28	M 16	395	369
11	165 f6	170 m6	164.5	185	7	644	112	4	23	10	175	130	33	90	M 12	2	175 x 4	165	170	270	400	220-32	220	370	103	30	M 20	435	405
12	180 f6	180 m6	179.5	200	7	649	122	4	23	10	190	140	33	100	M 16	2	180 x 4	180	180	270	405	240-32	240	405	107	30	M 20	450	420
13	190 f6	195 m6	189.5	213	7	789	137	5	23	10	200	150	33	110	M 16	2	200 x 4	190	195	335	480	260-32	260	430	119	30	M 20	500	505
14	210 f6	215 m6	209.5	233	8	784	147	5	28	14	220	170	33	130	M 16	2	220 x 5	210	215	335	480	280-32	280	460	132	30	M 20	525	505
15	230 f6	235 m6	229.5	253	8	899	157	5	28	14	240	180	39	140	M 16	2	240 x 5	230	235	380	550	300-32	300	485	140	35	M 24	575	575
16	240 f6	245 m6	239.5	263	8	899	157	5	28	14	250	190	39	150	M 20	2	250 x 5	240	245	380	550	320-32	320	520	140	35	M 24	595	575
17	250 f6	260 m6	249.5	278	8	962	177	5	30	14	265	200	39	150	M 20	2	265 x 5	250	260	415	600	340-32	340	570	155	35	M 24	615	630
18	260 f6	280 m6	279.5	306	9	962	177	5	30	14	290	210	39	160	M 20	2	290 x 5	260	280	415	600	360-32	360	590	162	35	M 24	635	625
19	285 f6	295 m6	284.5	316	9	1100	187	5	32	15	300	220	39	170	M 24	2	300 x 5	285	295	465	670	380-32	380	640	166	40	M 27	—	—
20	310 f6	315 m6	309.5	336	9	1100	187	5	32	15	320	230	39	180	M 24	2	320 x 6	310	315	465	670	390-32	390	650	166	40	M 27	—	—
21	330 f6	335 m6	329	358	9	1160	208	5	40	20	340	250	45	190	M 24	2	340 x 6	330	335	490	715	420-32	420	670	186	45	M 27	—	—
22	340 f6	340 m6	339	368	9	1170	215	5	40	20	350	260	45	200	M 24	2	350 x 6	340	345	490	720	440-32	440	720	194	45	M 27	—	—
23 - 26	查询获得 / On request																												

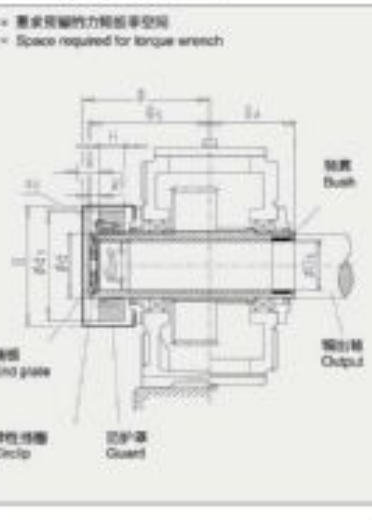
1) 胀紧盘不在供货范围之内, 如果需要请另行订购。
2) 工作机驱动轴材质为 60 或强度更高的钢材。

1) Shrink disk does not belong to our scope of supply. Please order separately, if required.
2) Material of driven machine shaft : 60 or higher strength.

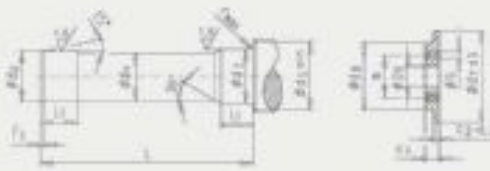
齿轮箱 带胀紧盘的空心轴 Gear Units Hollow Shaft for Shrink Disks

型号 MTB2 / 规格 4-18 — Types MTB2 / Sizes 4-18

X = 要求预留的力矩扳手空间
X = Space required for torque wrench



用于胀紧盘联接的工作机驱动轴。
工作机驱动轴表面不得沾有机油或润滑脂。
Driven machine shaft for shrink disk connection. Driven machine shaft must be free of oil or grease.



带按照 GB145-1985 加工的 C 型中心孔（螺纹孔）的工作机驱动轴
Driven machine shaft with centre hole form C (tapped hole) acc. to GB145-1985

型号 / Types **MTB2D.**

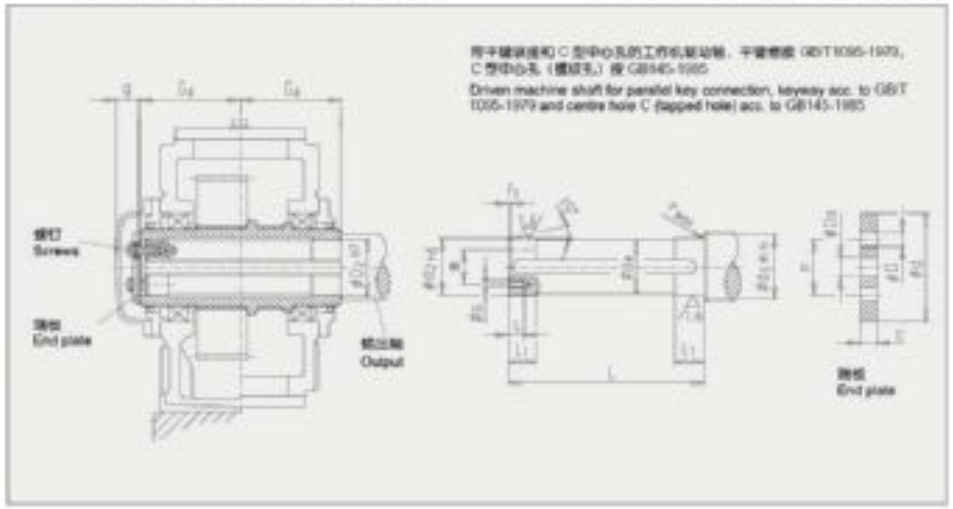
齿轮箱规格 Gear unit size	工作机驱动轴 1) Driven machine shaft d_2	d_3	d_4	d_5	l_1	l	l_3	r	端板 End plate c_1	c_2	d_7	d_8	D_8	m	s	数量 Qty	弹性挡圈 Circlip DIN 472	空心轴 Hollow shaft D_2	D_3	G_4	G_5	胀紧盘 Shrink disk 2) 型号 Type	d	d_1	H	W	螺钉 Screw s_1	防护罩 Guard D	g
	mm																												
4	85 g6	85 h6	84.5	95	4	356	48	2	17	7	90	70	22	50	M 8	2	80 x 3	85	85	170	235	110-32	110	185	51	20	M 12	235	255
5	100 g6	100 h6	99.5	114	5	403	53	2	20	8	105	80	26	55	M 10	2	105 x 4	100	100	200	275	125-32	125	215	55	20	M 12	275	290
6	110 g6	110 h6	109.5	124	5	453	58	3	20	8	115	85	26	60	M 10	2	115 x 4	110	110	200	275	140-32	140	230	61	20	M 14	285	295
7	120 g6	120 h6	119.5	134	5	533	68	3	20	8	125	90	26	65	M 12	2	125 x 4	120	120	235	320	155-32	155	263	64	23	M 14	330	345
8	130 g6	130 h6	129.5	145	6	538	73	3	20	8	135	100	26	70	M 12	2	135 x 4	130	130	235	325	165-32	165	290	70	23	M 16	340	349
9	140 g6	140 m6	139.5	160	6	609	82	4	23	10	150	110	33	80	M 12	2	150 x 4	140	140	270	365	175-32	175	308	71	28	M 16	360	390
10	150 g6	155 m6	149.5	170	6	629	92	4	23	10	160	120	33	90	M 12	2	160 x 4	150	155	270	365	200-32	200	340	87	28	M 16	395	400
11	165 f6	170 m6	164.5	185	7	744	112	4	23	10	175	130	33	90	M 12	2	175 x 4	165	170	320	450	220-32	220	370	103	30	M 20	435	470
12	180 f6	185 m6	179.5	200	7	749	122	4	23	10	190	140	33	100	M 16	2	180 x 4	180	185	320	450	240-32	240	405	107	30	M 20	450	470
14	210 f6	215 m6	209.5	233	8	894	147	5	28	14	220	170	33	130	M 16	2	220 x 5	210	215	390	535	280-32	280	460	132	30	M 20	525	555
16	240 f6	245 m6	239.5	263	8	1039	157	5	28	14	250	190	39	150	M 20	2	250 x 5	240	245	450	620	320-32	320	520	140	35	M 24	595	645
18	260 f6	265 m6	259.5	306	9	1177	177	5	30	14	290	210	39	160	M 20	2	290 x 5	260	265	510	700	360-32	360	590	162	35	M 24	635	725

1) 胀紧盘不在供货范围之内, 如需要请另行订购。
2) 工作机驱动轴材质为 60 或强度更高的钢材。

1) Shrink disk does not belong to our scope of supply. Please order separately, if required.
2) Material of driven machine shaft : 60 or higher strength.

齿轮箱 带平键联接的空心轴
类型 MTH2, MTH3, MTH4, MTB3, MTB4 / 规格 4-18

Gear Units Hollow Shaft for Parallel Key Connections
Types MTH2, MTH3, MTH4, MTB3, MTB4 / Sizes 4-18



类型 / Types **MTH2H., MTH3H., MTH4H., MTB3H., MTB4H.**

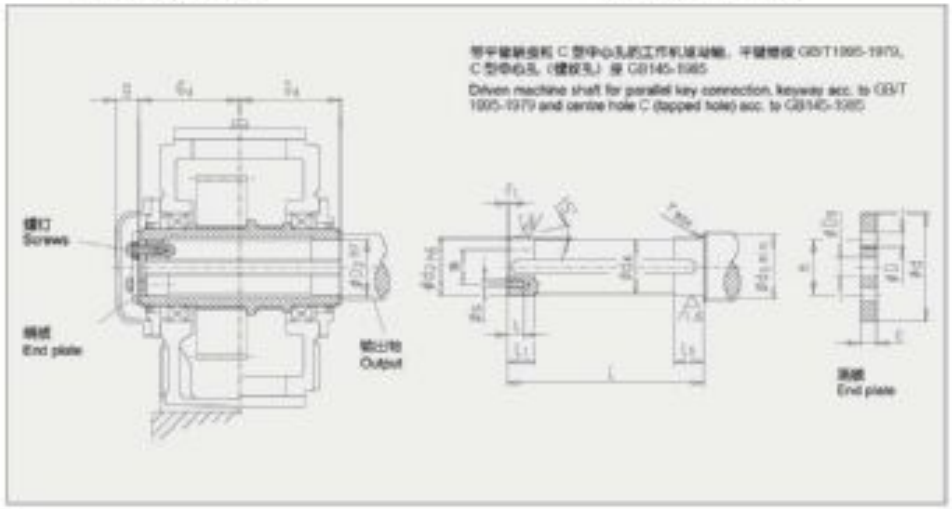
齿轮箱规格 Gear unit size	工作机驱动轴 1) Driven machine shaft									端板 End plate					螺钉 Screw		空心轴 Hollow shaft		
	d_2	d_4	d_5	f_1	l	l_1	r	s	t	e	D	D_9	d	m	规格 Size	数量 Qty.	D_2	G_4	g
	mm																mm		
4	80	79.5	88	4	278	35	1.2	M 10	18	10	11	22	100	60	M 10 x 25	2	80	140	35
5	95	94.5	105	5	328	40	1.6	M 10	18	10	11	26	120	70	M 10 x 25	2	95	165	40
6	105	104.5	116	5	328	45	1.6	M 10	18	10	11	26	120	70	M 10 x 25	2	105	165	40
7	115	114.5	126	5	388	50	1.6	M 12	20	12	13.5	26	140	80	M 12 x 30	2	115	195	40
8	125	124.5	136	6	388	55	2.5	M 12	20	12	13.5	26	150	85	M 12 x 30	2	125	195	40
9	135	134.5	147	6	467	60	2.5	M 12	20	12	13.5	33	160	90	M 12 x 30	2	135	235	45
10	150	149.5	162	6	467	65	2.5	M 12	20	12	13.5	33	185	110	M 12 x 30	2	150	235	45
11	165	164.5	177	7	537	70	2.5	M 16	28	15	17.5	33	195	120	M 16 x 40	2	165	270	45
12	180	179.5	192	7	537	75	2.5	M 16	28	15	17.5	33	220	130	M 16 x 40	2	180	270	45
13	190	189.5	206	7	667	80	3	M 16	28	18	17.5	33	230	140	M 16 x 40	2	190	335	45
14	210	209.5	226	8	667	85	3	M 16	28	18	17.5	33	250	160	M 16 x 40	2	210	335	45
15	230	229.5	248	8	756	100	3	M 20	38	25	22	39	270	180	M 20 x 55	4	230	380	60
16	240	239.5	258	8	756	100	3	M 20	38	25	22	39	280	180	M 20 x 55	4	240	380	60
17	250	249.5	270	8	826	110	4	M 20	38	25	22	39	300	190	M 20 x 55	4	250	415	60
18	275	274.5	295	9	826	120	4	M 20	38	25	22	39	330	210	M 20 x 55	4	275	415	60

1) 工作机驱动轴材质为 60 或强度更高的钢材。
平键不在供货范围之内，如需要请另行订购。

1) Material of driven machine shaft : 60 or higher strength.
Parallel key does not belong to our scope of supply.
Please order separately, if required.

齿轮箱 带平键联接的空心轴
类型 MTB2 / 规格 4-18

Gear Units Hollow Shaft for Parallel Key Connections
Types MTB2 / Sizes 4-18



类型 / Types **MTB2H.**

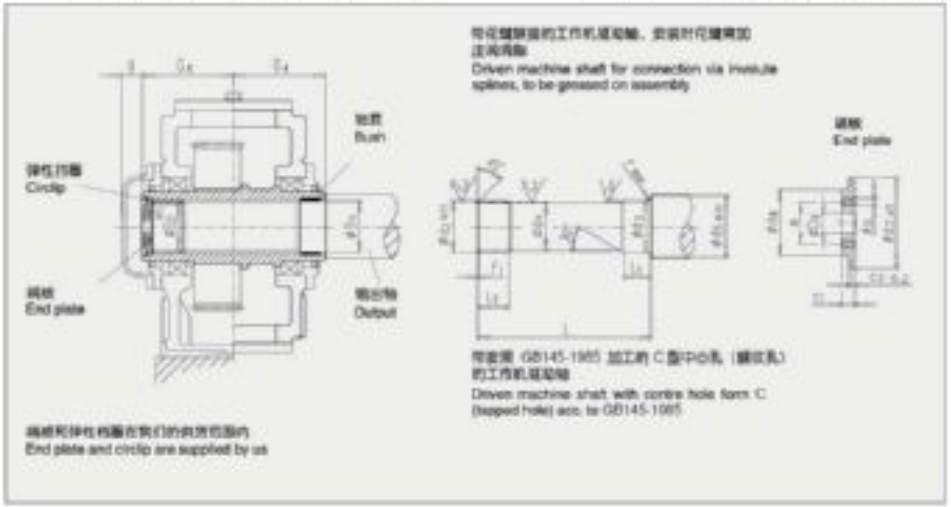
齿轮箱规格 Gear unit size	工作机驱动轴 1) Driven machine shaft									端板 End plate					螺钉 Screw		空心轴 Hollow shaft		
	d_2	d_4	d_5	f_1	l	l_1	r	s	t	e	D	D_9	d	m	规格 Size	数量 Qty.	D_2	G_4	g
	mm																mm		
4	80	79.5	88	4	338	35	1.2	M 10	18	10	11	22	100	60	M 10 x 25	2	80	170	35
5	95	94.5	105	5	398	40	1.6	M 10	18	10	11	26	120	70	M 10 x 25	2	95	200	40
6	105	104.5	116	5	398	45	1.6	M 10	18	10	11	26	120	70	M 10 x 25	2	105	200	40
7	115	114.5	126	5	468	50	1.6	M 12	20	12	13.5	26	140	80	M 12 x 30	2	115	235	40
8	125	124.5	136	6	468	55	2.5	M 12	20	12	13.5	26	150	85	M 12 x 30	2	125	235	40
9	135	134.5	147	6	537	60	2.5	M 12	20	12	13.5	33	160	90	M 12 x 30	2	135	270	45
10	150	149.5	162	6	537	65	2.5	M 12	20	12	13.5	33	185	110	M 12 x 30	2	150	270	45
11	165	164.5	177	7	637	70	2.5	M 16	28	15	17.5	33	195	120	M 16 x 40	2	165	320	45
12	180	179.5	192	7	637	75	2.5	M 16	28	15	17.5	33	220	130	M 16 x 40	2	180	320	45
14	210	209.5	226	8	777	85	3	M 16	28	18	17.5	33	250	160	M 16 x 40	2	210	390	45
16	240	239.5	258	8	896	100	3	M 20	38	25	22	39	280	180	M 20 x 55	4	240	450	60
18	275	274.5	295	9	1016	120	4	M 20	38	25	22	39	330	210	M 20 x 55	4	275	510	60

1) 工作机驱动轴材质为 60 或强度更高的钢材。
平键不在供货范围之内，如需要请另行订购。

1) Material of driven machine shaft : 60 or higher strength.
Parallel key does not belong to our scope of supply.
Please order separately, if required.

齿轮箱 带花键（按照 DIN 5480）的空心轴
类型 MTH2, MTH3, MTH4, MTB3, MTB4 / 规格 5-26

Gear Units Hollow Shaft with Involute Splines acc. to DIN 5480
Types MTH2, MTH3, MTH4, MTB3, MTB4 / Sizes 5-26



类型 / Types **MTH2K., MTH3K., MTH4K., MTB3K., MTB4K.**

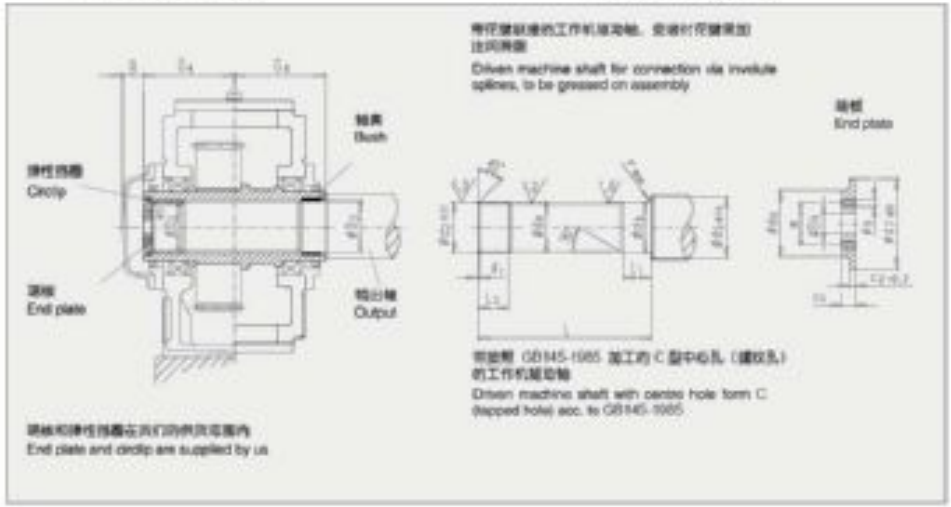
齿轮箱规格 Gear unit size	渐开线花键 Involute splines DIN 5480	工作机驱动轴 1) Driven machine shaft mm d_2	b_3	d_4	d_5	f_1	l	l_1	l_2	r	端板 End plate mm c_1	c_2	d_7	d_8	D_9	m	s	数量 Qty.	弹性挡圈 Circlip DIN 472	空心轴 Hollow shaft D_2	D_3	G_4	g	螺钉 Screw
5	W 90x3x30x30x8f	84.4	100 h6	93	114	3	368	53	90	2	20	8	105	80	26	55	M 10	2	100x4	89	100	165	40	M 24
6	W 95x3x30x30x8f	84.4	110 h6	93	124	3	368	58	90	3	20	8	105	80	26	55	M 10	2	105x4	89	110	165	40	M 24
7	W120x3x30x38x8f	119.4	120 h6	118	134	3	368	68	105	3	20	8	125	90	26	65	M 12	2	125x4	114	120	195	40	M 24
8	W120x3x30x38x8f	119.4	130 h6	118	145	3	368	73	105	3	20	8	125	90	26	65	M 12	2	125x4	114	130	195	40	M 24
9	W140x3x30x45x8f	139.4	145 m6	138	160	3	444	82	125	4	23	10	150	110	33	80	M 12	2	150x4	134	145	235	45	M 30
10	W140x3x30x45x8f	139.4	155 m6	138	170	3	444	92	125	4	23	10	150	110	33	80	M 12	2	150x4	134	155	235	45	M 30
11	W170x5x30x32x8f	169	170 m6	168	185	5	514	112	150	4	23	10	175	130	33	90	M 12	2	175x4	160	170	270	45	M 30
12	W170x5x30x32x8f	169	185 m6	168	200	5	514	122	150	4	23	10	175	130	33	90	M 12	2	175x4	160	185	270	45	M 30
13	W190x5x30x36x8f	189	195 m6	188	213	5	644	137	180	5	23	10	200	150	33	110	M 16	2	200x4	180	195	335	45	M 30
14	W190x5x30x36x8f	189	215 m6	188	233	5	644	147	180	5	23	10	200	150	33	110	M 16	2	200x4	180	215	335	45	M 30
15	W220x5x30x42x8f	219	235 m6	218	253	5	728	157	200	5	28	14	240	180	39	140	M 16	2	240x5	210	235	380	60	M 36
16	W220x5x30x42x8f	219	245 m6	218	253	5	728	157	200	5	28	14	240	180	39	140	M 16	2	240x5	210	245	380	60	M 36
17	W250x5x30x48x8f	249	255 m6	248	278	5	790	177	210	5	30	14	265	200	39	150	M 20	2	265x5	240	260	415	60	M 36
18	W250x5x30x48x8f	249	285 m6	248	306	5	790	177	210	5	30	14	265	200	39	150	M 20	2	265x5	240	285	415	60	M 36
19 -26	敬请垂询 / On request																							

1) 工作机驱动轴材质为 60 或强度更高的钢材。

1) Material of driven machine shaft: 60 or higher strength.

齿轮箱 带花键（按照 DIN 5480）的空心轴
类型 MTB2 / 规格 5-18

Gear Units Hollow Shaft with Involute Splines acc. to DIN 5480
Types MTB2 / Sizes 5-18



类型 / Types **MTB2K.**

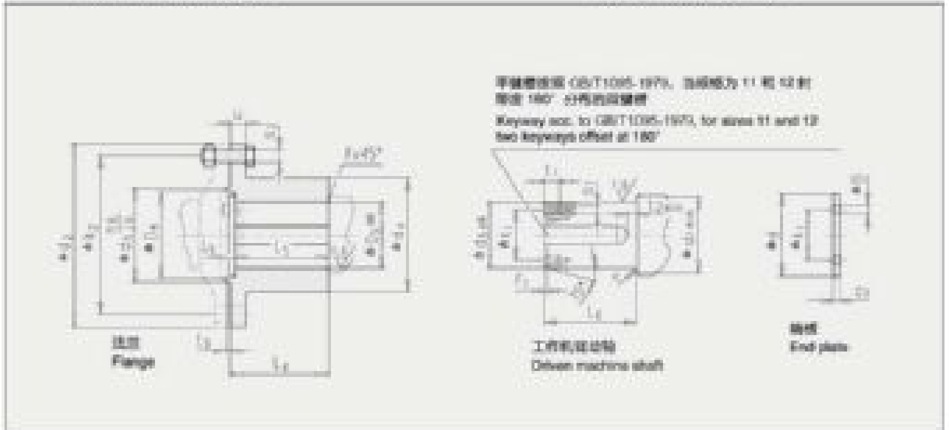
齿轮箱规格 Gear unit size	渐开线花键 Involute splines DIN 5480	工作机驱动轴 1) Driven machine shaft mm d_2	b_3	d_4	d_5	f_1	l	l_1	l_2	r	端板 End plate mm c_1	c_2	d_7	d_8	D_9	m	s	数量 Qty.	弹性挡圈 Circlip DIN 472	空心轴 Hollow shaft D_2	D_3	G_4	g	螺钉 Screw
5	W 90x3x30x30x8f	84.4	100 h6	93	114	3	378	53	90	2	20	8	105	80	26	55	M 10	2	100x4	89	100	200	40	M 24
6	W 95x3x30x30x8f	84.4	110 h6	93	124	3	378	58	90	3	20	8	105	80	26	55	M 10	2	105x4	89	110	200	40	M 24
7	W120x3x30x38x8f	119.4	120 h6	118	134	3	448	68	105	3	20	8	125	90	26	65	M 12	2	125x4	114	120	235	40	M 24
8	W120x3x30x38x8f	119.4	130 h6	118	145	3	448	73	105	3	20	8	125	90	26	65	M 12	2	125x4	114	130	235	40	M 24
9	W140x3x30x45x8f	139.4	145 m6	138	160	3	514	82	125	4	23	10	150	110	33	80	M 12	2	150x4	134	145	270	45	M 30
10	W140x3x30x45x8f	139.4	155 m6	138	170	3	514	92	125	4	23	10	150	110	33	80	M 12	2	150x4	134	155	270	45	M 30
11	W170x5x30x32x8f	169	170 m6	168	185	5	614	112	150	4	23	10	175	130	33	90	M 12	2	175x4	160	170	320	45	M 30
12	W170x5x30x32x8f	169	185 m6	168	200	5	614	122	150	4	23	10	175	130	33	90	M 12	2	175x4	160	185	320	45	M 30
14	W190x5x30x36x8f	189	215 m6	188	233	5	754	147	180	5	23	10	200	150	33	110	M 16	2	200x4	180	215	360	45	M 30
16	W220x5x30x42x8f	219	245 m6	218	253	5	868	157	200	5	28	14	240	180	39	140	M 16	2	240x5	210	245	450	60	M 36
18	W250x5x30x48x8f	249	285 m6	248	306	5	996	177	215	5	30	14	265	200	39	150	M 20	2	265x5	240	285	510	60	M 36

1) 工作机驱动轴材质为 60 或强度更高的钢材。

1) Material of driven machine shaft: 60 or higher strength.

齿轮箱 与法兰轴联接的对接法兰 类型 MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / 规格 5-12

Gear Units Counterflanges for Flanged Shafts Types MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / Sizes 5-12



类型 / Types **MTH2F, MTH3F, MTH4F, MTB2F, MTB3F, MTB4F**

齿轮箱规格 Gear unit size	法兰 / Flange d_2	d_3	d_4	D_4	D_5	f	k_2	l_3	l_4	l_5	s_2	t_3	u	螺栓 Bolt [1] 规格 Size	数量 Qty	T_A [2]
	mm															Nm
5	300	150	100	135	110	2.5	260	16	175	167	M20	8	25	M20 x 70	16	610
6	320	160	210	145	120	2.5	280	22	185	171	M20	8	25	M20 x 70	18	610
7	375	180	230	160	135	2.5	320	21	220	207	M24	8	30	M24 x 90	18	1050
8	390	190	270	175	150	2.5	340	22	220	205	M24	8	30	M24 x 90	18	1050
9	430	220	290	195	160	4.0	380	22	250	238	M24	10	38	M24 x 100	20	1050
10	470	240	310	220	180	4.0	420	22	250	238	M24	10	38	M24 x 100	22	1050
11	510	260	340	235	200	4.0	450	22	290	278	M30	10	42	M30 x 120	18	2100
12	540	280	360	255	210	4.0	480	22	290	278	M30	10	42	M30 x 120	22	2100

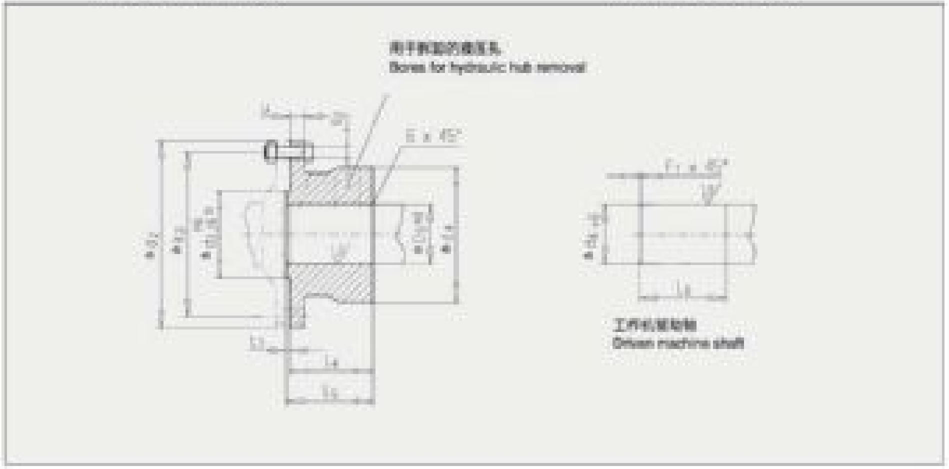
齿轮箱规格 Gear unit size	工作机驱动轴 Driven machine shaft d_6	d_7	f_1	k_1	l_6	t	s_1	t_1	t_2	端板 End plate e_1	d	D	k_1	螺栓 Bolt 规格 Size	数量 Qty	重量 Weight
	mm									mm						kg
5	110	122	2.5	80	165	2	M12	28	7.5	10	130	13.5	80	M12 x 35	4	35
6	120	132	2.5	85	168	2	M16	32	7.5	14	140	17.5	85	M16 x 45	4	45
7	135	147	2.5	95	205	2	M16	32	16	14	155	17.5	95	M16 x 45	4	65
8	150	162	2.5	110	204	2	M16	32	16	16	170	17.5	110	M16 x 45	4	85
9	160	176	4.0	110	235	3	M16	32	16	16	190	17.5	110	M16 x 45	4	115
10	180	196	4.0	145	235	3	M20	38	16	18	215	22	145	M20 x 55	4	130
11	200	216	4.0	145	275	3	M20	38	16	18	230	22	145	M20 x 55	4	175
12	210	230	4.0	160	275	3	M20	38	16	18	250	22	160	M20 x 55	4	200

平键不在供货范围之内，如需要请另行订购。
1) 螺栓按照 GB5781-86，性能等级为 10.9 级；
螺母按照 GB41-86，性能等级为 10 级。
2) 法兰联接螺栓的拧紧力矩。
法兰和工作机驱动轴的材质为 60 或更高强度的钢材

Parallel key does not belong to our scope of supply.
Please order separately, if required.
1) Bolts acc. to GB5781-86, material 10.9;
Nuts acc. to GB41-86, material 10
2) Tightening torque of flange connection bolts
Material of flanges and driven machine shafts: 60 or higher strength.

齿轮箱 与法兰轴联接的对接法兰 类型 MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / 规格 13-26

Gear Units Counterflanges for Flanged Shafts Types MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / Sizes 13-26



类型 / Types **MTH2F, MTH3F, MTH4F, MTB2F, MTB3F, MTB4F**

齿轮箱规格 Gear unit size	法兰 / Flange d_2	d_3	d_4	D_5 [2]	k_2	l_4	l_5	s_2	t_3	u	螺栓 Bolt [1] 规格 Size	数量 Qty	T_A	工作机驱动轴 Driven machine shaft d_6	f_1	l_6	重量 Weight
	mm												Nm	mm			kg
13	580	310	390	240	500	310	322	M30	12	48	M30 x 130	20	2100	240	3	322	235
14	620	310	420	260	540	345	357	M30	12	48	M30 x 130	24	2100	260	3	357	300
15	710	360	450	280	630	365	380	M30	15	55	M30 x 140	28	2100	280	3	380	400
16	740	360	480	300	660	395	410	M30	15	55	M30 x 140	30	2100	300	4	410	450
17	750	410	520	320	660	420	436	M36	16	60	M36 x 150	24	3580	320	4	436	540
18	800	410	550	340	710	450	466	M36	16	60	M36 x 150	28	3580	340	4	466	650
19 - 26	按需询问 / On request																

平键不在供货范围之内，如需要请另行订购。
1) 螺栓按照 GB5781-86，性能等级为 10.9 级；
螺母按照 GB41-86，性能等级为 10 级。
2) 法兰联接螺栓的拧紧力矩。
法兰和工作机驱动轴的材质为 60 或更高强度的钢材

装配法兰时应加热至 190 °C，
工作机驱动轴应在 20 °C。

Parallel key does not belong to our scope of supply.
Please order separately, if required.
1) Bolts acc. to GB5781-86, material 10.9;
Nuts acc. to GB41-86, material 10
2) Tightening torque of flange connection bolts
Material of flanges and driven machine shafts: 60 or higher strength.

For assembly, heat counterflange to 190 °C, and driven machine shaft to 20 °C.

齿轮箱 润滑油选择和防腐保存

Gear Units Selection of Oil and Preservation

齿轮箱可以加注我们认可厂家生产的润滑油，提供油生产厂家或润滑油供应商对其产品的质量负责。在选择润滑油品种和润滑油粘度时请注意在表 1 中已规定的允许的最低启用温度。

表 2 给出了相应齿轮箱类型和规格的润滑油供给方式可选方案。
最低工作粘度不得小于 25 cSt 。

Gear units may be filled with oils from producers authorized by us , the oil producer or supplier being responsible for the quality of his product. For the selection of oil grade and viscosity , the limits of application given in table 1 are to be taken into consideration.

In table 2 a survey of the possible oil supply variants is given for the respective types and sizes.
A minimum operating viscosity of 25 cSt must be ensured.

表 1 / Table 1

40℃ 温度下的 ISO-VG 粘度，mm²/s(cSt) Viscosity ISO-VG at 40℃ in mm²/s (cSt)	允许的最低启用温度 ℃ Minimum temperature limit in ℃ for			
	浸油润滑 Dip lubrication		强制润滑 Forced lubrication	
	矿物油 Mineral oil	合成油 Synthetic oil	矿物油 Mineral oil	合成油 Synthetic oil
VG 220	- 15	- 25	10	0
VG 320	- 12	- 25	15	5
VG 460	- 9	- 25	—	—

浸油润滑：
当采用浸油润滑时，所有需要润滑的零部件均需浸在润滑油液中。
附加的补偿油箱用于存储油温升高的润滑油。
选择依据参见第 375 页。
如果温度低于表中给出的温度值，则必须对润滑油进行加热。
在采用浸油润滑时，油温不得低于润滑油的倾点。

Dip lubrication:
In case of dip lubrication , all parts to be lubricated are lying in the oil .
An oil compensating tank has been fitted for oil expansion.
For criteria for selection , see page 375.
If the temperatures are below the values as listed in the table , the oil must be heated.
In case of dip lubrication , the oil temperature must not drop below the pour point of the selected oil .

强制润滑：
当采用强制润滑时，所有未浸在油液中的零部件均通过一个法兰安装的泵或通过单独电动机驱动的泵进行飞溅润滑。
选择依据参见第 376 至 379 页。
当采用强制润滑时，启动运行的工作粘度不得超过 1800 cSt。
如果温度低于表 1 中给出的最低启用温度，则应采用浸油润滑方式或必须对润滑油进行加热。

Forced lubrication:
In case of forced lubrication , all parts not lying in oil are splash lubricated by means of a flanged-on pump or by a separate motor pump.
For criteria for selection , see pages 376 - 379 .
In case of forced lubrication , the operating viscosity 1800 cSt must not be exceeded during start-up.
If the temperatures are below the values as listed in table 1, dip lubrication has to be provided or the oil must be heated.

防腐保存：
齿轮箱的内部防腐与所使用的润滑油密切相关。
已做过防腐处理的齿轮箱可能的存储时间如下：

标准防腐	长效防腐 [1]
可保存至 6 个月	可保存至 24 个月 [2] 可保存至 36 个月 [3]

1) 不适用于配置迷宫密封或其他非接触式密封。

2) 仅适用于矿物油或 PAO 基的合成油。

3) 仅适用于 PG 基的合成油。

当超过上述防腐期限时必须对齿轮箱进行防腐处理。

Preservation:
The internal preservation of gear units is dependent on the oil used.
For gear units with corrosion prevention , the following storage times are possible:

Standard preservation	Long-term preservation [1]
up to 6 months	up to 24 months [2] up to 36 months [3]

1) Not for gear units with labyrinth seals or diaphragm glands .

2) Only if mineral oil or synthetic oil on PAO basis is used .

3) Only if synthetic oil on PG basis is used .

If the storage periods mentioned are exceeded , the anti-corrosive agent in the gear unit is to be renewed .

齿轮箱 润滑油供给方式可选方案 类型 MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / 规格 3-26

Gear Units Oil Supply Survey of Variants Types MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / Sizes 3-26

表 2 / Table 2

类型 Type	规格 Size	浸油润滑 Dip lubrication		法兰安装泵润滑 Forced lubrication, flanged-on pump			电动泵强制润滑 Forced lubrication, motor pump	
MTH1SH	3 - 17	H		H			—	
MTH2..	4	H	V		V		—	
	5 - 12	H	V	H	V	SR [1] [3]	—	
	13 - 18	H M		H M	V	SR [1] [3]	—	
	19 - 26	H M			V		—	
MTH3..	5 - 12	H	V		V	SR [1]	V	SR [1]
	13 - 18	H M			V	SR [1]	V	SR [1]
	19 - 26	H M			V		—	
MTH4..	7 - 12	H	V		V		V	
	13 - 18	H M			V		V	
	19 - 26	H M			V		—	
MTB2..	4	H	V		V		—	
	5 - 12	H	V	H	V	SR [2]	V	SR [2]
	13 - 18	H M		H M	V	SR [2]	V	SR [2]
	19 - 26	H M			V		—	
MTB3..	4	H	V		V		—	
	5 - 12	H	V		V	SR [2]	V	SR [2]
	13 - 18	H M			V	SR [2]	V	SR [2]
	19 - 26	H M			V		—	
MTB4..	5 - 12	H	V		V	SR [2]	V	SR [2]
	13 - 18	H M			V	SR [2]	V	SR [2]
	19 - 26	H M			V		—	

H – 卧式安装齿轮箱
M – 轴装式水平安装的齿轮箱
V – 立式安装齿轮箱
SR – 带实心输出轴和干井式密封的立式安装齿轮箱

1) 仅适于结构形式 B
2) 仅适于结构形式 C
3) 对于规格 5 的齿轮箱仅适用于传动比 i ≤ 16
对于规格 7 的齿轮箱仅适用于传动比 i ≤ 16
对于规格 11 的齿轮箱仅适用于传动比 i ≤ 18
对于规格 13 的齿轮箱仅适用于传动比 i ≤ 18
对于规格 17 的齿轮箱仅适用于传动比 i ≤ 18

H = Horizontal gear unit
M = Shaft-mounted horizontal gear unit
V = Vertical gear unit
SR = Vertical gear unit with solid output shaft and oil retaining tube

1) Design B possible only
2) Design C possible only
3) For size 5 only possible up to i ≤ 16
For size 7 only possible up to i ≤ 16
For size 11 only possible up to i ≤ 18
For size 13 only possible up to i ≤ 18
For size 17 only possible up to i ≤ 18

齿轮箱 浸油润滑 / 立式安装
类型 MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / 规格 4-12

Gear Units Dip lubrication / Vertical
Types MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / Sizes 4-12

当采用浸油润滑方式时(a)须满足下列要求：

a) 最大输入转速 n_1 参见表 3
b) 允许润滑油温度 1

对于 n_1 和 i_N 不符合表 3 的齿轮箱，其热功率计算的参数与基于型的齿轮可能存在偏差，如必要，此类齿轮箱应采用强制润滑方式，请咨询。

For the design with dip lubrication the following criteria are to be taken into account:
a) For maximum input speed n_1, see table 3
b) For permissible oil temperatures, see table 1

For gear units with n_1 and i_N not listed in table 3, the parameters for the calculation of the thermal capacity can deviate from those given in this brochure. If necessary, such gear units are to be designed with forced lubrication. Please consult us!

表 3 / Table 3

规格 Size	类型 / Types											
	MTH2.V		MTH3.V		MTH4.V		MTB2.V		MTB3.V		MTB4.V	
	i_N	n_{1max}	i_N	n_{1max}	i_N	n_{1max}	i_N	n_{1max}	i_N	n_{1max}	i_N	n_{1max}
4	6.3 - 10 11.2 - 12.5 14 - 22.4	1200 1500 1800	–		–		5 - 5.6 6.3 - 7.1 8 - 9 10 - 11.2	750 900 1000 1200	12.5 - 71	1800	–	
5	6.3 - 9 10 - 12.5 14 - 18 18 - 22.4	1000 1200 1500 1800	25 - 90	1800	–		6.3 - 7.1 8 - 9 10 - 11.2	750 900 1000	12.5 - 71	1800	80 - 315	1800
6	8 - 11.2 12.5 - 16 18 - 20 22.4 - 28	1000 1200 1500 1800	31.5 - 112	1800	–		9 10 - 11.2 12.5 - 14	750 900 1000	16 - 90	1800	100 - 400	1800
7	6.3 - 7.1 8 - 9 10 - 11.2 12.5 - 16 18 - 22.4	750 900 1000 1200 1500	25 - 90	1800	100 - 355	1800	9 - 10 11.2	750 900	12.5 - 25 28 - 71	1500 1800	80 - 315	1800
8	8 - 9 10 - 11.2 12.5 - 14 16 - 20 22.4 - 28	750 900 1000 1200 1500	31.5 - 112	1800	125 - 450	1800	11.2 - 12.5 14	750 900	16 - 31.5 35.5 - 90	1500 1800	100 - 400	1800
9	6.3 - 7.1 8 - 10 11.2 - 22.4	1200 1500 1800	25 - 90	1800	100 - 355	1800	5 - 5.6 6.3 - 7.1 8 - 10 11.2	900 1000 1200 1500	12.5 - 71	1800	80 - 315	1800
10	8 - 9 10 - 12.5 14 - 28	1200 1500 1800	31.5 - 112	1800	125 - 450	1800	6.3 - 7.1 8 - 9 10 - 12.5 14	900 1000 1200 1500	16 - 90	1800	100 - 400	1800
11	6.3 - 7.1 8 - 10 11.2 - 12.5 14 - 22.4	1000 1200 1500 1800	25 - 90	1800	100 - 355	1800	5.6 - 6.3 7.1 - 8 9 - 10 11.2	750 900 1000 1200	12.5 - 22.4 25 - 71	1500 1800	80 - 315	1800
12	8 - 9 10 - 12.5 14 - 18 18 - 28	1000 1200 1500 1800	31.5 - 112	1800	125 - 450	1800	7.1 - 8 9 - 10 11.2 - 12.5 14	750 900 1000 1200	18 - 28 31.5 - 90	1500 1800	100 - 400	1800

齿轮箱 强制润滑 / 法兰泵 / 立式安装
类型 MTH2.V, MTH3.V, MTH4.V / 规格 5-18

Gear Units Dip lubrication / Flanged-on Pump / Vertical
Types MTH2.V, MTH3.V, MTH4.V / Sizes 5-18

表 4 / Table 4

立式安装平行轴齿轮箱的法兰泵配置 / Assignment of flanged-on pumps to vertical helical gear units

类型 布置形式 Type Design	n_1 max.*	齿轮箱规格 Gear unit size		法兰泵规格 Flanged-on pump size	齿轮箱规格 Gear unit size			法兰泵规格 Flanged-on pump size
		5, 7, 9, 11	6, 8, 10, 12		13, 15, 17	14	16, 18	
		传动比 / Ratio i_N			传动比 / Ratio i_N			
MTH2.V A, C	750 - 1800	6.3 - 22.4	8 - 28	KSW 1	6.3 - 22.4	8 - 28	7.1 - 25	KSW 2
MTH3.V A, C	1201 - 1800	25 - 40	31.5 - 50	KSW 2	22.4 - 50	28 - 63	25 - 56	KSW 3
		45 - 90	56 - 112	KSW 3	56 - 90	71 - 112	63 - 90	KSW 4
							100	*
	901 - 1200	25 - 56	31.5 - 71	KSW 3	22.4 - 31.5	28 - 40	25 - 35.5	KSW 3
		63 - 90	80 - 112	*	35.5 - 56	45 - 71	40 - 63	KSW 4
					63 - 90	80 - 112	71 - 100	*
	750 - 900	25 - 45	31.5 - 56	KSW 3	22.4 - 25	28 - 31.5	25 - 28	KSW 3
		50 - 90	63 - 112	*	28 - 45	35.5 - 56	31.5 - 50	KSW 4
					50 - 90	63 - 112	56 - 100	*
MTH4.V A, C	1201 - 1800	100 - 224	125 - 280	KSW 3	100 - 355	125 - 450	112 - 400	*
		250 - 355	315 - 450	*				
	901 - 1200	100 - 140	125 - 180	KSW 3				
		160 - 355	200 - 450	*				
	750 - 900	100 - 112	125 - 140	KSW 3				
		125 - 355	160 - 450	*				
MTH2.V B, D	750 - 1800	6.3 - 22.4	8 - 28	KSW 1	6.3 - 22.4	8 - 28	7.1 - 25	KSW 2
MTH3.V B, D	1201 - 1800	25 - 35.5	31.5 - 45	KSW 2	22.4 - 35.5	28 - 45	25 - 40	KSW 3
		40 - 71	50 - 90	KSW 3	40 - 71	50 - 90	45 - 80	KSW 4
		80 - 90	100 - 112	*	80 - 90	100 - 112	90 - 100	*
	901 - 1200	25 - 50	31.5 - 63	KSW 3	22.4 - 25	28 - 31.5	25 - 28	KSW 3
		56 - 90	71 - 112	*	28 - 45	35.5 - 56	31.5 - 50	KSW 4
					50 - 90	63 - 112	56 - 100	*
	750 - 900	25 - 35.5	31.5 - 45	KSW 3	22.4 - 35.5	28 - 45	25 - 40	KSW 4
		40 - 90	50 - 112	*	40 - 90	50 - 112	45 - 100	*
MTH4.V B, D	1201 - 1800	100 - 180	125 - 224	KSW 3	100 - 355	125 - 450	112 - 400	*
		200 - 355	250 - 450	*				
	901 - 1200	100 - 126	125 - 160	KSW 3				
		140 - 355	180 - 450	*				
	750 - 900	100 - 355	125 - 450	*				

* = 所需电动泵参见表 6 / Motor pump required, see table 6

齿轮箱 强制润滑 / 法兰泵 / 立式安装 Gear Units Dip lubrication / Flanged-on Pump / Vertical

类型 MTB2.V, MTB3.V, MTB4.V / 规格 5-18 Types MTB2.V, MTB3.V, MTB4.V / Sizes 5-18

表 5 / Table 5

立式安装平行轴齿轮箱的法兰泵配置 / Assignment of flanged-on pumps to vertical bevel-helical gear units

类型 布置形式 Type Design	n_1 min^{-1}	齿轮箱规格 Gear unit size 5, 7, 9, 11 传动比 / Ratio i_N	齿轮箱规格 Gear unit size 6, 8, 10, 12 传动比 / Ratio i_N	法兰泵规格 Flanged-on pump size	齿轮箱规格 Gear unit size 13, 15, 17 传动比 / Ratio i_N	齿轮箱规格 Gear unit size 14 传动比 / Ratio i_N	齿轮箱规格 Gear unit size 16, 18 传动比 / Ratio i_N	法兰泵规格 Flanged-on pump size
MTB2.V A, B	1201 - 1800	5 - 6.3	6.3 - 8	KSW 1	5 - 8	6.3 - 10	5.6 - 9	KSW 2
		7.1 - 11.2	9 - 14	KSW 2	9 - 11.2	11.2 - 14	10 - 12.5	KSW 3
	901 - 1200	5 - 8	6.3 - 10	KSW 2	5	6.3	5.6	KSW 2
		9 - 11.2	11.2 - 14	KSW 3	5.6 - 11.2	7.1 - 14	6.3 - 12.5	KSW 3
	750 - 900	5 - 6.3	6.3 - 8	KSW 2	5 - 10	6.3 - 12.5	5.6 - 11.2	KSW 3
		7.1 - 10	9 - 12.5	KSW 3	11.2	14	12.5	*
		11.2	14	*				
MTB2.V C, D	1201 - 1800	5 - 6.3	6.3 - 8	KSW 1	5 - 6.3	6.3 - 8	5.6 - 7.1	KSW 2
		7.1 - 11.2	9 - 14	KSW 2	7.1 - 11.2	9 - 14	8 - 12.5	KSW 3
	901 - 1200	5 - 8	6.3 - 10	KSW 2	5 - 10	6.3 - 12.5	5.6 - 11.2	KSW 3
		9 - 11.2	11.2 - 14	KSW 3	11.2	14	12.5	*
	750 - 900	5 - 6.3	6.3 - 8	KSW 2	5 - 7.1	6.3 - 9	5.6 - 8	KSW 3
		7.1 - 10	9 - 12.5	KSW 3	8 - 11.2	10 - 14	9 - 12.5	*
		11.2	14	*				
MTB3.V A, B	1201 - 1800	12.5 - 35.5	16 - 45	KSW 2	12.5 - 22.4	16 - 28	14 - 25	KSW 2
		40 - 71	50 - 90	KSW 3	25 - 56	31.5 - 63	28 - 56	KSW 3
					56 - 71	71 - 90	63 - 80	KSW 4
	901 - 1200	12.5 - 25	16 - 31.5	KSW 2	12.5 - 35.5	16 - 45	14 - 40	KSW 3
		28 - 56	35.5 - 63	KSW 3	40 - 56	50 - 71	45 - 63	KSW 4
		56 - 71	71 - 90	*	63 - 71	80 - 90	71 - 80	*
	750 - 900	12.5 - 35.5	16 - 45	KSW 3	12.5 - 25	16 - 31.5	14 - 28	KSW 3
		40 - 71	50 - 90	*	28 - 40	35.5 - 50	31.5 - 45	KSW 4
					45 - 71	56 - 90	50 - 80	*
MTB3.V C, D	1201 - 1800	12.5 - 35.5	16 - 45	KSW 2	12.5 - 35.5	16 - 45	14 - 40	KSW 3
		40 - 71	50 - 90	KSW 3	40 - 71	50 - 90	45 - 80	KSW 4
	901 - 1200	12.5 - 25	16 - 31.5	KSW 2	12.5 - 25	16 - 31.5	14 - 28	KSW 3
		28 - 56	35.5 - 63	KSW 3	28 - 56	35.5 - 63	31.5 - 56	KSW 4
		56 - 71	71 - 90	*	56 - 71	71 - 90	63 - 80	*
	750 - 900	12.5 - 35.5	16 - 45	KSW 3	12.5 - 35.5	16 - 45	14 - 40	KSW 4
		40 - 71	50 - 90	*	40 - 71	50 - 90	45 - 80	*
MTB4.V A, B	1201 - 1800	80 - 125	100 - 160	KSW 2	80 - 315	100 - 400	90 - 355	*
		140 - 250	180 - 315	KSW 3				
		280 - 315	355 - 400	*				
	901 - 1200	80 - 180	100 - 224	KSW 3				
		200 - 315	250 - 400	*				
	750 - 900	80 - 125	100 - 160	KSW 3				
		140 - 315	180 - 400	*				
MTB4.V C, D	1201 - 1800	80 - 180	100 - 224	KSW 3	80 - 315	100 - 400	90 - 355	*
		200 - 315	250 - 400	*				
	901 - 1200	80 - 125	100 - 160	KSW 3				
		140 - 315	180 - 400	*				
	750 - 900	80 - 90	100 - 112	KSW 3				
		100 - 315	125 - 400	*				

* = 所需电动泵参见表 7 / Motor pump required, see table 7

齿轮箱 强制润滑 / 电动泵 / 立式安装 Gear Units Dip lubrication / Motor Pump / Vertical

类型 MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / 规格 5-18 Types MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / Sizes 5-18

表 6 / Table 6

立式安装平行轴齿轮箱的电动泵配置 / Assignment of motor pumps to vertical helical gear units

类型 / Type	规格 / Size	布置形式 / Design	泵 / Pump
MTH2.V	5 - 18	A / B / C / D	1)
MTH3.V	5 - 18	A / C	SF 2/8
	5 - 12	B / D	SF 2/8
	13 - 18		SF 2/13
MTH4.V	7 - 12	A / C	SF 2/8
	13 - 18		SF 2/13
	7 - 18	B / D	SF 2/13

1) 仅采用法兰型 1) Flanged-on pump only

表 7 / Table 7

立式安装直立轴齿轮箱的电动泵配置 / Assignment of motor pumps to vertical bevel-helical gear units

类型 / Type	规格 / Size	布置形式 / Design	泵 / Pump
MTB2.V	5 - 12	A / B	SF 2/5
	13 - 18		SF 2/8
	5 - 18	C / D	SF 2/8
MTB3.V	5 - 12	A / B	SF 2/8
	13 - 18		SF 2/13
	5 - 12	C / D	SF 2/8
	13 - 18		SF 2/13
MTB4.V	5 - 12	A / B	SF 2/8
	13 - 18		SF 2/13
	5 - 12	C / D	SF 2/8
	13 - 18		SF 2/13

齿轮箱 浸油润滑 / 监测元件 / 立式安装 类型 MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / 规格 5-18

Gear Units Dip lubrication / Monitoring instruments / Vertical Types MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / Sizes 5-18

法兰泵或电动泵强制润滑系统的监测元件

Monitoring instruments for forced lubrication by means of flanged-on or motor pump

齿轮箱规格 Gear unit size 5 - 12	齿轮箱规格 Gear unit size 13 - 18
a) 过滤器 Coarse filter	a) 双切换过滤器 Double change-over filter
b) 压力监测开关 Pressure monitor	b) 压力监测开关 Pressure monitor
	c) 压力表连接螺纹规格 G 1/2 Connection for pressure gauge G 1/2

a)

过滤器用于滤除和收集杂质颗粒以保护传动装置的安全。

双切换过滤器带有并排布置的两个滤筒，设有一个光电污染指示器。

压差 Δp = 2 bar，一个切换触点。

电气参数最大额定值：
切换电压 ≤250 V DC + AC
切换电流 ≤1A
切换容量 P ≤30 W 或 ≤ 60 VA
防护等级 IP 65

a)

Coarse filters serve to protect downstream units by catching and collecting dirt particles.

Double change-over filters with opposed cylinders have an opto-electrical contamination indicator.
Differential pressure Δp = 2 bar; 1 change-over contact.

Electrical maximum ratings:
Switching voltage U ≤250 V DC + AC
Switching current I ≤1A
Switching capability P ≤ 30W or ≤ 60 VA
Type of protection IP 65

b)

当油压 < 0.5 bar 时，压力监测开关通过与所联接的报警系统可发出光或声报警信号或者关闭系统。

技术参数：
最大切换功率
2 A/250 V，AC/250 VA（交流）
4 A/200 V，DC/20 W（直流）
防护等级 IP 65

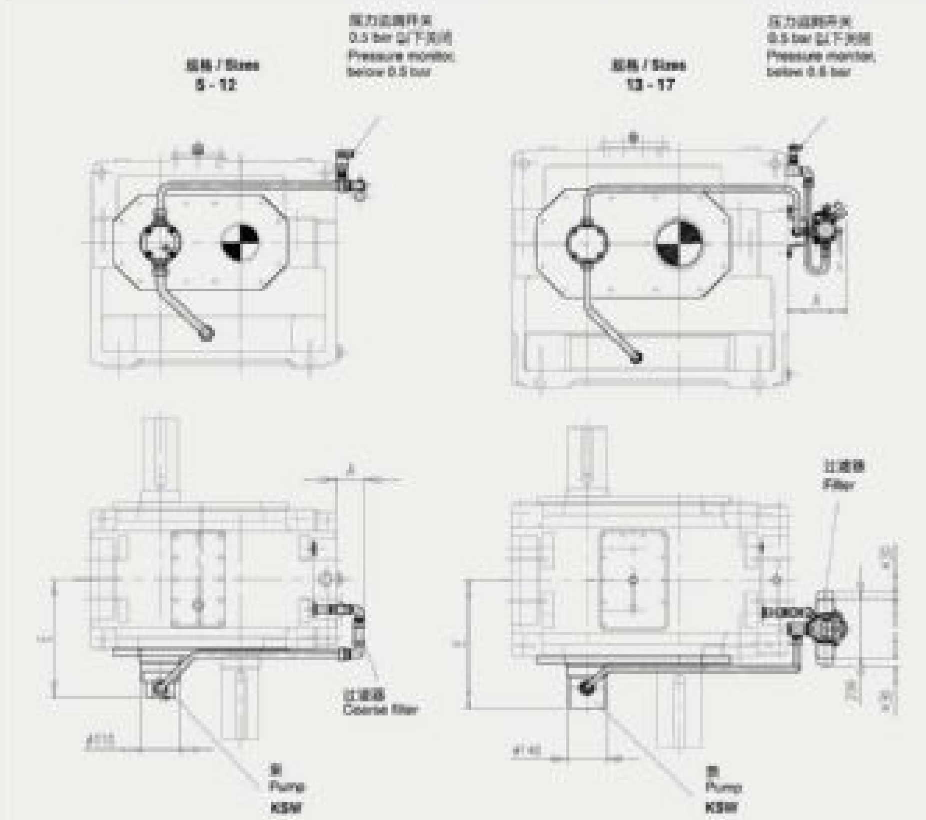
b)

When the oil pressure drops below 0.5 bar, the **pressure monitor** in combination with a warning system can give an optical or acoustical warning, or switch off the system.

Technical data:
Max. switching capacity
2 A/250 V, AC/250 VA (alternating current)
4 A/200 V, DC/20 W (direct current)
Type of protection IP 65

齿轮箱 浸油润滑 / 卧式安装 类型 MTH1SH / 规格 5-17

Gear Units Dip lubrication / Horizontal Types MTH1SH / Sizes 5-17



基础必须保持水平、平坦，倾斜位置请咨询。

The foundation must be flat and horizontal. Inclined position on request.

表 9 / Table 9

齿轮箱规格 Gear unit size	5	7	9	11	13	15	17		
泵 Pump KSW	1	2	2	2	3	3	3	3	3
A mm	≈ 115	≈ 105	≈ 105	≈ 125	≈ 240	≈ 240	≈ 240	≈ 240	≈ 240
E mm	283	337	400	430	474	479	i_N = 3.15 - 4 525	i_N = 4.5 - 5.6 525	i_N = 2 - 2.8 525

*) 对转速 $n_1 \geq 900$ 至 1800 min^{-1} 有效

*) Applies to speeds: $n_1 \geq 900$ up to 1800 min^{-1}

齿轮箱 强制润滑 / 卧式安装
Gear Units Dip lubrication / Horizontal

齿轮箱型 MTH2.H / 规格 5-18
Types MTH2.H / Sizes 5-18

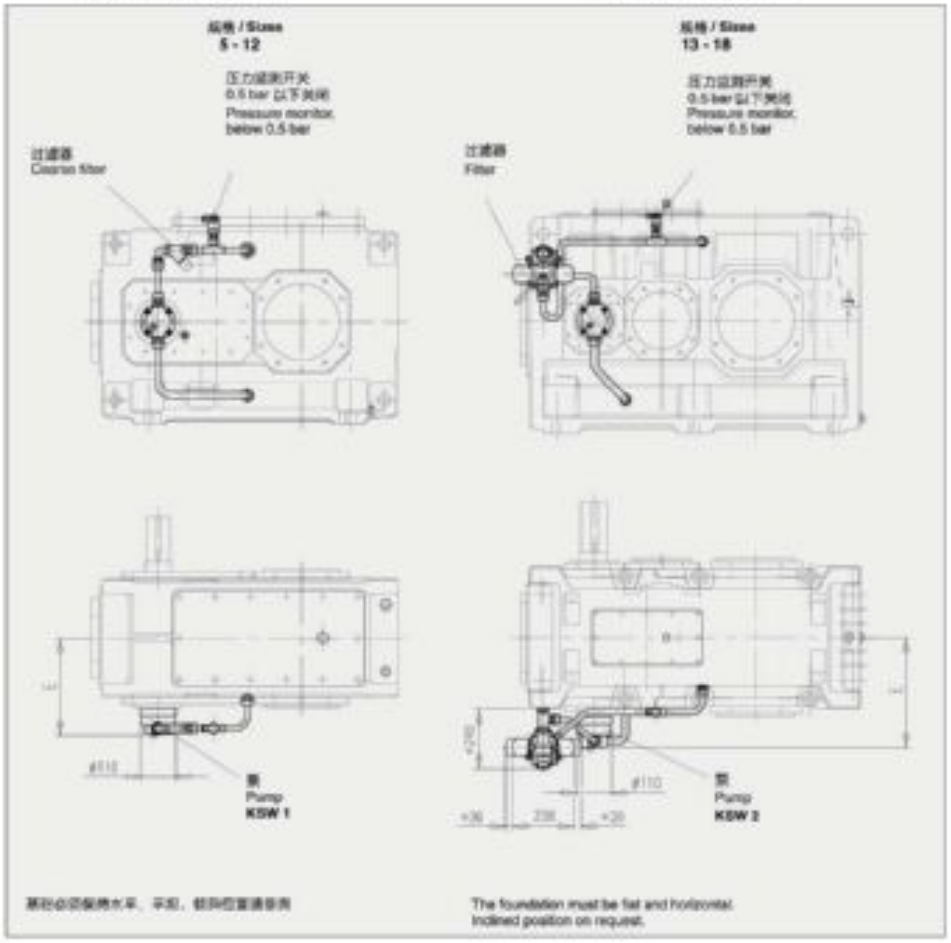


表 10 / Table10

齿轮箱规格 Gear unit size	5	6	7	8	9	10	11	12	13	14	15	16	17	18
E mm	264		286		308		344		440		475		500	

*) 对转速 n_1 > 1500 至 1800 min^{-1} 有效

*) Applies to speeds
n_1 > 1500 up to 1800 min^{-1}

齿轮箱 强制润滑 / 卧式安装
Gear Units Dip lubrication / Horizontal

齿轮箱型 MTB2SH / 规格 5-18
Types MTB2SH / Sizes 5-18

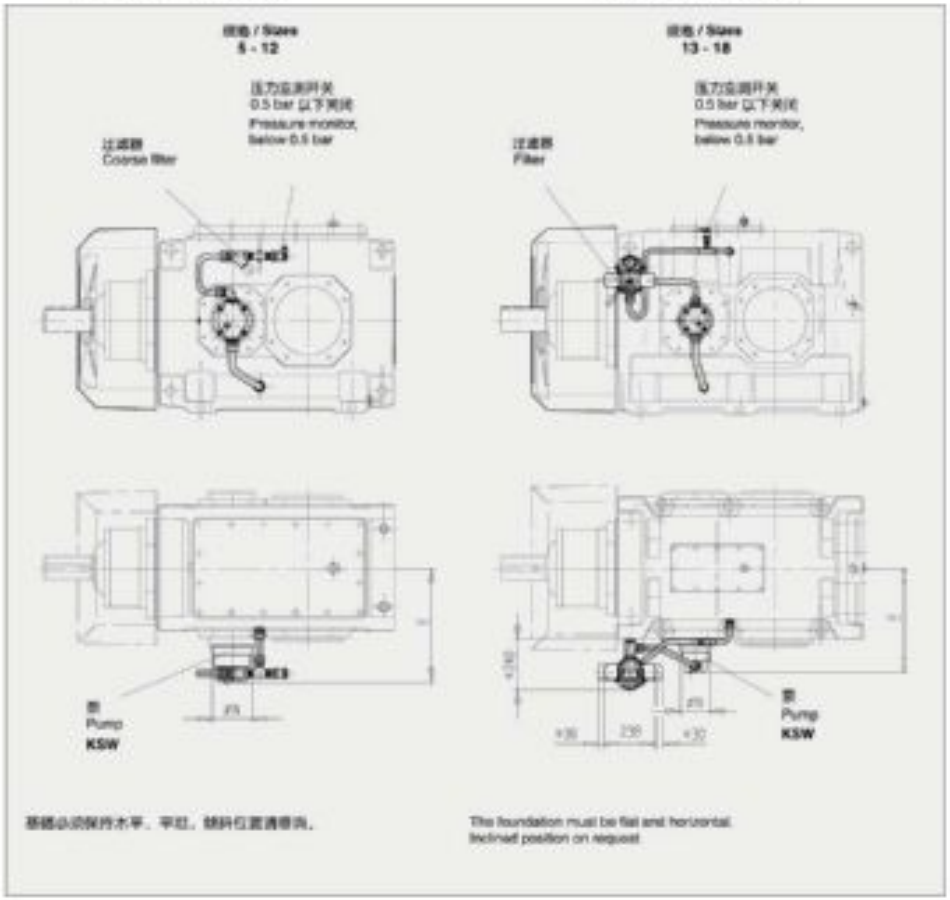


表 11 / Table 11

齿轮箱规格 Gear unit size	5 / 6			7 / 8			9 / 10			11 / 12			13 / 14		15 / 16		17 / 18	
泵 Pump KSW	1	2	3	1	2	3	1	2	3	1	2	3	2	3	2	3	2	3
FN	110	110	140	110	110	140	110	110	140	110	110	140	110	140	110	140	110	140
E	342	342	342	372	372	372	401	401	401	442	442	442	469	469	545	545	606	606

*) 对下列转速有效：
规格 1 和 2：n_1 > 1500 至 1800 min^{-1}
规格 3：n_1 > 1200 至 1800 min^{-1}

*) Applies to the following speeds:
Sizes 1 and 2 n_1 > 1500 up to 1800 min^{-1}
Size 3 n_1 > 1200 up to 1800 min^{-1}

齿轮箱 水 - 油冷却器 / 卧式安装 型号 MTH1SH / 规格 5 - 17

Gear Units Water - oil Cooler / Horizontal Types MTH1SH / Sizes 5-17

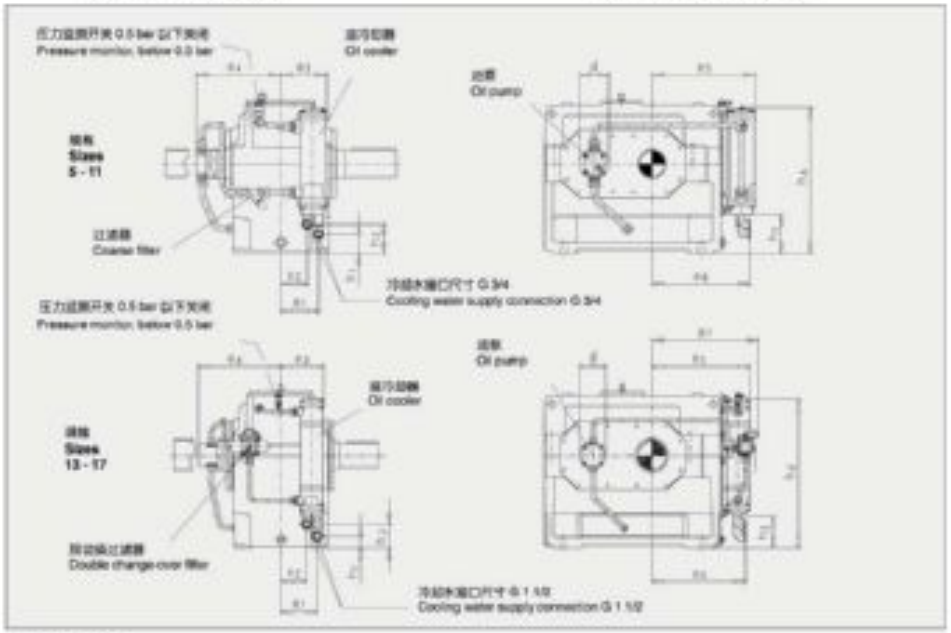


表 12 / Table 12

齿轮箱规格 Gear unit size	规格 Size	油冷却器 / Oil cooler mm											油泵 / Oil pump * KSW 规格 Size	d mm	传动比 Ratio i_{pm}
		e_1	e_2	e_3	e_4	e_5	e_6	e_7	h_1	h_2	h_3	h_4			
5	01	136	92	170	282	365	342	–	55	85	130	550	1	110	1.25 ... 5.6
7	01	148	102	180	335 320	495	383	–	90	130	165	570	2 1	110 110	1.25 ... 4 4.5 ... 5.6
9	01	160	114	195	373 373 358	450	428	–	140	180	215	620	2 2 1	110 110 110	1.25 ... 2.8 3.15 ... 4 4.5 ... 5.6
11	01	180	147	225	433 433 406	510	486	–	165	225	260	665	3 3 2	140 140 110	1.6 ... 2.8 3.15 ... 4 4.5 ... 5.6
13	03	230	160	270	469 469 442	610	588	670	75	150	200	938	3 3 2	140 140 110	1.6 ... 2.8 3.15 ... 4 4.5 ... 5.6
15	03	210	140	250	474 474 447	685	664	745	95	170	220	958	3 3 2	140 140 110	2 ... 2.8 3.15 ... 4 4.5 ... 5.6
17	03	235	165	275	491 491 455	725	704	785	155	230	280	1018	3 3 2	140 140 110	2 ... 2.8 3.15 ... 4 4.5 ... 5.6

当超过热容量 P_{OD} 时应配置油冷却器和油泵，在可能情况下可以与冷却风扇一起使用。

立式齿轮传动箱请查询

热容量请查询

冷却器适用于淡水和海水

*) 对转速 n_1 = 900 - 1800 min^{-1} 有效

If the thermal capacities P_{OD} are exceeded, oil cooler and oil pump have to be provided, possibly together with a fan.

Vertical gear units on request

Thermal capacities on request

Cooler suitable for fresh and sea water

*) Applies to speeds n_1 = 900 - 1800 min^{-1}

齿轮箱 水 - 油冷却器 / 卧式安装 型号 MTH2.H / 规格 5 - 18

Gear Units Water - oil Cooler / Horizontal Types MTH2.H / Sizes 5-18

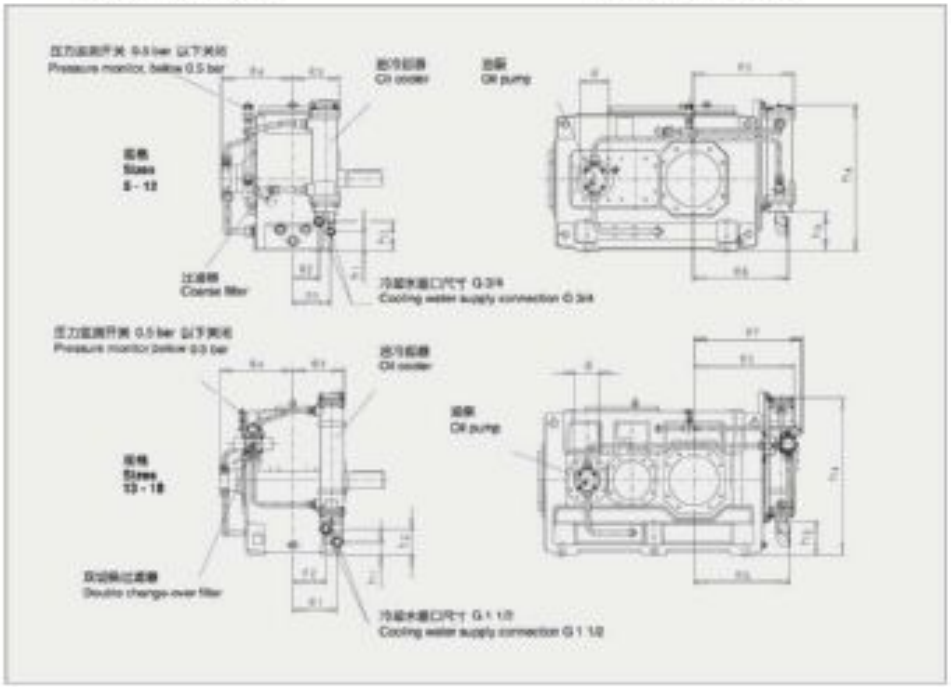


表 13 / Table 13

齿轮箱规格 Gear unit size	规格 Size	油冷却器 / Oil cooler mm											油泵 / Oil pump * KSW 规格 Size	d mm
		e_1	e_2	e_3	e_4	e_5	e_6	e_7	h_1	h_2	h_3	h_4		
5	01	123	77	155	263	395	358	–	55	85	130	550	1	110
6		123	77	155	263	395	363	–	55	85	130	560		
7		148	102	180	283	395	383	–	75	115	150	570		
8	01	148	102	180	283	455	423	–	75	115	150	570	1	110
9		173	127	205	306	455	413	–	150	190	225	645		
10		173	127	205	306	495	460	–	150	190	225	645		
11	01	203	157	235	342	495	456	–	225	265	300	720	1	110
12	01	203	157	235	342	590	543	–	225	265	300	720	2	
13	03	260	190	300	410	590	565	645	75	150	200	938	2	
14	03	260	190	300	410	670	633	725	75	150	200	938	2	110
15		300	230	340	445	670	643	725	105	190	230	968		
16		300	230	340	445	715	688	770	105	190	230	968		
17	03	330	260	370	475	715	680	770	145	220	270	1008	2	110
18						770	743	825						

) 用于所有传动比 (n_1 = 750 - 1800 min^{-1})

当超过热容量 P_{OD} 时应配置油冷却器和油泵，在可能情况下可以与冷却风扇一起使用。

立式齿轮传动箱请查询

热容量请查询

冷却器适用于淡水和海水

) For all transmission ratios (n_1 = 750 - 1800 min^{-1})

If the thermal capacities P_{OD} are exceeded, oil cooler and oil pump have to be provided, possibly together with a fan.

Vertical gear units on request

Thermal capacities on request

Cooler suitable for fresh and sea water

齿轮箱 水 - 油冷却器 / 卧式安装
类型 MTB2.H / 规格 5-12

Gear Units Water - oil Cooler / Horizontal
Types MTB2.H / Sizes 5-12

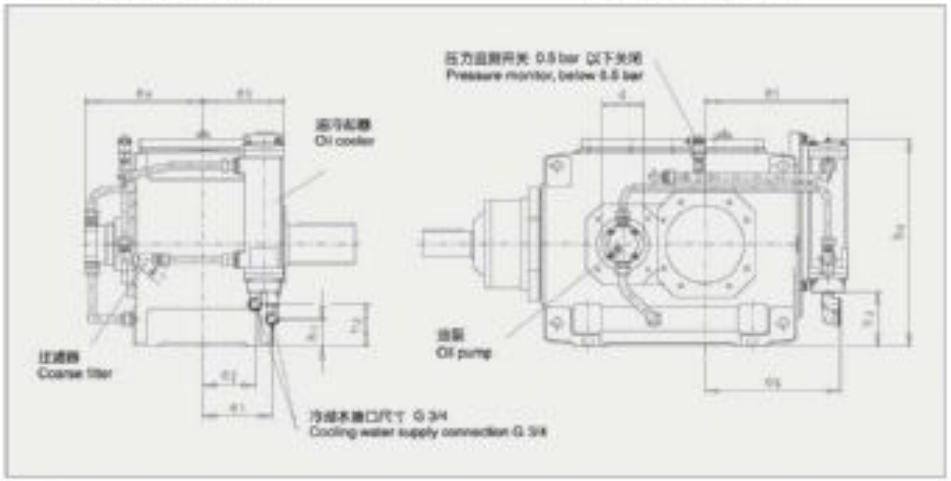


表 14 / Table 14

齿轮箱规格 Gear unit size	油冷却器 / Oil cooler											油泵 / Oil pump*	
	规格 Size	mm										KSW 规格 Size	d mm
		a_1	a_2	a_3	a_4	a_5	a_6	h_1	h_2	h_3	h_4		
5	01	158	112	190	340 313 296	355	323	55	95	130	550	3 2 1	140 110 110
6	01	158	112	190	340 313 296	400	368	55	95	130	550	3 2 1	140 110 110
7	01	188	142	220	370 343 328	400	368	75	115	150	570	3 2 1	140 110 110
8	01	188	142	220	370 343 328	460	428	75	115	150	570	3 2 1	140 110 110
9	01	218	172	250	399 372 357	460	418	150	190	225	645	3 2 1	140 110 110
10	01	218	172	250	399 372 357	500	468	150	190	225	645	3 2 1	140 110 110
11	01	263	217	295	440 413 398	500	463	225	265	300	720	3 2 1	140 110 110
12	01	263	217	295	440 413 398	560	548	225	265	300	720	3 2 1	140 110 110

当超过热容量 P_{SD} 时应配置油冷却器和油泵，在可能情况下可以与冷却风扇一起使用。

立式安装齿轮箱请查询
热容量请查询
冷却器适用于淡水和海水

*) 泵的规格的确定与立式安装齿轮箱相同，即根据转速 n_1 和传动比确定泵的规格，参见第 377 页

If the thermal capacities P_{SD} are exceeded, oil cooler and oil pump have to be provided, possibly together with a fan.

Vertical gear units on request

Thermal capacities on request

Cooler suitable for fresh and sea water

*) For different pump sizes the transmission ratio assignments will apply as determined for vertical gear units and speeds n_1, see page 377.

齿轮箱 水 - 油冷却器 / 卧式安装
类型 MTB2.H / 规格 13-18

Gear Units Water - oil Cooler / Horizontal
Types MTB2.H / Sizes 13-18

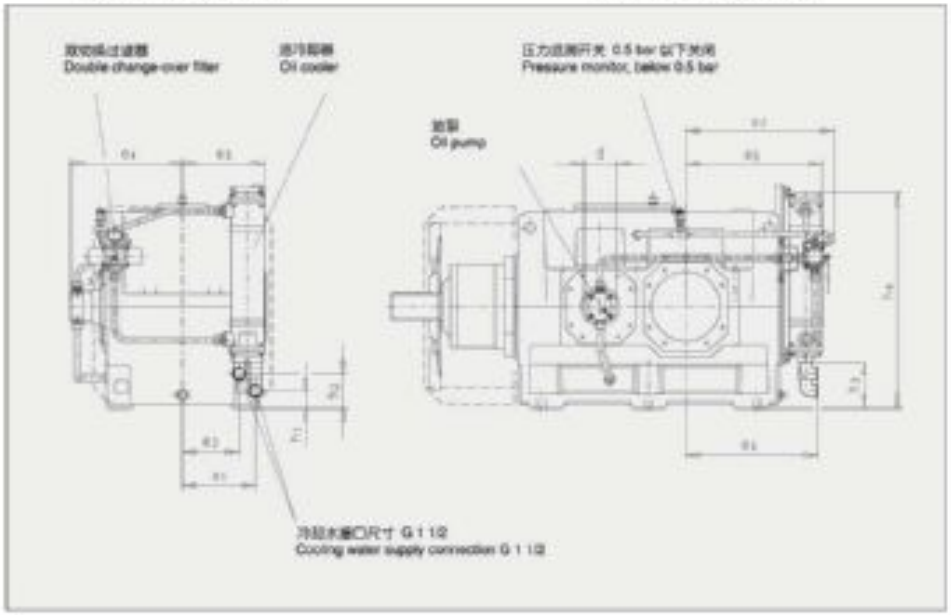


表 15 / Table 15

齿轮箱规格 Gear unit size	油冷却器 / Oil cooler												油泵 / Oil pump*	
	规格 Size	mm											KSW 规格 Size	d mm
		a_1	a_2	a_3	a_4	a_5	a_6	a_7	h_1	h_2	h_3	h_4		
13	03	326	250	365	487 460	595	573	645	75	150	200	938	3 2	140 110
14	03	326	250	365	487 460	660	643	715	75	150	200	938	3 2	140 110
15	03	375	305	410	543 516	675	653	725	105	180	230	958	3 2	140 110
16	03	375	305	410	543 516	720	698	770	105	180	230	958	3 2	140 110
17	03	435	365	470	605 578	720	693	770	145	220	270	1038	3 2	140 110
18	03	435	365	470	605 578	775	753	825	145	220	270	1038	3 2	140 110

当超过热容量 P_{SD} 时应配置油冷却器和油泵，在可能情况下可以与冷却风扇一起使用。

立式安装齿轮箱请查询
热容量请查询
冷却器适用于淡水和海水

*) 泵的规格的确定与立式安装齿轮箱相同，即根据转速 n_1 和传动比确定泵的规格，参见第 377 页

If the thermal capacities P_{SD} are exceeded, oil cooler and oil pump have to be provided, possibly together with a fan.

Vertical gear units on request

Thermal capacities on request

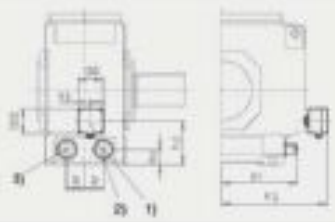
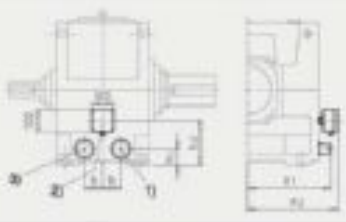
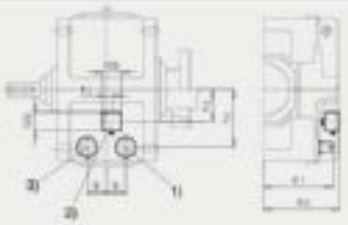
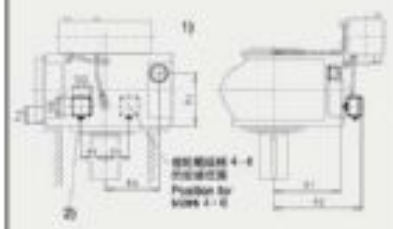
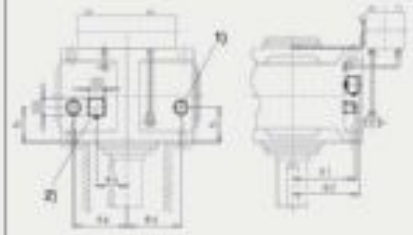
Cooler suitable for fresh and sea water

*) For different pump sizes the transmission ratio assignments will apply as determined for vertical gear units and speeds n_1, see page 377.

齿轮箱 带加热元件
Gear Units With Heating Elements

型号 MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / 规格 4-18

Types MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / Sizes 4-18

齿轮箱规格 Gear unit size	4 - 12	13 - 18
卧式安装 Horizontal mounting position		
轴装式 Shaft-mounted design		
立式安装 Vertical mounting position		

不能采用迷宫式密封。

1) 嵌入式加热元件
技术参数和说明：
防护等级 IP 65，
230 V，50 Hz，功率与设计相关(请查询)

2) 温度监测开关 ATH-SW22
技术参数和说明：
防护等级 IP 65，
双切换触点开关（可调）
最大开关容量：
2 A / 230 V AC / 460 VA cos φ = 0.6(交流)
0.25 A / 230 V DC / 58 W(直流)

3) 规格号 4, 6, 8, 10, 12, 14, 16, 18 不能安装在此位置

当润滑油的温度低于临界温度时，有必要使用加热元件。

根据不同的布置形式可以将嵌入式加热元件和温度监测开关安装在轴的相应面上。

具体尺寸请查询

Labyrinth seal not possible as shaft seal

1) Screwed heating element;
Technical data and notes:
type of protection IP 65,
230V, 50 Hz, power rating dependent on design. (Please refer to us)

2) Temperature monitor ATH-SW22;
Technical data and notes:
type of protection IP 65,
2 change-over contacts (adjustable),
max. switching capacity
2 A / 230 V AC/460 VA cos φ = 0.6
(alternating current),
0.25 A / 230 V DC/58 W (direct current)

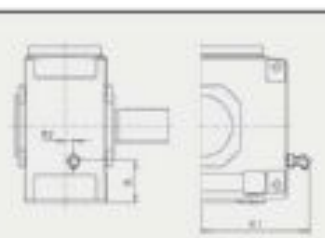
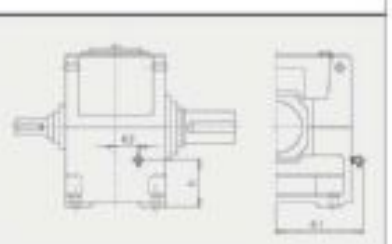
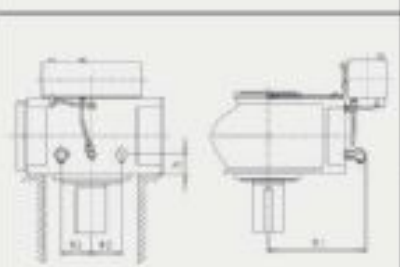
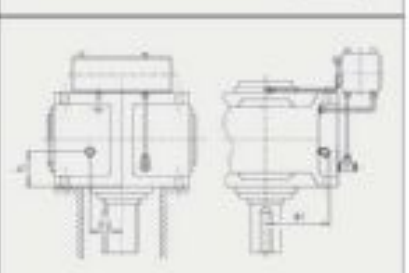
3) Not applicable for sizes
4, 6, 8, 10, 12, 14, 16, 18

The use of heating elements will be necessary if the temperature limit for lubrication is undershot.
Dependent on the design, screwed heating elements and temperature monitors may be arranged mirror-inverted.
Dimensions on request

齿轮箱 带油温计
Gear Units With Thermometer for Oil Temperature

型号 MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / 规格 4-18

Types MTH2, MTH3, MTH4, MTB2, MTB3, MTB4 / Sizes 4-18

齿轮箱规格 Gear unit size	4 - 12	13 - 18
卧式安装 Horizontal mounting position		
轴装式 Shaft-mounted design		
立式安装 Vertical mounting position		

PG 9

电阻式温度计 PT 100
技术参数和说明：
接头防护等级：IP 54
双线连接
用户也可以采用三线或四线连接，必须与分析元件相连。

根据不同的布置形式，可以将电阻式温度计安装在轴对称位置上。

不能采用迷宫式密封。

具体尺寸请查询

Resistance thermometer PT 100
Technical data and notes:
Type of protection for terminal head: IP 54,
two-wire connection.
Three- and four-wire connection at the customer's is also possible.
Connection to an evaluation instrument is necessary!

Dependent on the design, the resistance thermometer may be arranged mirror-invertsd.
Labyrinth seal not possible as shaft seal.

Dimensions on request

齿轮箱 轴封 类型 MTH1 - MTH4, MTB2 - MTB4 / 规格 3 - 26

Gear Units Shaft Seals Types MTH1 - MTH4, MTB2 - MTB4 / Sizes 3-26

表 1 / Table 1 轴封方案 / Variants of shaft seals

类型 Type	规格 Size	径向轴封 Radial shaft seal		迷宫式密封 [2] Labyrinth seal		塔克式密封 [1] Taconite seal	
		d_1	d_2	d_1 [3]	d_2	d_1 [3]	d_2
MTH1SH	3 - 17	H	H	H	H	H	H
MTH2..	4 - 18	H / V	H / V	H	–	H / V	H / V
MTH3..	5 - 18	H / V	H / V	–	–	H [1] / V	H / V
MTH4..	7 - 18	H / V	H / V	–	–	H / V	H / V
MTB2..	4 - 18	H / V	H / V	–	–	H / V	H / V
MTB3..	4 - 18	H / V	H / V	–	–	H / V	H / V
MTB4..	5 - 18	H / V	H / V	–	–	H / V	H / V
	19 - 26	敬请垂询 / On request					

H = 卧式安装 V = 立式安装
1) 可能的布置形式和限制参见下几页所述
2) 不能与冷却风扇组合
3) 不能与电机安装法兰组合

H = Horizontal V = Vertical
1) For possible designs and restrictions, see the following pages.
2) Not in combination with a fan
3) Not in combination with motor bell housing

表 2 / Table 2 采用迷宫式密封的极限转速 / Speed limits for labyrinth seals

齿轮箱规格 / Gear unit sizes; 输入转速 (min^{-1}) / Input speeds n_1 in min^{-1}

i_N	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1.25	x		x		x		x																	
1.4	x		x		x		x																	
1.6	740		515		425		370		305		260													
1.8	810		570		460		395		325		285													
2	880		610		490		425		350		305		255											
2.24	920		660		550		455		375		330		275											
2.5	1020		710		595		485		405		355		295											
2.8	1100		775		635		530		445		390		335		290									
3.15	1190		850		690		600		480		430		350		315									
3.55	1300		935		755		630		530		470		390		345									
4	1400		1025		835		720		580		515		420		380									
4.5	1575		1145		905		770		640		575		475		425									
5	1730		1205		990		850		730		605		525		455									
5.6	1910		1340		1095		955		765		670		580		505									
6.3		x	x		x		515		x		370		305		260									
7.1		x	810		660		575		460		395		325	305	285	260								
8		1020	860	x	735	x	610	x	490	x	420	370	350	325	305	285								
9		1080	920	x	780	660	690	x	550	x	455	395	375	350	330	305								
10		1150	1020	860	820	705	710	610	505	x	495	420	405	375	355	330								
11.2		1260	1100	920	885	750	775	660	620	550	530	455	440	400	390	355								
12.5		1435	1190	1020	955	820	850	710	690	595	600	495	480	445	430	390								
14		1560	1300	1100	1090	885	950	775	755	635	650	530	510	480	470	430								
16		1715	1430	1190	1200	955	1025	880	835	690	720	600	550	530	515	470								
18		1880	1575	1300	1320	1080	1145	935	905	755	770	650	640	580	575	515								
20			1730	1430	1450	1200	1205	1025	990	835	850	720	730	640	605	575								
22.4			1910	1575	1530	1320	1340	1145	1095	905	x	770	x	730	x	605								
25			1075	1730	885	1450	740	1205	x	990	x	850	x	x	x	x								
28			1175	1910	940	1530	810	1340	x	1095	x	x	x	x	x	x								

敬请垂询 / On request (sizes 19 - 26)

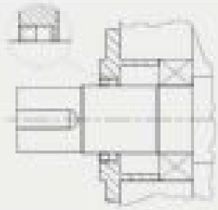
x. 不能采用迷宫式密封
当低于最低输入转速 n_1 时应配置径向轴封。

x = Labyrinth seals are not possible
If the minimum input speed n_1 is undershot, radial shaft seals are to be provided.

齿轮箱 轴封 径向轴封 / 迷宫式密封

Gear Units Shaft Seals Radial Shaft Seals / Labyrinth Seals

径向轴封
Radial shaft seals



径向轴封适用于低工作转速至中等工作转速。

其它特征：
- 这是一种有磨损的密封方式，但是易于维护保养；
- 在密封唇部会局部发热，因此应保持足够的润滑（冷却）；
- 普通市售产品；
- 当法兰轴维修时需要采用剖分式轴封时（请垂询）；
- 较低油位的布置形式请垂询。

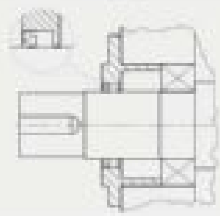
径向轴封可以用在各种类型和各种规格的齿轮箱中。

Radial shaft seals are suitable for low to average operating speeds.

Other features are:
- Wearing seal, however, easy to maintain;
- Local heat development on sealing lip; therefore, adequate lubrication (cooling) required;
- Commercial product;
- Split shaft seals are to be used in case of repair of flanged shafts (please refer to us);
- Design with low oil level on request.

Radial shaft seals can be used for all types and sizes.

迷宫式密封
Labyrinth seals



迷宫式密封方式特别适用于较高的工作转速。

其它优点：
- 非接触式，从而无磨损；
- 不会产生局部发热，所以免维护保养；
- 安装空间小。

若选择迷宫式密封方式，则应注意如下要求：
- 只要在固定的传动装置中使用（例如不能用于行走机构）；
- 只是采用浸油润滑（强制润滑请垂询）；
- 避免在粉尘极大或污水飞溅的地点使用；
- 轴应保持水平；
- 平行轴齿轮箱的必要的最低输入转速 n_1 参见表 2；
- 当以最低转速长时间运行时（例如在造纸机械中的爬速运行），则有必要采取特殊措施（挡油板）。

Labyrinth seals are specially suitable for higher operating speeds.

Further advantages are:
- Non-contacting and thus, wear-resistant;
- No local heat development and thus, maintenance-free;
- Small space required for fitting.

For the selection of labyrinth seals the following criteria are to be considered:
- Applicable in stationary drives only (e.g. not in travelling gears);
- Only in case of dip lubrication (forced lubrication on request);
- Avoid extremely dusty environments or sites endangered by muddy water;
- Shaft levels must be horizontal;
- For min. required input speed n_1 for helical gear units, see table 2;
- In case of longer operating periods at minimum speeds (e.g. creep speed in case of paper machines) special measures (oil retaining plates) are required.

齿轮箱 轴封 组合式密封

Gear Units Shaft Seals Taconite Seals

组合式密封
Taconite seals

可重复填充油脂的迷宫式密封组合。
采用这种密封方式可以使齿轮箱在粉尘环境中达到极高的安全可靠性。这层防止粉尘状颗粒侵入减速箱的三种密封元件的组合。

Grease-filled, refillable labyrinth seal combinations.
With this seal a high degree of operational reliability is achieved for the gear unit in dusty environments. This seal is a combination of three sealing elements which protect the gear unit from ingress of dust-like particles.

组合式密封 Taconite Seal	轴 Shaft	说明 Note
E	输入轴 Input shaft	注意MTH□和MTH4的尺寸 Take into account dimensions for MTH□ and MTH4
F	实心轴 Solid shaft	
	加强型输出轴 d_2 Reinforced output shaft d_2	
	齿轮箱带法兰轴 d_2 With flanged shaft d_2	规格 8 以上 / from size 8 on
F - F	带平键槽的空心轴 Hollow shaft with keyway	两侧组合式密封 Taconite seals on both sides
	带锁紧盘的空心轴 Hollow shaft for shrink disk	
	带花键的空心轴，按照 DIN 5480 Hollow shaft with involute splines acc. to DIN 5480	防护罩用作防接触保护 Guard as protection against accidental contact
F - H	带平键槽的空心轴 Hollow shaft with keyway	工作机轴侧组合式密封 Taconite seal on driven machine shaft
	带花键的空心轴，按照 DIN 5480 Hollow shaft with involute splines acc. to DIN 5480	防尘护罩在对侧 Dustproof guard on opposite side
F - K	带锁紧盘的空心轴 Hollow shaft for shrink disk	工作机轴侧组合式密封 Taconite seal on driven machine shaft 防尘护罩在对侧 Dustproof guard on opposite side

表 3 / Table 3

采用 "E" 型组合式密封时的 G_1 尺寸和轴尺寸
G_1 dimension and shaft dimensions for Taconite "E"

类型 Type	规格 Size	传动比 Ratio i	G_1	d_1 mm	l_1 mm
MTH3..	9	25 - 45 50 - 63 71 - 90	250	60 m6 45 m6 32 m6	105 80 60
	10	31.5 - 56 63 - 80 90 - 112	250	60 m6 45 m6 32 m6	105 80 60
	11	25 - 45	275	70 m6	100
	12	31.5 - 56	275	70 m6	100
	13	22.4 - 45 50 - 63 71 - 90	340	85 m6 60 m6 50 m6	130 105 80
	14	28 - 56 63 - 80 90 - 112	340	85 m6 60 m6 50 m6	130 105 80
	15	22.4 - 45 50 - 63 71 - 90	385	100 m6 75 m6 60 m6	165 105 105
	16	25 - 50 56 - 71 80 - 100	388	100 m6 75 m6 60 m6	165 105 105
	17	22.4 - 45 50 - 63 71 - 90	415	100 m6 75 m6 60 m6	165 105 105
	18	25 - 50 56 - 71 80 - 100	415	100 m6 75 m6 60 m6	165 105 105
MTH4..	11	100 - 180 200 - 355	270	45 m6 32 m6	80 60
	12	125 - 224 250 - 450	270	45 m6 32 m6	80 60
	13	100 - 180 200 - 355	325	50 m6 38 m6	80 60
	14	125 - 224 250 - 450	325	50 m6 38 m6	80 60
	15	100 - 180 200 - 355	375	60 m6 50 m6	105 80
	16	112 - 200 224 - 400	375	60 m6 50 m6	105 80

齿轮箱 IEC - 标准电机的安装尺寸

Gear Units Fitting Dimensions for IEC Standard Motors

a_1 = 250 至 400
a_1 = 250 up to 400

a_1 = 450 至 800
a_1 = 450 up to 800

表 1 / Table 1

法兰尺寸 / Flange dimensions

三相鼠笼交流电机
Three-phase motors with squirrel-cage rotor

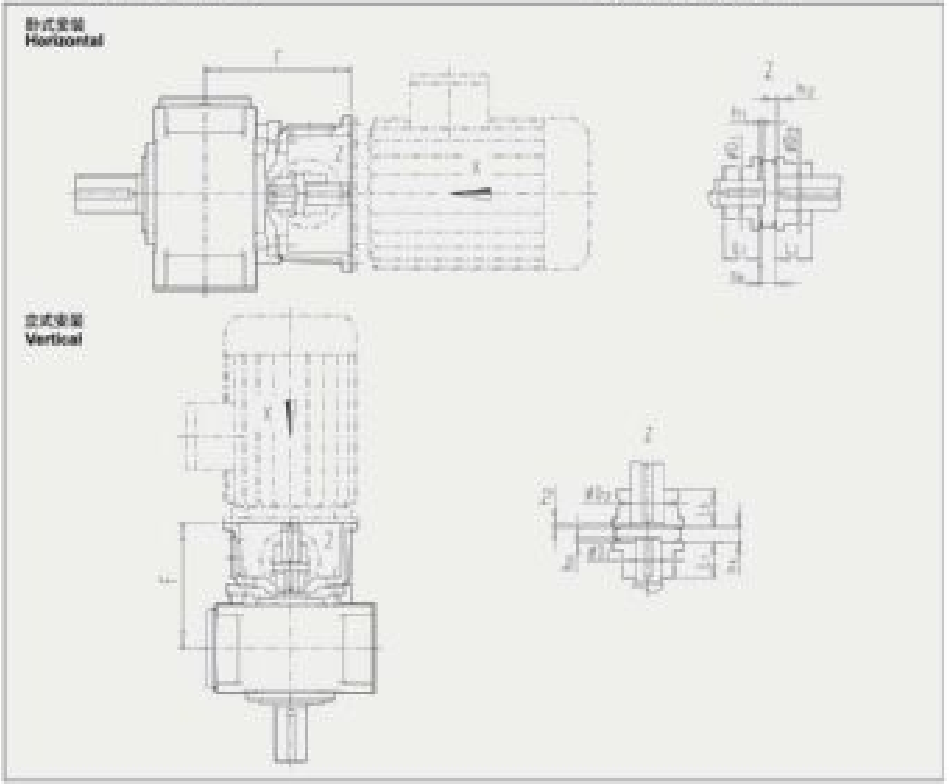
	电机规格 / Motor sizes														
	100 L	112 M	132 S	132 M	160 M	160 L	180 M	180 L	200 L	225 S	225 M	250 M	280 S	280 M	315 S	315 M
a_1 mm	250	250	300	300	350	350	350	350	400	450	450	550	550	550	660	660
b_1 mm	180	180	230	230	250	250	250	250	300	350	350	450	450	450	550	550
e_1 mm	215	215	265	265	300	300	300	300	350	400	400	500	500	500	600	600
s_1	4 x M12	4 x M12	4 x M12	4 x M12	4 x M16	4 x M16	4 x M16	4 x M16	4 x M16	8 x M16	8 x M16	8 x M16	8 x M16	8 x M16	8 x M20	8 x M20

三相鼠笼交流电机
Three-phase motors with squirrel-cage rotor

	电机规格 / Motor sizes			
	315 L1	315 L2	355 M	355 L
a_1 mm	660	660	800	800
b_1 mm	550	550	680	680
e_1 mm	600	600	740	740
s_1	8 x M20	8 x M20	8 x M20	8 x M20

齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器 类型 MTH2.. / 规格 4 - 14

Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling Type MTH2.. / Sizes 4 - 14



- 对于有特殊设计要求的设备，例如，高开关频率、交变负载方向的升降机、行走机构，其联轴器的设计形式必须参照相关的联轴器样本。对于其它联轴器，请咨询我公司。
- IEC - 标准电机的安装尺寸，参见第 392 页。
- 布置形式 C、D、G、H、I 的平行轴齿轮箱请务必垂询。
- 输入轴不能采用组合式密封 E 或迷宫式密封。

- For plants with special design requirements (high switching frequency, alternating direction of load; e.g. hoisting gears, travelling gears, etc.) the coupling design is to be checked in accordance with the respective valid coupling brochure. For other couplings,please consult us!
- For fitting dimensions for IEC standard motors , see page 392.
- Helical gear unit in C, D, G, H, I design on request only.
- Not in connection with Taconite E or labyrinth seal on input shaft.

1) 其它电机规格敬请垂询
2) 仅限规格 315 S 和 315 M
4) 仅用于立式安装的齿轮箱
5) 不适合在类型 MTH2D.. 布置形式 A 和 B 上安装。
6) 不适合在类型 MTH2D.. 规格 5、布置形式 A 和 B 上安装。
7) 不适合在类型 MTH2D.. 规格 7、布置形式 A 和 B 上安装。
8) 不适合在类型 MTH2DV、规格 9、布置形式 A 和 B 上安装。

1) Other motor sizes on request
2) Sizes 315 S and 315 M only
4) For vertical gear units only
5) For type **MTH2D**, design A + B: fitting not possible.
6) For type **MTH2D**, size 5 design A + B: fitting not possible.
7) For type **MTH2D**, size 7 design A + B: fitting not possible.
8) For type **MTH2DV** size 9 design A + B: fitting not possible.

齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器 类型 MTH2.. / 规格 4 - 14

Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling Type MTH2.. / Sizes 4 - 14

表 2 / Table 2

规格 Size	电机 Motor IEC 1)			传动比 i_N / Ratios i_N 6.3 - 11.2 (规格 / Sizes 4, 5, 7, 9, 11) 8 - 14 (规格 / Sizes 6, 8, 10, 12)										传动比 i_N / Ratios i_N 12.5 - 22.4 (规格 / Sizes 4, 5, 7, 9, 11) 16 - 28 (规格 / Sizes 6, 8, 10, 12)								
				BIPEX BWN	s_6 mm	l_1 mm	D_1 mm	l_2 mm	D_2 mm	h_1 mm	h_2 mm	f mm		BIPEX BWN	s_6 mm	l_1 mm	D_1 mm	l_2 mm	D_2 mm	h_1 mm	h_2 mm	f mm
4	160	5)												84	21	40	32	40	42	11	0	370
	180	5)												97	24	50	32	50	48	14	0	370
	200	5)												112	27	60	32	60	55	11	0	376
	225	5)	4)	127	27	65	45	65	60	20	0	417	4)	127	27	65	32	65	60	0	0	417
5 / 6	200													112	27	60	38	60	55	10	0	402
	225	6)												127	27	65	38	65	60	- 1	0	443
	250	6)	4)	127	27	65	50	65	65	17.5	0	444.5	4)	127	27	65	38	65	65	- 2.5	0	444.5
7 / 8	225													127	27	65	50	65	60	13.5	0	473.5
	250	7)												127	27	65	50	65	65	12	0	475
	280	7)												142	31	75	50	75	75	- 3	0	494
	315	2) 8)	4)	162	36	80	60	80	80	20	0	531	4)	162	36	80	50	80	80	- 2.5	2.5	531
9 / 10	280													142	31	75	60	75	75	22	0	530
	315	2) 8)	4)	162	36	80	75	80	80	20	0	566	4)	162	36	80	60	80	80	20	0	566
11 / 12	315	2)												162	36	80	70	80	80	15	0	606

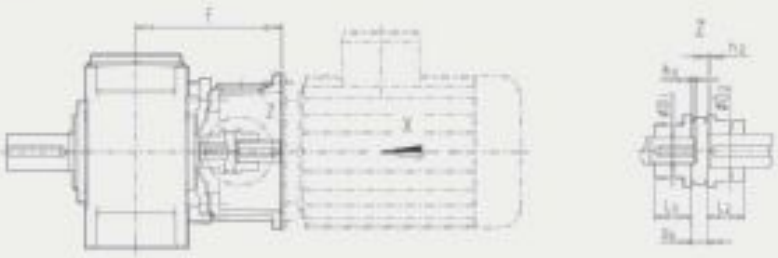
表 3 / Table 3

规格 Size	电机 Motor IEC 1)	传动比 i_N / Ratios i_N 12.5 - 20 (规格 / Size 13) 16 - 25 (规格 / Size 14)									
			BIPEX BWN	s_6 mm	l_1 mm	D_1 mm	l_2 mm	D_2 mm	h_1 mm	h_2 mm	f mm
13 / 14	355 M	4)	202	48	100	85	100	90	9	0	718
	355 L	4)	227	54	110	85	110	90	9	0	718

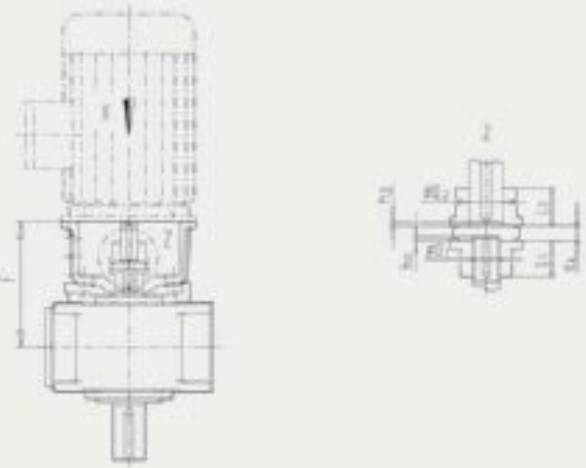
齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器
型号 MTH3... / 规格 5-18

Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling
Type MTH3.. / Sizes 5-18

卧式安装
Horizontal



立式安装
Vertical



- 对于有特殊设计要求的设备，例如，高开关频率、交变负载方向的升降机、行走机等，其联轴器和离合式应参照相关的联轴器样本，对于其它联轴器，请咨询我公司。
- IEC - 标准电机的安装尺寸，参见第 382 页。
- 传动形式 G、H、I 的平行轴齿轮箱请务必咨询。
- 输入轴不能采用与组合式密封 C 或迷宫式密封。

- For plants with special design requirements (high switching frequency, alternating direction of load; e.g. hoisting gears, traveling gears, etc.) the coupling design is to be checked in accordance with the respective valid coupling brochure. For other couplings, please consult us!
- For fitting dimensions for IEC standard motors, see page 382.
- Helical gear unit in C, D, G, H, I design on request only.
- Not in connection with Taconite E or labyrinth seal on input shaft.

1) 其它电机规格需请教我
2) 仅包规格 315 S 和 315 M
3) 联轴器轮毂长度 l_1 已经为装配齿轮箱输入轴而缩短。
4) 仅用于立式安装的齿轮箱

1) Other motor sizes on request
2) Sizes 315 S and 315 M only
3) Length l_1 of coupling hub shortened for fitting onto gear unit shaft.
4) For vertical gear units only

齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器
型号 MTH3... / 规格 5-18

Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling
Type MTH3.. / Sizes 5-18

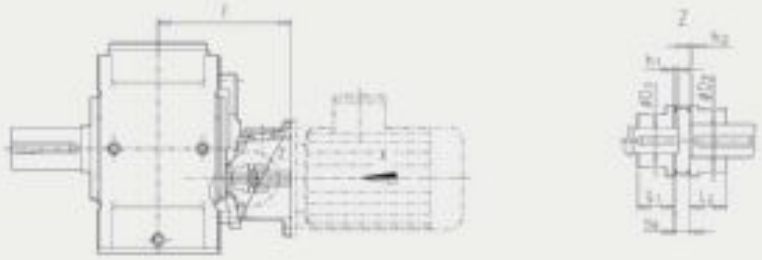
表 4 / Table 4

规格 Size	电机 Motor IEC 1)	传动比 i_R / Ratios i_R 25 - 45 (规格 / Sizes 5, 7, 9, 11) 31.5 - 56 (规格 / Sizes 6, 8, 10, 12) 22.4 - 45 (规格 / Sizes 13, 15, 17) 28 - 56 (规格 / Size 14) 25 - 50 (规格 / Sizes 16, 18)									传动比 i_R / Ratios i_R 50 - 63 (规格 / Sizes 5, 7, 9, 11) 63 - 80 (规格 / Sizes 6, 8, 10, 12) 50 - 63 (规格 / Sizes 13, 15, 17) 63 - 80 (规格 / Size 14) 56 - 71 (规格 / Sizes 16, 18)									传动比 i_R / Ratios i_R 71 - 90 (规格 / Sizes 5, 7, 9, 11) 90 - 112 (规格 / Sizes 6, 8, 10, 12) 71 - 90 (规格 / Sizes 13, 15, 17) 80 - 112 (规格 / Size 14) 80 - 100 (规格 / Sizes 16, 18)								
		BIPEX BWN	a_N mm	l_1 max.	D_1 max.	l_2 max.	D_2 max.	h_1 max.	h_2 max.	f max.	BIPEX BWN	a_N mm	l_1 max.	D_1 max.	l_2 max.	D_2 max.	h_1 max.	h_2 max.	f max.	BIPEX BWN	a_N mm	l_1 max.	D_1 max.	l_2 max.	D_2 max.	h_1 max.	h_2 max.	f max.
5 / 6	132																			72	18	35	24	35	38	- 2	- 2	302
	160	84	21	40	40	40	42	-1.5	1.5	364	84	21	40	30	40	42	3	0	338	84	21	40	24	40	42	- 7	0	338
	180	97	24	50	40	50	48	0	0	364	1) 97	24	44	30	50	48	6	0	338	1) 97	24	44	24	50	48	- 4	0	338
	200	1) 112	27	53	40	60	55	17	0	360	1) 112	27	53	30	60	55	- 3	0	360									
	225	1) 127	27	60	40	65	60	6	0	391																		
	250	1) 4) 127	27	60	40	65	65	6	0	391																		
7 / 8	160																			84	21	40	28	40	42	- 1	0	367
	180										1) 97	24	44	36	50	48	12	0	367	1) 97	24	44	28	50	48	2	0	367
	200	112	27	56	45	60	55	-1.5	1.5	405	1) 112	27	55	35	60	55	3	0	379	1) 112	27	55	28	60	55	- 7	0	379
	225	127	27	65	45	65	60	12	0	420	127	27	65	35	65	60	- 8	0	420	127	27	65	28	65	60	- 18	0	420
	250	127	27	65	45	65	65	12	0	420	127	27	65	35	65	65	- 8	0	420									
	280	142	31	75	45	75	75	-4.5	0	442.5																		
	315 2)	4) 162	36	80	45	80	80	-6.5	0	477.5																		
9 / 10	180																			97	24	50	32	50	48	12.5	0	431.5
	200																			112	27	60	32	60	55	3.5	0	443.5
	225	127	27	65	60	65	60	2.5	0	519.5	127	27	65	45	65	60	12.5	0	484.5	127	27	65	32	65	60	-3.75	-3.75	484.5
	250	127	27	65	60	65	65	2.5	0	519.5	127	27	65	45	65	65	12.5	0	484.5	127	27	65	32	65	65	-3.75	-3.75	484.5
	280	142	31	75	60	75	75	21	0	505	142	31	75	45	75	75	- 2	2	505									
	315 2)	4) 162	36	80	60	80	80	19	0	540	4) 162	36	80	45	80	80	- 3	3	542									
11 / 12	225																			127	27	65	42	65	60	2.5	0	489.5
	250										127	27	65	50	65	65	12.5	0	489.5	127	27	65	42	65	65	2.5	0	489.5
	280	142	31	75	70	75	75	6	0	540	142	31	75	50	75	75	- 4	0	510	142	31	75	42	75	75	- 7	- 7	510
	315 2)	162	36	80	70	80	80	4	0	577	162	36	80	50	80	80	- 6	0	547	162	36	80	42	80	80	- 18	0	547
13 / 14	250																			127	27	65	50	65	65	8.5	0	575.5
	280										142	31	75	60	75	75	17	0	599	142	31	75	50	75	75	- 4	4	599
	315 2)	162	42	90	85	90	80	13	- 3	666	162	36	80	60	80	80	18	0	636	162	36	80	50	80	80	- 5	5	636
	315L1	162	42	90	85	90	80	13	- 3	666	162	42	90	60	90	80	21	0	636	162	42	90	50	90	80	0	4	636
	315L2	162	42	90	85	90	80	13	- 3	666	162	42	90	65	90	80	21	0	636	162	42	90	50	90	80	0	4	636
	355M	202	48	100	85	100	90	20	0	666	202	48	100	60	100	90	- 2.5	2.5	666									
	355L	227	54	110	85	110	90	26	0	666																		
15 / 16	280																			142	31	75	60	75	75	14	0	647
	315 2)										162	36	80	75	80	80	12	0	684	162	36	80	60	80	80	12	0	684
	315L1										162	42	90	75	90	80	18	0	684	162	42	90	60	90	80	18	0	684
	315L2										162	42	90	75	90	80	18	0	684	162	42	90	60	90	80	18	0	684
	355M	202	48	100	100	100	90	0	0	768	202	48	100	75	100	90	- 4	4	716	202	48	100	60	100	90	- 4	4	716
	355L	227	54	110	100	110	90	6	0	768	227	54	110	75	110	90	- 2	0	716	227	54	110	60	110	90	- 2	0	716
17 / 18	315 2)																			162	36	80	60	80	80	12	0	714
	315L1																			162	42	90	60	90	80	18	0	714
	315L2																			162	42	90	60	90	80	18	0	714
	355M	202	48	100	100	100	90	0	0	768	202	48	100	75	100	90	- 4	4	746	202	48	100	60	100	90	- 4	4	746
	355L	227	54	110	100	110	90	6	0	768	227	54	110	75	110	90	- 2	0	746	227	54	110	60	110	90	- 2	0	746

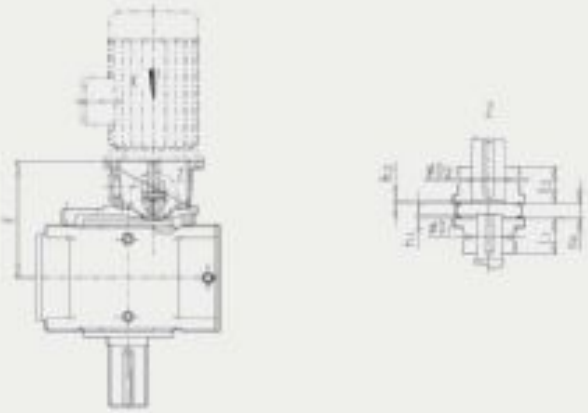
齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器 类型 MTH4.. / 规格 7 - 18

Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling Type MTH4.. / Sizes 7-18

卧式安装
Horizontal



立式安装
Vertical



- 对于有特殊设计要求的设备，例如：高开关频率、交变负载方向的升降机、行走机等，其联轴器布置形式必须参照相关的联轴器样本。对于其它联轴器，请咨询供应商。
- IEC - 标准电机的安装尺寸，参见第 302 页。
- 布置形式 G、H、I 的平行轴齿轮箱请务必确认。
- 输入轴不能采用组合式密封 E 或迷宫式密封。

- For plants with special design requirements (high switching frequency, alternating direction of load; e.g. hoisting gears, travelling gears, etc.) the coupling design is to be checked in accordance with the respective valid coupling brochure. For other couplings,please consult us!
- For fitting dimensions for IEC standard motors, see page 302.
- Helical gear unit in C, D, G, H, I design on request only.
- Not in connection with Taconite E or labyrinth seal on input shaft.

1) 其它电机规格要请教询
2) 仅限规格 315 S 和 315 M
3) 联轴器轮毂长度 l_1 已经为装配齿轮箱输入轴而缩短。

1) Other motor sizes on request
2) Sizes 315 S and 315 M only
3) Length l_1 of coupling hub shortened for fitting onto gear unit shaft.

齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器 类型 MTH4.. / 规格 7-18

Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling Type MTH4.. / Sizes 7-18

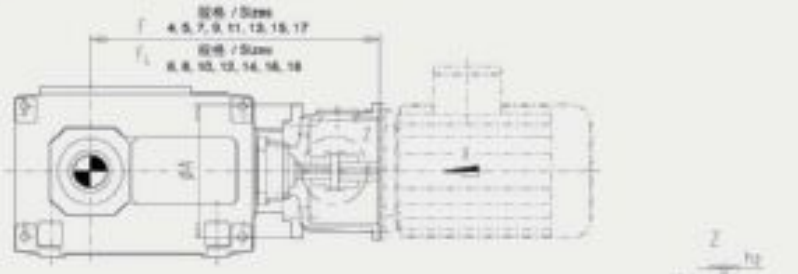
表 5 / Table 5

规格 Size	电机 Motor IEC 1)		传动比 i_N / Ration i_N 100 -180 (规格 / Sizes 7, 9, 11) 125 - 224 (规格 / Sizes 8, 10, 12) 160 -180 (规格 / Sizes 13, 15, 17) 125 - 224 (规格 / Size 14) 112 - 200 (规格 / Sizes 16, 18)								传动比 i_N / Ratios i_N 200 -355 (规格 / Sizes 7, 9, 11) 250 - 450 (规格 / Sizes 8, 10, 12) 200 -355 (规格 / Sizes 13, 15, 17) 250 - 450 (规格 / Size 14) 224 - 400 (规格 / Sizes 16, 18)								
			BIPEX 联轴件	s_N mm	l_1 mm	D_1 mm	l_2 mm	D_2 mm	h_1 mm	h_2 mm	f mm		BIPEX BWN	s_N mm	l_1 mm	D_1 mm	l_2 mm	D_2 mm	h_1 mm	h_2 mm	f mm
7 / 8	100												62	16	30	24	30	28	0	0	296
	112												62	16	30	24	30	28	0	0	296
	132		72	18	35	30	35	38	- 0.5	0	328.5		72	18	35	24	35	38	- 5.5	5	328.5
	160		84	21	40	30	40	42	- 3.5	0	364.5		84	21	40	24	40	42	- 6.5	7	364.5
	180	3)	97	24	42	30	50	48	- 0.5	0	364.5										
9 / 10	132												72	18	35	28	35	38	- 3.5	3	369.5
	160		84	21	40	35	40	42	0.5	0	405.5		84	21	40	28	40	42	- 4.5	5	405.5
	180	3)	97	24	47	35	50	48	3.5	0	405.5	3)	97	24	47	28	50	48	- 6.5	0	405.5
	200	3)	112	27	54	35	60	55	- 5.5	0	417.5										
	225	3)	127	27	59	35	65	60	- 10	6.5	458.5										
11 / 12	160												84	21	40	32	40	42	13.5	0	447.5
	180		97	24	50	45	50	48	10.5	0	437.5		97	24	50	32	50	48	16.5	0	447.5
	200		112	27	60	45	60	55	1.5	0	486.5		112	27	60	32	60	55	7.5	0	459.5
	225		127	27	65	45	65	60	16.5	0	506.5		127	27	65	32	65	60	0	3.5	500.5
	250		127	27	65	45	65	65	16.5	0	506.5										
13 / 14	160												84	21	40	38	40	42	0	1.5	517.5
	180												97	24	50	38	50	48	1.5	0	517.5
	200		127	27	65	50	65	55	12.5	0	529.5		112	27	50	38	60	55	18.5	0	503.5
	225		127	27	65	50	65	60	- 3.5	4	579.5		127	27	61	38	65	60	7.5	0	544.5
	250		127	27	65	50	65	65	- 3.5	4	579.5		127	27	61	38	65	65	7.5	0	544.5
	280		142	31	75	50	75	75	11	0	566										
	315	3)	162	36	75	50	80	80	9	0	602										
15 / 16	200												112	27	60	50	60	55	- 3	3.5	595.5
	225		127	27	65	60	65	60	- 1.5	0	648.5		127	27	65	50	65	60	6.5	0	613.5
	250		127	27	65	60	65	65	- 1.5	0	648.5		127	27	65	50	65	65	6.5	0	613.5
	280		142	31	75	60	75	75	17	0	634		142	31	75	50	75	75	- 4	4	634
	315	3)	162	36	80	60	80	80	15	0	671		162	36	80	50	80	80	- 5	5	671
	315 L1		182	42	90	60	90	80	21	0	671										
	315 L2		182	42	90	60	90	80	21	0	671										
17 / 18	225												127	27	65	50	65	60	3.5	0	623.5
	250												127	27	65	50	65	65	3.5	0	623.5
	280		142	31	75	60	75	75	12	0	644		142	31	75	50	75	75	- 6.5	6.5	644
	315	3)	162	36	80	60	80	80	10	0	681		162	36	80	50	80	80	- 5	10	681
	315 L1		182	42	90	60	90	80	10	- 6	681										
	315 L2		182	42	90	60	90	80	10	- 6	681										
	355 M		202	48	100	60	100	90	- 5	5	713										

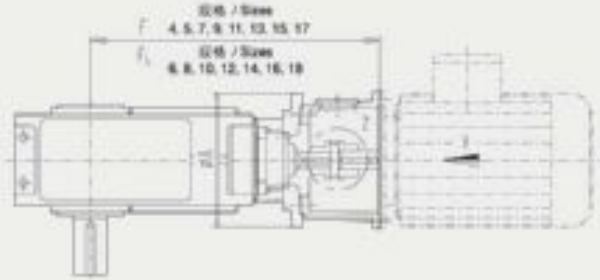
齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器
类型 MTB2.. / 规格 4-14

Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling
Type MTB2.. / Sizes 4-14

卧式安装
Horizontal



立式安装
Vertical



- 对于有特殊设计要求的设备，例如，高开关频率、交变负载方向的升降机、行走机等，其联轴器布置形式必须参照相关的联轴器样本。对于其它联轴器，请咨询我公司。
- IEC - 标准电机的安装尺寸，参见第 392 页。
- 输入轴不能采用组合式迷宫 E 或迷宫式密封。

- For plants with special design requirements (high switching frequency, alternating direction of load; e.g. hoisting gears, travelling gears, etc.) the coupling design is to be checked in accordance with the respective valid coupling brochure. For other couplings,please consult us!
- For fitting dimensions for IEC standard motors, see page 392.
- Not in connection with Taconite E or labyrinth seal on input shaft.

1) 其它电机规格要请咨询
2) 仅限规格 315 S 和 315 M

1) Other motor sizes on request
2) Sizes 315 S and 315 M only

齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器
类型 MTB2... / 规格 4-14

Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling
Type MTB2... / Sizes 4-14

表 6 / Table 6

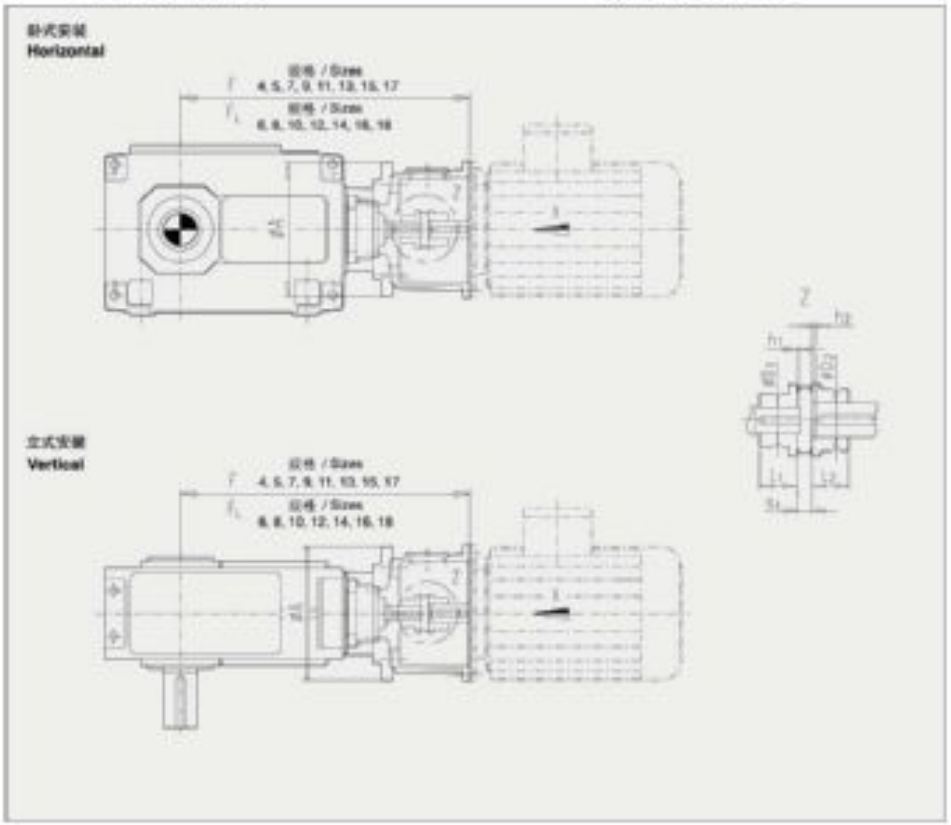
规格 Size	电机 Motor IEC 1)	传动比 i_N / Ratios i_N 5 - 11.2 (规格 / Sizes 4, 5, 7, 9, 11) 6.3 - 14 (规格 / Sizes 6, 8, 10, 12)										传动比 i_N / Ratios i_N 12.5 - 18 (规格 / Sizes 4, 5, 7, 9, 11) 16 - 22.4 (规格 / Sizes 6, 8, 10, 12)									
		BIPEX BWN	a_N mm	l_1 mm	D_1 mm	l_2 mm	D_2 mm	h_1 mm	h_2 mm	f mm	f_1 mm	A mm	BIPEX BWN	a_N mm	l_1 mm	D_1 mm	l_2 mm	D_2 mm	h_1 mm	h_2 mm	f mm	f_1 mm	A mm
4	180												97	24	50	35	50	48	0.5	0	678.5	–	350
	200	112	27	60	45	60	55	17.5	0	684.5	–	350	112	27	60	35	60	55	- 2.5	0	684.5	–	350
5 / 6	200												112	27	60	40	60	55	- 8.5	0	763.5	798.5	350
	225												127	27	65	40	65	60	- 2.5	0	804.5	839.5	350
7 / 8	250												127	27	65	50	65	65	2	0	915	960	440
	280	162	36	80	70	80	75	17	0	934	979	440	143	31	75	50	75	75	- 6.5	6.5	934	979	440
9 / 10	280												142	31	75	60	75	75	+ 4	4	1074	1124	449
11 / 12	315 2)												162	36	80	70	80	80	15	0	1256	1326	520

表 7 / Table 7

规格 Size	电机 Motor IEC 1)	传动比 i_N / Ratios i_N 12.5 - 18 (规格 / Size 13) 16 - 22.4 (规格 / Size 14)										
		BIPEX BWN	a_N mm	l_1 mm	D_1 mm	l_2 mm	D_2 mm	h_1 mm	h_2 mm	f mm	f_1 mm	A mm
13 / 14	355 M	202	49	100	80	100	90	1	0	1457	1527	650
	355 L	227	54	110	80	110	90	7	0	1457	1527	650

齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器 类型 MTB3.. / 规格 4-18

Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling Type MTB3.. / Sizes 4-18



- 对于有特殊设计要求的设备，例如：高开关频率、交变负载方向的升降机、行走机等，其联轴器布置形式必须参照相关的联轴器样本。对于其它联轴器，请咨询供应商。
- IEC - 标准电机的安装尺寸，参见第 402 页。
- 输入轴不能采用锥齿式密封 E 或迷宫式密封。

- For plants with special design requirements (high switching frequency, alternating direction of load; e.g. hoisting gears, travelling gears, etc.) the coupling design is to be checked in accordance with the respective valid coupling brochure. For other couplings,please consult us!
- For fitting dimensions for IEC standard motors , see page 402 .
- Not in connection with Taconite E or labyrinth seal on input shaft.

1) 其它电机规格根据请求有
2) 仅适规格 315 S 和 315 M
3) 联轴器轮毂长度 l_1 已经为装配齿轮箱输入轴而缩短。

1) Other motor sizes on request
2) Sizes 315 S and 315 M only
3) Length l_1 of coupling hub shortened for fitting onto gear unit shaft.

齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器 类型 MTB3.. / 规格 4-18

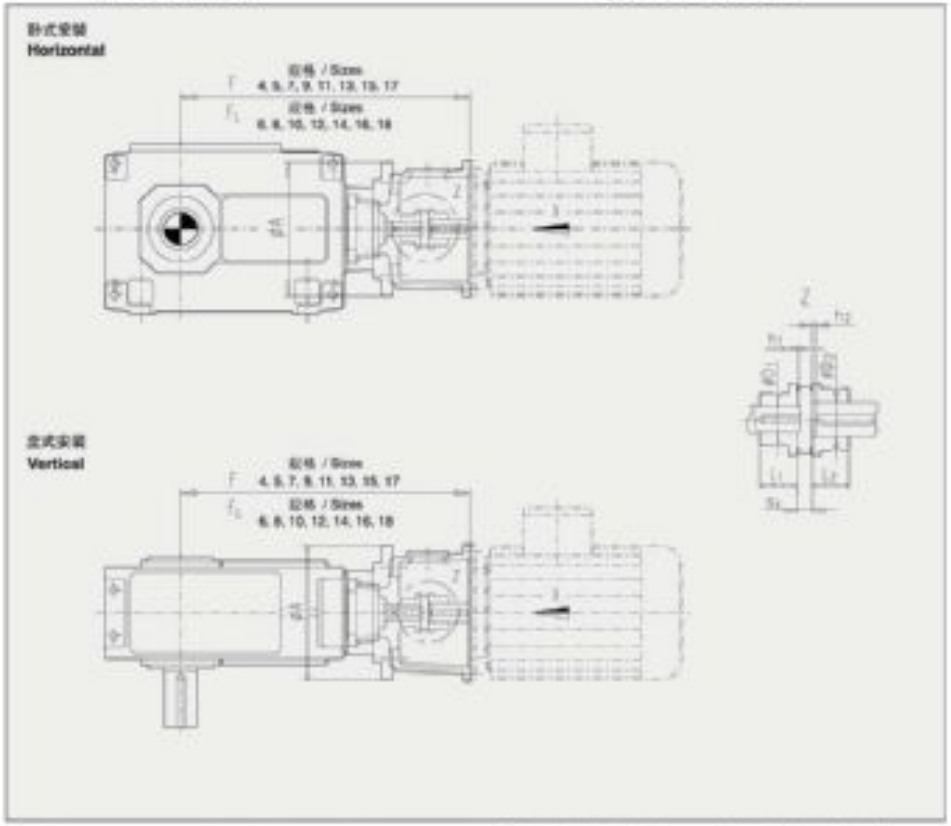
Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling Type MTB3.. / Sizes 4-18

表 8 / Table 8

规格 Size	电机 Motor IEC		传动比 i_N / Ratios i_N 12.5 - 45 (规格 / Sizes 4, 5, 7, 9, 11) 16 - 56 (规格 / Sizes 6, 8, 10, 12) 12.5 - 45 (规格 /Sizes 13, 15, 17) 16 - 56 (规格 / Size 14) 14 - 50 (规格 / Sizes 16, 18)									传动比 i_N / Ratios i_N 50 - 71 (规格 / Sizes 4, 5, 7, 9, 11) 63 - 90 (规格 / Sizes 6, 8, 10, 12) 50 - 71 (规格 /Sizes 13, 15, 17) 63 - 90 (规格 / Size 14) 56 - 80 (规格 / Sizes 16, 18)									
			BIPEX BWN	a_N mm	l_1 mm	D_1 mm	l_2 mm	D_2 mm	h_1 mm	h_2 mm	f mm	l_L mm	A mm	BIPEX BWN	a_N mm	l_1 mm	D_1 mm	l_2 mm	D_2 mm	h_1 mm	h_2 mm	f mm	l_L mm	A mm
4	132													72	18	35	25	35	38	10.5	0	648.5	–	250
	160		84	21	40	30	40	42	- 3.5	4	708.5	–	250	84	21	40	25	40	42	8.5	0	682.5	–	250
	180		97	24	50	30	50	48	- 2.5	2	708.5	–	250	97	24	40	25	50	48	11.5	0	682.5	–	250
	200	1)	112	27	55	30	60	55	12.5	0	694.5	–	250											
5 / 6	160		84	21	40	35	40	42	14.5	0	771.5	806.5	350	84	21	40	28	40	42	- 2.5	3	771.5	806.5	350
	180		97	24	50	35	50	48	17.5	0	771.5	806.5	350	97	24	50	28	50	48	0	2.5	771.5	806.5	350
	200		112	27	60	35	60	55	8.5	0	782.5	819.5	350	112	27	60	28	60	55	- 5.5	6	782.5	819.5	350
	225		127	27	65	35	65	60	0	2.5	624.5	659.5	350											
7 / 8	160													84	21	40	35	40	42	0	2.5	909.5	948.5	440
	180													97	24	50	35	50	48	0.5	0	909.5	948.5	440
	200		112	27	60	45	60	55	17.5	0	909.5	954.5	440	112	27	60	35	60	55	0	2.5	909.5	945.5	440
	225		127	27	65	45	65	60	6.5	0	950.5	995.5	440	127	27	65	35	65	60	1.5	0	936.5	980.5	440
	250		127	27	65	45	65	65	5	0	952	997	440	127	27	65	35	65	65	1.5	0	936.5	980.5	440
	280		142	31	75	45	75	75	- 5	5	971	1016	440											
9 / 10	200													112	27	60	40	60	55	2.5	0	1034.5	1084.5	440
	225		127	27	65	55	65	60	1.5	0	1075.5	1125.5	440	127	27	65	40	65	60	- 4	4.5	1075.5	1125.5	440
	250		127	27	65	55	65	65	0	0	1077	1127	440	127	27	65	40	65	65	- 5	5	1077	1127	440
	280		142	31	75	55	75	75	- 7.5	7.5	1096	1146	440	142	31	75	40	75	75	2.5	2.5	1078	1128	440
11 / 12	225													127	27	65	50	65	60	- 3	3.5	1243.5	1313.5	440
	250		142	31	75	70	75	65	8	0	1260	1330	440	127	27	65	50	65	65	- 3	3.5	1243.5	1313.5	440
	280		142	31	75	70	75	75	- 6.5	6.5	1279	1349	440	142	31	75	50	75	75	12	0	1229	1299	440
	315	2)	152	36	80	70	80	80	- 7.5	7.5	1310	1380	440	152	36	80	50	80	80	16	0	1208	1300	440
13 / 14	280													142	31	75	60	75	75	12	0	1424	1494	650
	315	2)	152	42	90	80	90	80	- 5	4	1511	1581	445	152	36	80	60	80	80	16	0	1461	1531	650
	315 L1		152	42	90	80	90	80	- 5	4	1511	1581	445	152	42	90	60	90	80	16	0	1461	1531	650
	315 L2		152	42	90	80	90	80	- 5	4	1511	1581	445	152	42	90	60	90	80	16	0	1461	1531	650
	355 M		202	48	100	80	100	90	16	0	1492	1562	650	202	48	100	60	100	90	- 4.5	4.5	1492	1562	650
	355 L		227	54	110	80	110	90	22	0	1492	1562	650											
15 / 16	315	2)												152	36	90	70	80	80	13	0	1790	1746	650
	315 L1													152	42	90	70	90	80	16	0	1790	1746	650
	315 L2													152	42	90	70	90	80	19	0	1790	1746	650
	355 M		202	48	100	90	100	90	16	0	1732	1778	650	202	48	100	70	100	90	- 3.5	3.5	1732	1778	650
	355 L		227	54	110	90	110	90	24	0	1732	1778	650	227	54	110	70	110	90	- 1	0	1732	1778	650
17 / 18	315 L1													152	42	90	80	90	80	- 3	0	1945	2005	650
	315 L2													152	42	90	80	90	80	- 3	0	1945	2005	650
	355 M		227	54	110	110	110	90	- 5	5	1999	2059	650	202	48	100	80	100	90	1	0	1947	2007	650
	355 L		227	54	110	110	110	90	- 5	5	1999	2059	650	227	54	110	80	110	90	7	0	1947	2007	650

齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器 类型 MTB4.../ 规格 5-18

Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling Type MTB4... / Sizes 5-18



- 对于有特殊设计要求的设备，例如，高开关频率、交变负载方向的升降机、行走机等，其联轴器布置形式必须参照相关的联轴器样本，对于其它联轴器，请咨询我公司。
- IEC - 标准电机的安装尺寸，参见第 302 页。
- 输入轴不能采用组合式密封 E 或迷宫式密封。

- For plants with special design requirements (high switching frequency, alternating direction of load; e.g. hoisting gears, travelling gears, etc.) the coupling design is to be checked in accordance with the respective valid coupling brochure. For other couplings,please consult us!
- For fitting dimensions for IEC standard motors, see page 302.
- Not in connection with Taconite E or labyrinth seal on input shaft.

1) 其它电机规格敬请查询
2) 仅规格 315 S 和 315 M
3) 联轴器轮毂长度 l_1 已经为装配齿轮箱输入轴而缩短。

1) Other motor sizes on request
2) Sizes 315 S and 315 M only
3) Length l_1 of coupling hub shortened for fitting onto gear unit shaft.

齿轮箱 用于 IEC - 标准电机的电机安装法兰 / 带 BIPEX 联轴器 类型 MTB4.../ 规格 5-18

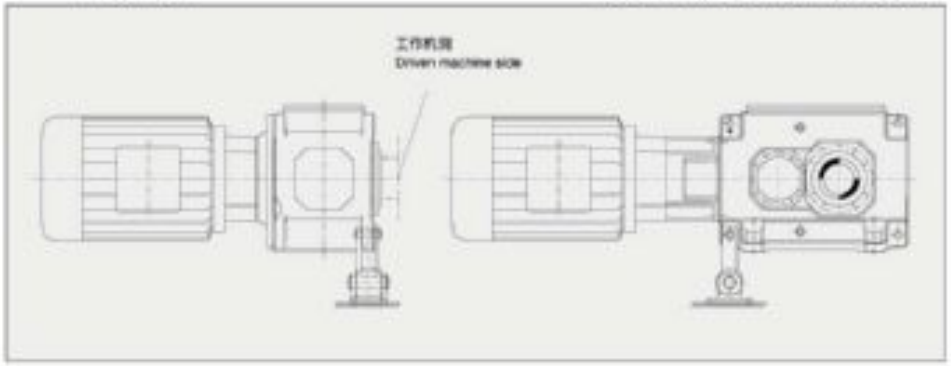
Gear Units Motor Bell Housing for IEC Standard Motors / With BIPEX Coupling Type MTB4... / Sizes 5-18

表 9 / Table 9

规格 Size	电机 Motor IEC 1)	传动比 i_R / Ratios i_R 80 - 180 (规格 / Sizes 5, 7, 9, 11) 100 - 224 (规格 / Sizes 6, 8, 10,12) 80 - 180 (规格 / Sizes 13, 15, 17) 100 - 224 (规格 / Size 14) 90 - 200 (规格 / Sizes 16, 18)											传动比 i_R / Ratios i_R 200 - 315 (规格 / Sizes 5, 7, 9, 11) 250 - 400 (规格 / Sizes 6, 8, 10,12) 200 - 315 (规格 / Sizes 13, 15, 17) 250 - 400 (规格 / Size 14) 224 - 355 (规格 / Sizes 16, 18)									
		BIPEX BWN	a_R min.	l_1 min.	D_1 min.	l_2 min.	D_2 min.	h_1 min.	h_2 min.	f min.	f_1 min.	A min.	BIPEX BWN	a_R min.	l_1 min.	D_1 min.	l_2 min.	D_2 min.	h_1 min.	h_2 min.	f min.	f_1 min.	A min.
5 / 6	100												62	16	30	20	30	28	6	0	735	770	250
	112	62	16	30	28	30	28	2	2	790	785	250	62	16	30	20	30	28	6	0	735	770	250
	132	72	18	35	28	35	38	0.5	0	767.5	802.5	250	72	18	35	20	35	38	- 2.5	2	767.5	802.5	250
	160	84	21	40	28	40	42	- 1.5	0	802.5	837.5	250											
7 / 8	112												62	16	30	25	30	28	6	0	859	900	250
	132	72	18	35	30	35	38	0.5	0	897.5	932.5	250	72	18	35	25	35	38	10.0	0	872.5	917.5	250
	160	84	21	40	30	40	42	- 3.5	4	933.5	978.5	250	84	21	40	25	40	42	8.5	0	907.5	952.5	250
	180	97	24	50	30	50	48	- 2	2.5	933.5	978.5	250											
	200 2)	112	27	55	30	60	55	12.5	0	919.5	964.5	250											
9 / 10	132												72	18	35	28	35	38	- 1.5	2	1001.5	1051.5	350
	160	84	21	40	35	40	42	14.5	0	1036.5	1086.5	350	84	21	40	28	40	42	- 2.5	3	1036.5	1086.5	350
	180	97	24	50	35	50	48	17.5	0	1036.5	1086.5	350	97	24	50	28	50	48	0	2.5	1036.5	1086.5	350
	200	112	27	60	35	60	55	8.5	0	1048.5	1098.5	350											
	225	127	27	65	35	65	60	0	2.5	1089.5	1139.5	350											
11 / 12	160												84	21	40	35	40	42	0	2.5	1223.5	1293.5	440
	180	97	24	50	45	50	48	- 2.5	3	1249.5	1319.5	440	97	24	50	35	50	48	0.5	0	1223.5	1293.5	440
	200	112	27	60	45	60	55	17.5	0	1229.5	1299.5	440	112	27	60	35	60	55	- 2.5	0	1229.5	1299.5	440
	225	127	27	65	45	65	60	6.5	0	1270.5	1340.5	440	127	27	65	35	65	60	- 6.5	7	1270.5	1340.5	440
	250	127	27	65	45	65	65	5	0	1272	1342	440											
	280	142	31	75	45	75	75	- 5	5	1291	1361	440											
13 / 14	180												97	24	50	40	50	48	5.5	0	1398.5	1468.5	440
	200	113	27	60	55	60	55	12.5	0	1404.5	1474.5	440	112	27	60	40	60	55	2.5	0	1404.5	1474.5	440
	225	127	27	65	55	65	60	1.5	0	1445.5	1515.5	440	127	27	65	40	65	60	- 4	4.5	1445.5	1515.5	440
	250	127	27	65	55	65	65	0	0	1447	1517	440	127	27	65	40	65	65	- 5	5	1447	1517	440
	280	142	31	75	55	75	75	5	0	1446	1516	440	142	31	75	40	75	75	- 2.5	2.5	1446	1516	440
	315 2)	162	36	80	55	80	80	3	0	1483	1553	440											
	315 L1	182	42	90	55	90	80	9	0	1483	1553	440											
	315 L2	182	42	90	55	90	80	9	0	1483	1553	440											
15 / 16	200												112	27	60	50	60	55	- 5	5.5	1659.5	1705.5	440
	225	142	31	75	70	75	60	4.5	- 3	1700.5	1746.5	440	127	27	65	50	65	60	- 3	3.5	1685.5	1731.5	440
	250	142	31	75	70	75	65	6	0	1702	1748	440	127	27	65	50	65	65	- 3	3.5	1685.5	1731.5	440
	280	142	31	75	70	75	75	- 8.5	6.5	1721	1767	440	142	31	75	50	75	75	12	0	1671	1717	440
	315 2)	162	36	80	70	80	80	5	0	1738	1784	440	162	36	80	50	80	80	10	0	1708	1754	440
	315 L1	182	42	90	70	90	80	11	0	1738	1784	440											
	315 L2	182	42	90	70	90	80	11	0	1738	1784	440											
	355 M	202	48	100	70	100	90	15	0	1740	1786	650											
17 / 18	225												127	27	65	50	65	60	- 3	- 3.5	1733.5	1783.5	440
	250												127	27	65	50	65	65	- 3	- 3.5	1733.5	1783.5	440
	280	142	31	75	70	75	75	- 6.5	6.5	1769	1829	440	142	31	75	50	75	75	12	0	1718.5	1778.5	440
	315 2)	162	42	90	70	90	80	- 4.5	4.5	1806	1866	440	162	36	80	50	80	80	10	0	1756	1816	440
	315 L1	182	42	90	70	90	80	- 4.5	4.5	1806	1866	440	182	42	90	70	90	80	16	0	1756	1816	440
	315 L2	182	42	90	70	90	80	- 4.5	4.5	1806	1866	440	182	42	90	70	90	80	16	0	1756	1816	440
	355 M	202	48	100	70	100	90	15	0	1788	1848	650											
	355 L	227	54	110	70	110	90	21	0	1788	1848	650											

齿轮箱 选轮箱减振扭力臂支撑 类型 MTH2, MTH3, MTH4, MTB2, MTB3, MTB4

Gear Units Vibration Reducing Torque Supports for Gear Housings Types MTH2, MTH3, MTH4, MTB2, MTB3, MTB4



最大传递扭矩受扭力臂支撑的限制：

$T_{max} = f_{DIST} \times T_{25mm}$

The maximum transmissable torque is limited by the torque support:

$T_{max} = f_{DIST} \times T_{25mm}$

表1 / Table 1

扭力臂支撑的峰值扭矩系数 f_{DIST} 1)
Peak torque factor f_{DIST} for torque support

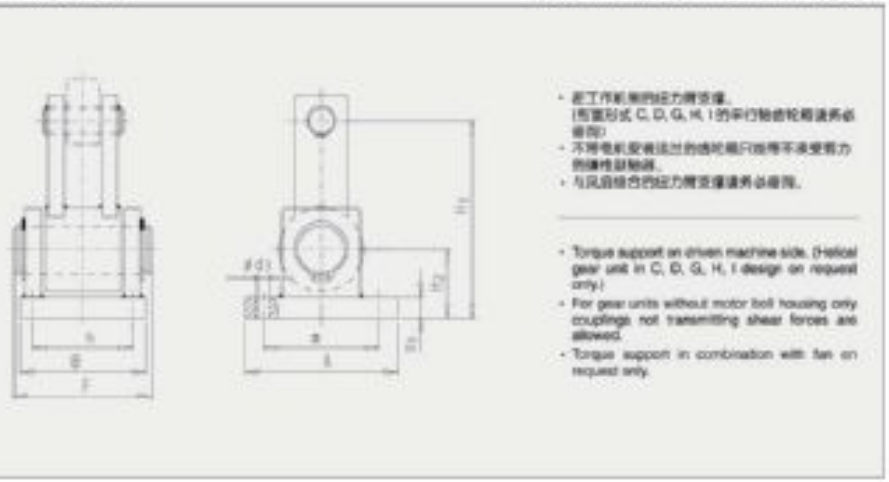
齿轮箱规格 Gear unit size	类型 / Type					
	MTH2	MTH3	MTH4	MTB2	MTB3	MTB4
4	1.3	–	–	1.2	1.2	–
5	1.9	2.0	–	1.2	1.6	2.0
6	1.6	1.7	–	1.2	1.4	1.7
7	2.0	2.0	2.0	1.3	1.8	2.0
8	1.7	2.0	2.0	1.2	1.6	2.0
9	1.5	1.6	1.7	1.2	1.2	1.7
10	1.3	1.4	1.4	1.2	1.2	1.4
11	2.0	2.0	2.0	1.9	2.0	1.2
12	2.0	2.0	2.0	1.8	2.0	1.2
13	–	2.0	2.0	1.4	1.8	2.0
14	–	1.9	2.0	1.3	1.7	2.0
15	–	1.5	1.7	–	1.4	1.8
16	–	1.4	1.5	–	1.3	1.5
17	–	1.2	1.3	–	1.2	1.3
18	–	1.2	1.2	–	1.2	1.2
19 - 26	敬请咨询 / On request					

1) 表中给出的数值为最小值。
具体方向和电机类型确定后有可能允许更大的峰值扭矩。
请咨询！

1) The values in the table are minimum values. Dependent on direction of rotation and motor type, higher peak torques may possibly be allowed.
Please consult us!

齿轮箱 选轮箱减振扭力臂支撑 类型 MTH2, MTH3, MTH4, MTB2, MTB3, MTB4

Gear Units Vibration Reducing Torque Supports for Gear Housings Types MTH2, MTH3, MTH4, MTB2, MTB3, MTB4



- 扭力臂支撑在工作机侧。（斜齿轮减速机 C, D, G, H, I 型的平行轴齿轮箱请另外说明）
- 不带电机安装法兰的齿轮箱只能传递不承受剪力的弹性联轴器。
- 与风扇组合的扭力臂支撑请另外说明。

- Torque support on driven machine side. (Helical gear unit in C, D, G, H, I design on request only.)
- For gear units without motor bell housing only couplings not transmitting shear forces are allowed.
- Torque support in combination with fan on request only.

表 2 / Table 2

齿轮箱规格 Gear unit size	A	B	⌀ d_3	F	H_1	H_2	m	s	s_1	滑轮衬套 Bush	重量 Weight kg
	mm										
4	160	110	19	116	200	65	120	70	15	070	6.8
5 + 6	200	160	19	170	250	90	160	120	20	085	16
7 + 8	320	200	19	195	400	140	260	130	25	772	37
9 + 10											42
11 + 12	400	300	24	320	500	175	320	240	30	805	155
13 + 14											159
15 + 16											163
17 + 18											167
19 - 26	敬请咨询 / On request										

齿轮箱 齿轮箱浮动底座带 N-EUPEX 联轴器 类型 MTB3, MTB4 / 规格 4-12

Gear Units Gear Unit Swing-bases with N-EUPEX Couplings Types MTB3, MTB4 / Sizes 4-12

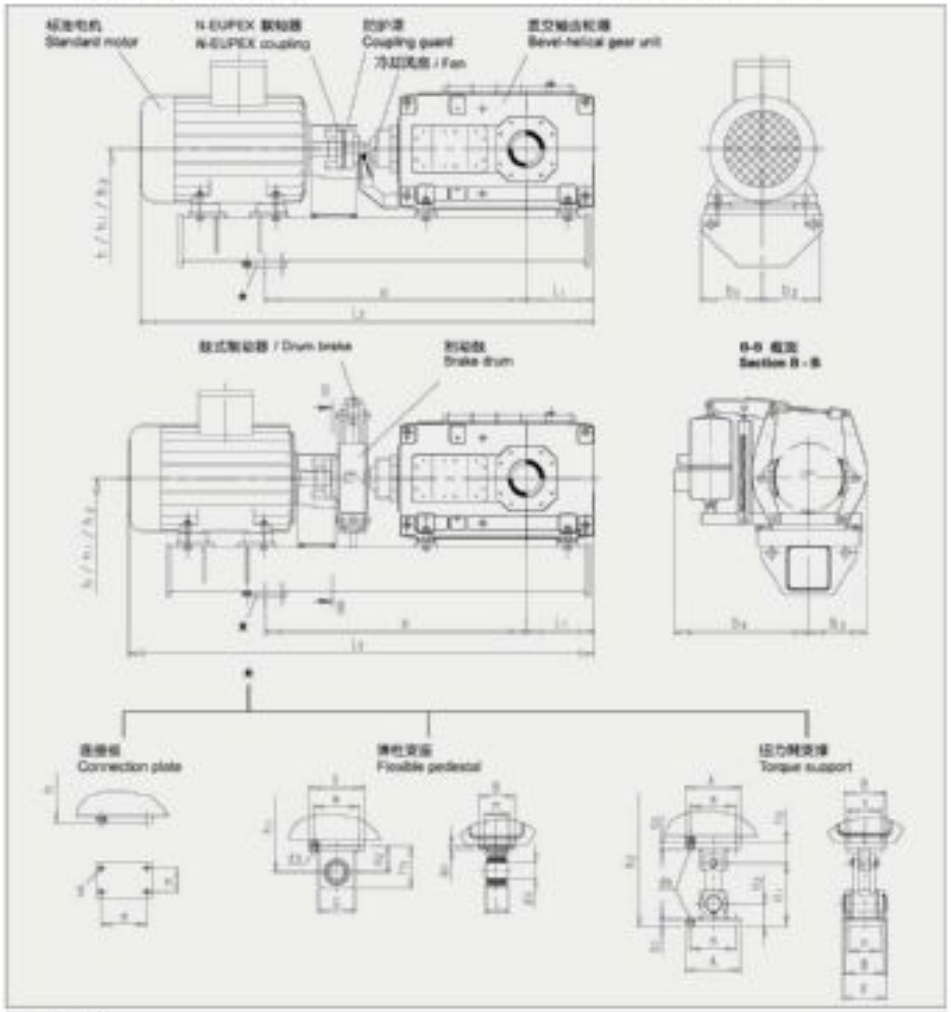


表 2 / Table 2

规格 Size	衬套 Bush	m mm	n mm	g mm	d_3 mm	A mm	B mm	d_5 mm	F mm	G mm	h_1 mm	h_2 mm	h_3 mm	l mm	s_3 mm	重量 / Weight 底座 Pedestal kg	扭力臂支撑 Torque support kg
4	069	95	65	M12	15	120	90	25	96	60	180	50	80	56	12	2.1	5.6
5 - 6	079	120	70	M16	19	160	110	32	116	75	200	65	105	72	15	5.3	11.8
7 - 10	095	160	120	M16	19	200	160	50	170	110	250	90	145	110	20	18	34
11 - 12	772	260	130	M16	19	320	200	100	196	160	400	140	230	120	25	50	62

齿轮箱 齿轮箱浮动底座带 N-EUPEX 联轴器 类型 MTB3 / 规格 4-12

Gear Units Gear Unit Swing-bases with N-EUPEX Couplings Types MTB3 / Sizes 4-12

表 3 / Table 3

类型规格 Type Size	IEC 电机 IEC motor	a	h	h_1	h_2	l_1	l_2	h_7	N-EUPEX 联轴器 N-EUPEX coupling l_9 = 12.5 - 45 l_{10} = 16 - 56 l_9 [2]	l_9* [2]	l_9 = 50 - 71 l_{10} = 63 - 90 l_9 [2]	l_9* [2]	带鼓式制动器的 N-EUPEX 联轴器 N-EUPEX coupling with drum brake h_8	h_9	l_9 = 12.5 - 45 l_{10} = 16 - 56 l_9 [2]	l_9* [2]	l_9 = 50 - 71 l_{10} = 63 - 90 l_9 [2]	l_9* [2]
									mm									
MTB3..4	132 S	850	380	430	610	190	160	145	–	–	1194	1194	170	470	–		1237	
	132 M								–	–	1232	1232			–		1275	
	160 M						200	170	1343	1343	1333	1333			1376		1376	
	160 L								1387	1387	1377	1387			1420		1420	
	180 M							185	1409	1409	1399	1409			1460		1460	
	180 L								1447	1452	–	–	210	590	1500		–	
	200 L							215	1529	1534	–	–			1585		–	
MTB3..5	160 M	1080	450	595	795	205	185	170	–	–	1423	1423	170	470	–		1466	
	160 L								1467	1467	1467	1477			1516		1516	
	180 M							186	1509	1509	1489	1489			1555		1555	
	180 L								1547	1547	1527	1542	210	590	1590		1590	
	200 L							215	1629	1629	–	–			1675		–	
	225 S						220	240	1682	1682	–	–	260	665	1729		–	
	225 M								1707	1707	–	–			1784		–	
MTB3..6	160 M	1080	450	595	795	255	185	170	–	–	1503	1503	170	470	–		1546	
	160 L								1567	1567	1547	1557			1596		1596	
	180 M							186	1589	1589	1569	1579			1635		1635	
	180 L								1627	1627	1607	1622	210	590	1673		1673	
	200 L							215	1709	1709	–	–			1755		–	
	225 S						220	240	1762	1762	–	–	260	665	1839		–	
	225 M								1787	1787	–	–			1864		–	
MTB3..7	160 M	1150	540	630	880	250	215	185	–	–	1669	1669	210	590	–		1718	
	180 L								–	–	1707	1707			–		1753	
	200 L							215	1809	1809	1789	1789			1840		1835	
	225 S						280	240	1862	1862	1842	1842			1919		1919	
	225 M								1887	1887	1867	1867	260	665	1944		1944	
	250 M							265	1974	1974	–				2031		–	
	280 S							300	2049	2049	–		310	765	2147		–	
	280 M								2099	2099	–				2198		–	
MTB3..8	180 M	1260	540	630	880	310	215	185	–	–	1774	1774	210	590	–		1826	
	180 L								–	–	1812	1812			–		1858	
	200 L							215	1914	1914	1894	1894			1945		1940	
	225 S						280	240	1967	1967	1947	1947			2024		2024	
	225 M								1992	1992	1972	1972	260	665	2049		2049	
	250 M							265	2079	2079	–	–			2136		–	
	280 S							300	2153	2153	–	–	310	765	2252		–	
	280 M								2204	2204	–	–			2303		–	
MTB3..9	200 L	1550	630	720	970	350	215	–	–	1969	1969	210	590	–	t)	2000	t)	
	225 S						280	240	–	–	2002	2002			–		2079	
	225 M								2057	2057	2047	2047	260	665	2104		2104	
	250 M							265	2144	2144	2134	2134			2191		2191	
	280 S						305	300	2218	2218	2208	2208			2307		2307	
	280 M								2259	2259	–	–	310	765	2358		–	
	315 S							330	2414	2414	–	–			2503		–	
	315 M								2465	2475	–	–			2554		–	
	315 L								2465	2475	–	–			2554		–	
MTB3..10	200 L	1480	630	720	970	350	215	–	–	2068	2068	210	590	–		2100		
	225 S						280	240	–	–	2122	2122			–		2179	
	225 M								2157	2157	2147	2147	260	665	2204		2204	
	250 M							265	2244	2244	2234	2234			2291		2291	
	280 S						305	300	2318	2318	2308	2308			2407		2407	
	280 M								2369	2369	–	–	310	765	2458		–	
	315 S							330	2514	2514	–	–			2603		–	
	315 M								2565	2575	–	–			2654		–	
	315 L								2565	2575	–	–			2654		–	
MTB3..11	250 M	1550	740	880	1280	345	355	265	–	–	2349	2349	260	665	–		2396	
	280 S							300	–	–	2423	2423	310	765	–		2512	
	280 M								2489	2499	2474	2474			2583		2583	
	315 S							330	2644	2644	2619	2619			2708		2708	
	315 M								2695	2695	2670	2680			2759		2759	
	315 L							380	2695	2695	–	–			2759		–	
	355 M								2886	2886	–	–	355	840	2998		–	
	355 L								2956	2961	–	–			3073		–	
MTB3..12	250 M	1680	740	880	1280	430	355	265	–	–	2504	2504	260	665	–		2551	
	280 S							300	–	–	2579	2579	310	765	–		2667	
	280 M								2654	2654	2629				2718		2718	
	315 S							330	2799	2799	2774	2774			2863		2863	
	315 M								2850	2850	2825	2835			2914		2914	
	315 L							380	2850	2850	–	–	395	840	2914		–	
	355 M								3041	3041	–	–			3153		–	
	355 L								3111	3116	–	–			3228		–	

齿轮箱 齿轮箱浮动底座带 N-EUPEX 联轴器 类型 MTB4 / 规格 5-12

Gear Units Gear Unit Swing-bases with N-EUPEX Couplings Types MTB4 / Sizes 5-12

表 4 / Table 4

型号规格 Type Size	符合 DIN42673 通用的 IEC 电机 IEC motor acc. to DIN 42673	a	h	h_1	h_2	l_1	b_1	b_2	N-EUPEX 联轴器 N-EUPEX coupling: i_N = 80 - 180, i_N = 100 - 224, l_2 [2)]	N-EUPEX 联轴器 N-EUPEX coupling: i_N = 200 - 315, i_N = 250 - 400, l_2 [2)]	带鼓式制动器的 N-EUPEX 联轴器 N-EUPEX coupling with drum brake: b_3	s_4	i_N = 80 - 180, i_N = 100 - 224, l_3 [2)]	i_N = 200 - 315, i_N = 250 - 400, l_3 [2)]
		mm												
MTB4..5	100 LD	1000	450	515	715	205	185	115	–	1256	170	470	–	1300
	112 M							130	1267	1262			1310	1310
	132 S							145	1319	1314			1367	1367
	132 M								1357	1352			1405	1405
	160 M							170	1458	–			1506	–
	160 L								1502	–			1550	–
	180 M							185	1524	–	210	590	1595	–
MTB4..6	100 LD	1050	450	515	715	250	185	115	–	1336	170	470	–	1389
	112 M							130	1347	1342			1395	1395
	132 S							145	1389	1384			1447	1447
	132 M								1437	1432			1485	1485
	160 M							170	1538	–			1586	–
	160 L								1582	–			1630	–
	180 M							185	1604	–	210	590	1675	–
MTB4..7	132 S	1150	540	630	880	250	215	145	–	1479	170	470	–	1552
	132 M								1527	1517			1560	1560
	160 M							170	1628	1618			1661	1661
	160 L								1672	1662			1705	1705
	180 M							185	1694	–	210	590	1750	–
	180 L								1732	–			1788	–
	200 L							215	1814	–			1870	–
MTB4..8	132 S	1200	540	630	880	310	215	145	–	1584	170	470	–	1627
	132 M								1632	1622			1665	1665
	160 M							170	1733	1723			1766	1766
	160 L								1777	1767			1810	1810
	180 M							185	1799	–	210	590	1855	–
	180 L								1837	–			1893	–
	200 L							215	1919	–			1975	–
MTB4..9	132 M	1350	630	720	970	300	260	145	–	1682	170	470	–	1725
	160 M							170	–	1783			–	1826
	160 L								1847	1827			1875	1870
	180 M							185	1869	1859	210	590	1915	1915
	180 L								1907	1897			1953	1953
	200 L							215	1989	–			2035	–
	225 S							240	2042	–	260	665	2119	–
	225 M								2067	–			2144	–
	250 M						305	265	2158	–			2231	–
MTB4..10	132 M	1400	630	720	970	350	260	145	–	1782	170	470	–	1825
	160 M							170	–	1883			–	1926
	160 L								1947	1927			1975	1970
	180 M							185	1969	1949	210	590	2015	2015
	180 L								2007	1987			2053	2053
	200 L							215	2089	–			2135	–
	225 S							240	2142	–	260	665	2219	–
	225 M								2167	–			2244	–
	250 M						305	265	2204	–			2301	–
MTB4..11	160 L	1550	740	880	1280	345	270	170	–	2062	170	470	–	2090
	180 M							185	–	2084	210	590	–	2130
	180 L								2142	2122			2173	2168
	200 L							215	2224	2204			2265	2250
	225 S							240	2277	2257	260	665	2334	2334
	225 M								2302	–			2359	–
	250 M						355	265	2389	–			2446	–
	280 S							300	2463	–	310	765	2562	–
	280 M								2514	–			2613	–
MTB4..12	160 L	1600	740	880	1280	430	270	170	–	2217	170	470	–	2245
	180 M							185	–	2239	210	590	–	2285
	180 L								2297	2277			2328	2323
	200 L							215	2379	2359			2410	2405
	225 S							240	2432	2412	260	665	2489	2489
	225 M								2457	–			2514	–
	250 M						355	265	2544	–			2601	–
	280 S							300	2618	–	310	765	2717	–
	280 M								2669	–			2768	–

1) 按需提供 2) l_2*, l_3* 用于带冷却风扇的齿轮箱

1) On request 2) l_2*, l_3* for gear units with fan

齿轮箱 齿轮箱浮动底座带 N-EUPEX 联轴器 类型 MTB3, MTB4 / 规格 13-18

Gear Units Gear Unit Swing-bases with N-EUPEX Couplings Types MTB3, MTB4 / Sizes 13-18

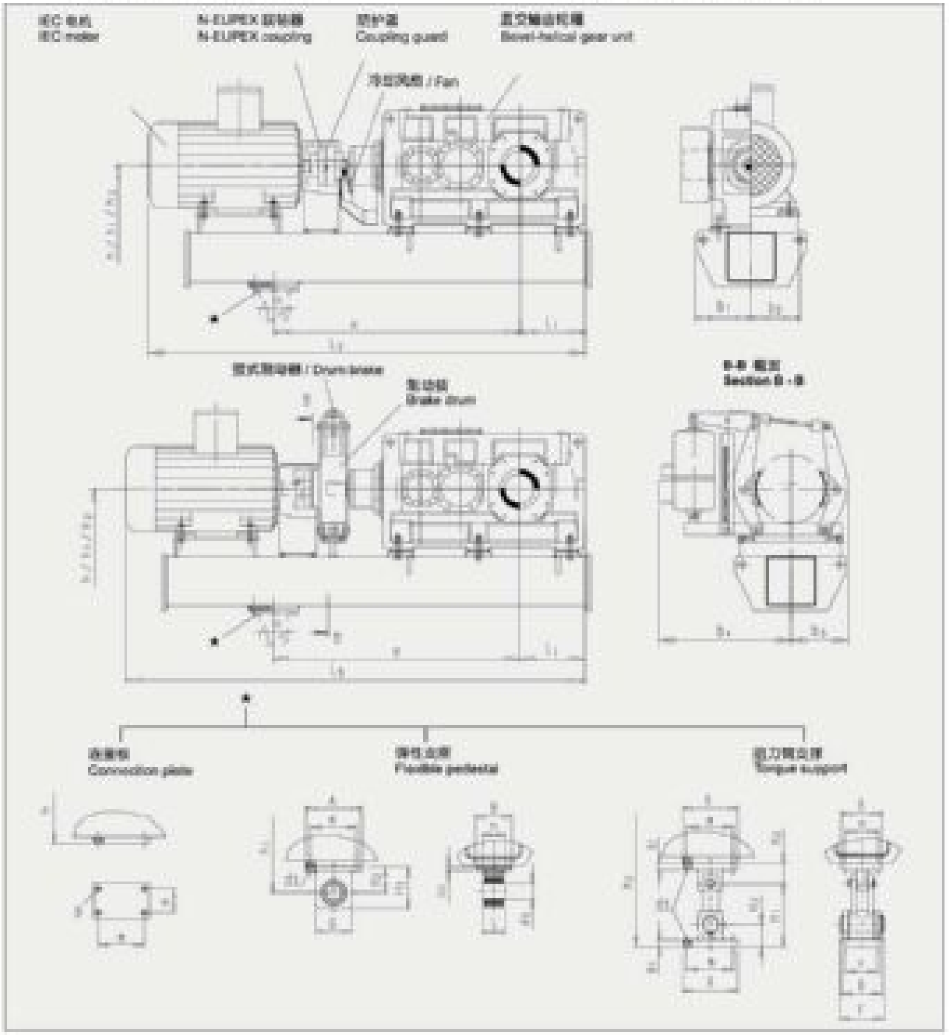


表 5 / Table 5

规格 Size	衬套 Bush	m mm	n mm	g mm	d_2 mm	A mm	B mm	d_1 mm	F mm	G mm	H_1 mm	H_2 mm	H_3 mm	l mm	s_1 mm	重量 / Weight: 底座 Pedestal kg	重量 / Weight: 扭力臂支撑 Torque support kg
13 - 14	772	260	130	∅18	18	320	260	100	195	180	400	140	230	120	25	50	82
15 - 18	805	320	240	∅24	24	400	300	124	320	240	500	175	285	230	30	95	220

齿轮箱 齿轮箱浮动底座带 N-EUPEX 联轴器 类型 MTB3 / 规格 13-18

Gear Units Gear Unit Swing-bases with N-EUPEX Couplings Types MTB3 / Sizes 13-18

表 6 / Table 6

类型 规格 Type Size	IEC 电机 IEC motor								N-EUPEX 联轴器 N-EUPEX coupling				带鼓式制动器的 N-EUPEX 联轴器 N-EUPEX coupling with drum brake			
									l_{4y} = 12.5 - 45		l_{4y} = 50 - 71		l_{4y} = 12.5 - 45		l_{4y} = 50 - 71	
									l_{4y} = 14 - 50		l_{4y} = 56 - 80		l_{4y} = 14 - 50		l_{4y} = 56 - 80	
		a	h	h_1	h_2	l_1	b_1	b_2	l_2 2)	l_2* 2)	l_2 2)	l_2* 2)	b_3	b_4	l_2 2)	l_2* 2)	l_2 2)	l_2* 2)
		mm														
MTB3..13	280 M	1750	800	940	1340	405	345	300	–	–	2729	2729	310	785	–	1)	2788	1)
	315 S							330	–	–	2874	2874			2933	
	315 M								2950	2950	2925	2925			2999	
	315 L1								2950	2950	2925	2925			2999	
	315 L2								3072	3072	3047	3047			3154	
	355 M							360	3141	3141	–	–	385	840	3223	
	355 L								3211	3211	–	–			3298	
MTB3..14	280 M	1750	800	940	1340	475	345	300	–	–	2989	2989	310	785	–	1)	2928	1)
	315 S							330	–	–	3014	3014			3073	
	315 M								3090	3090	3065	3065			3139	
	315 L1								3090	3090	3065	3065			3139	
	315 L2								3212	3212	3187	3187			3294	
	355 M							360	3281	3281	–	–	385	840	3363	
	355 L								3351	3351	–	–			3438	
MTB3..15	315 M	2000	990	1165	1665	485	345	330	–	–	3247	3247	310	785	–	1)	3306	1)
	315 L1								–	–	3247	3247			–	
	315 L2								–	–	3369	3369			–	
	355 M							360	3463	3463	3438	3438	385	840	3545	
	355 L								3533	3533	3508	3513			3620	
MTB3..16	315 M	2000	990	1165	1665	530	345	330	–	–	3338	3338	310	785	–		3397	
	315 L1								–	–	3338	3338			–	
	315 L2								–	–	3460	3460			–	
	355 M							360	3554	3554	3529	3529	385	840	3636	
	355 L								3624	3624	3599	3604			3711	
MTB3..17	315 L2	2200	1050	1225	1725	525	500	330	–	–	3632	3632	385	840	–		3709	
	355 M							360	–	–	3701	3701			–		3778	
	355 L								3806	3806	3771	3771			3858		3853	
MTB3..18	315 L2	2200	1050	1225	1725	585	500	330	–	–	3752	3752	385	840	–		3829	
	355 M							360	–	–	3821	3821			–		3896	
	355 L								3926	3926	3891	3891			3988		3973	

1) 敬请咨询
2) l_2*, l_2* 用于带冷却风扇的齿轮箱
齿轮箱浮动底座的重量请咨询

1) On request
2) l_2*, l_2* for gear units with fan
Weight of gear unit swing-base on request

齿轮箱 齿轮箱浮动底座带 N-EUPEX 联轴器 类型 MTB4 / 规格 13-18

Gear Units Gear Unit Swing-bases with N-EUPEX Couplings Types MTB4 / Sizes 13-18

表 7 / Table 7

类型 规格 Type Size	符合 DIN42673 规格的 IEC 电机 IEC motor acc. to DIN 42673								N-EUPEX 联轴器 N-EUPEX coupling				带鼓式制动器的 N-EUPEX 联轴器 N-EUPEX coupling with drum brake			
									l_{4y} = 80 - 180		l_{4y} = 200 - 315		l_{4y} = 80 - 180		l_{4y} = 200 - 315	
									l_{4y} = 100 - 224		l_{4y} = 250 - 400		l_{4y} = 100 - 224		l_{4y} = 250 - 400	
									l_{4y} = 90 - 200		l_{4y} = 224 - 355		l_{4y} = 90 - 200		l_{4y} = 224 - 355	
		a	h	h_1	h_2	l_1	b_1	b_2	l_2 2)		l_2 2)		b_3	b_4	l_2 2)		l_2 2)	
		mm																
MTB4..13	160 M	1750	800	940	1340	405	345	185	–		2324		210	590	–		2358	
	160 L								–		2362				–		2390	
	200 L							215	–		2444				–		2475	
	225 S							240	2507		2497		260	665	2554		2554	
	225 M								2532		2522				2579		2579	
	250 M							265	2619		2609				2666		2666	
	280 S							300	2693		–		310	785	2762		–	
	280 M								2744		–				2833		–	
	315 S							330	2859		–				2978		–	
	315 M								2940		–				3029		–	
MTB4..14	160 M	1750	800	940	1340	475	345	185	–		2464		210	590	–		2466	
	160 L								–		2502				–		2533	
	200 L							215	–		2584				–		2615	
	225 S							240	2647		2637		260	665	2694		2694	
	225 M								2672		2662				2719		2719	
	250 M							265	2759		2749				2806		2806	
	280 S							300	2833		–		310	785	2922		–	
	280 M								2884		–				2973		–	
	315 S							330	3029		–				3118		–	
	315 M								3090		–				3189		–	
MTB4..15	200 L	2000	990	1165	1665	485	345	215	–		2766		210	590	–		2797	
	225 S							240	–		2819		260	665	–		2866	
	225 M								–		2844				–		2891	
	250 M							265	2956		2931				2995		2978	
	280 S							300	3030		3005		310	785	3111		3094	
	280 M								3081		3056				3145		3145	
	315 S							330	3226		–				3290		–	
	315 M								3277		–				3341		–	
	315 L1								3277		–				3341		–	
	315 L2								3399		–		385	840	3511		–	
MTB4..16	200 L	2000	990	1165	1665	530	345	215	–		2857		210	590	–		2888	
	225 S							240	–		2910		260	665	–		2957	
	225 M								–		2935				–		2982	
	250 M							265	3047		3022				3086		3069	
	280 S							300	3121		3096		310	785	3202		3185	
	280 M								3172		3147				3236		3236	
	315 S							330	3317		–				3381		–	
	315 M								3368		–				3432		–	
	315 L1								3368		–				3432		–	
	315 L2								3490		–		385	840	3602		–	
MTB4..17	225 M	2200	1050	1225	1725	525	500	240	–		2932		260	665	–		2979	
	250 M							265	–		3010				–		3066	
	280 S							300	3118		3093		310	785	3199		3182	
	280 M								3169		3144				3233		3233	
	315 S							330	3314		3289				3378		3378	
	315 M								3365		–				3429		–	
	315 L1								3365		–				3429		–	
	315 L2								3487		–				3599		–	
	355 M							380	3556		–		385	840	3668		–	
	355 L								3628		–				3743		–	
MTB4..18	225 M	2200	1050	1225	1725	585	500	240	–		3052		260	665	–		3096	
	250 M							265	–		3139				–		3186	
	280 S							300	3238		3213		310	785	3319		3302	
	280 M								3289		3264				3353		3353	
	315 S							330	3434		3409				3498		3498	
	315 M								3485		–				3549		–	
	315 L1								3485		–				3549		–	
	315 L2								3607		–				3719		–	
	355 M							380	3676		–		385	840	3788		–	
	355 L								3746		–				3863		–	

1) 敬请咨询 2) l_2*, l_2* 用于带冷却风扇的齿轮箱
齿轮箱浮动底座的重量请咨询

1) On request 2) l_2*, l_2* for gear units with fan
Weight of gear unit swing-base on request

齿轮箱 特殊安装位置 规格 4-18

Gear Units Special Mounting Positions Sizes 4-18

对于下图所示的特殊安装位置也可以提供MTH2..、MTH3..、MTH4..、MTB2..、MTB3.. 和 MTB4.. 齿轮的齿轮箱。

例如这些齿轮箱可以采用带扭力臂支撑的轴装式或脚支座来安装。

润滑的供应方式请参考表 2

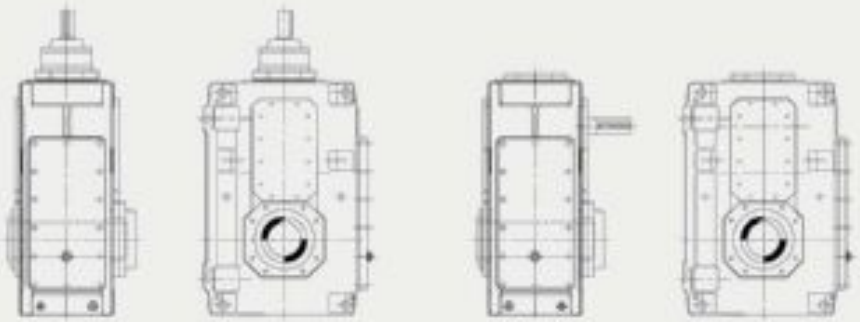
Gear units of types MTH2.., MTH3.., MTH4.., MTB2.., MTB3.. and MTB4.. are also available for the special mounting positions illustrated below.

They can be installed, for example, as shaft-mounted gear unit with torque support or by means of base rails.

For oil supply, take into account table 2.

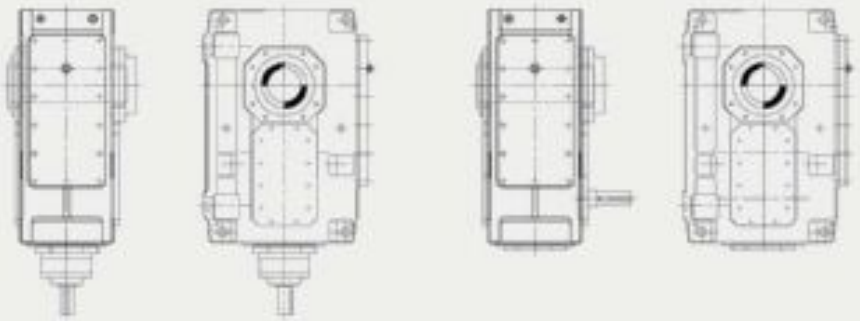
安装位置：输入轴 d_1 在上面

Mounting position: Shaft d_1 upward



安装位置：输入轴 d_1 在下面

Mounting position: Shaft d_1 downward



齿轮箱 特殊安装位置 齿轮箱脚支座 / 规格 4-18

Gear Units Special Mounting Positions Housing Base Rails / Sizes 4-18

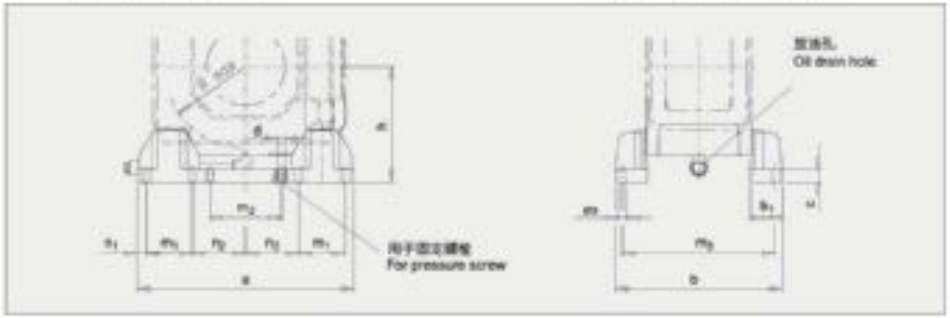


表 1 / Table 1

规格 Size	MTH2, MTH3, MTH4, MTB2, MTB3, MTB4											MTH2, MTH3, MTH4, MTB3, MTB4		MTB2	
	a	b_1	c	4 x d	h	m_1	m_2	n_1	n_2	8 x d x s	R_{max}	b	n_3	b	n_3
	mm														
4	450	75	28	M 16	255	110	130	20	95	19	160	355	315	–	–
5	510	75	28	M 16	270	110	170	20	125	19	190	395	355	480	420
6					315						220				
7	610	90	35	M 20	325	130	200	25	150	24	230	470	420	550	500
8					385						270				
9	710	110	40	M 24	380	160	230	30	185	28	260	580	520	650	590
10					430						300				
11	860	120	50	M 30	435	190	270	35	205	35	340	666	590	760	690
12					520						380				
13	965	100	60	M 30	430	250	230	37.5	185	35	300	745	665	850	770
14					500						360				
15	1060	110	70	M 36	505	300	190	45	185	42	350	840	750	960	850
16					550						400				
17	1210	135	80	M 42	550	340	250	55	210	48	390	936	820	1135	1015
18					610						440				

表 2 / Table 2

规格 Size	MTH2	MTH3	MTH4	MTB2	MTB3	MTB4
4 - 12	浸油润滑 Dip lubrication	带补油箱的浸油润滑 Dip lubrication with oil compensating tank	带补油箱的浸油润滑 Dip lubrication with oil compensating tank	带法兰泵的强制润滑 Forced lubrication with flanged-on pump	带法兰泵的强制润滑 Forced lubrication with flanged-on pump	带法兰泵的强制润滑 Forced lubrication with flanged-on pump
13 - 18	带法兰泵的强制润滑 Forced lubrication with flanged-on pump	带法兰泵的强制润滑 Forced lubrication with flanged-on pump	带电动泵的强制润滑 Forced lubrication with motor pump	带法兰泵的强制润滑 Forced lubrication with flanged-on pump	带法兰泵的强制润滑 Forced lubrication with flanged-on pump	带电动泵的强制润滑 Forced lubrication with motor pump

请注意润滑供油设备（油泵、油管等 ----）的安装空间

具体尺寸请查询

Take into account space required for oil supply elements (pump, pipes, etc.)

Dimensions on request

齿轮箱 水处理用螺旋输送机 类型 MTB3SH / 规格 4-12

Gear Units For Water Screws Type MTB3SH / Sizes 4-12

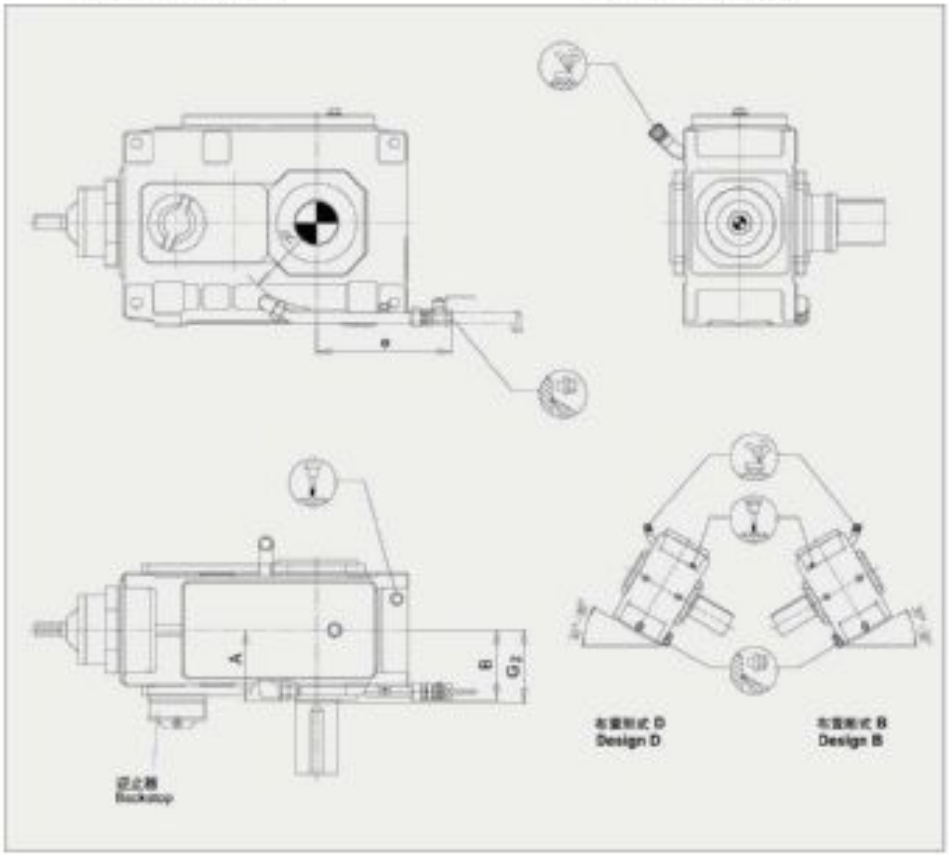


表 1 / Table 1

类型 Type	规格 Size	A mm	B mm	G_0 mm	e mm	放油阀 Oil drain valve	R mm
MTB3SH	4	145	135	140	255	G 3/4	125
	5	160	156.5	165	305	G 3/4	–
	6				345		–
	7	190	185	195	360	G 1	–
	8				420		–
	9	220	220	235	410	G 1	–
	10				460		–
	11	258	260	270	465	G 1 1/4	–
	12				550		–

齿轮箱 水处理用螺旋输送机 类型 MTB3SH / 规格 13-18

Gear Units For Water Screws Type MTB3SH / Sizes 13-18

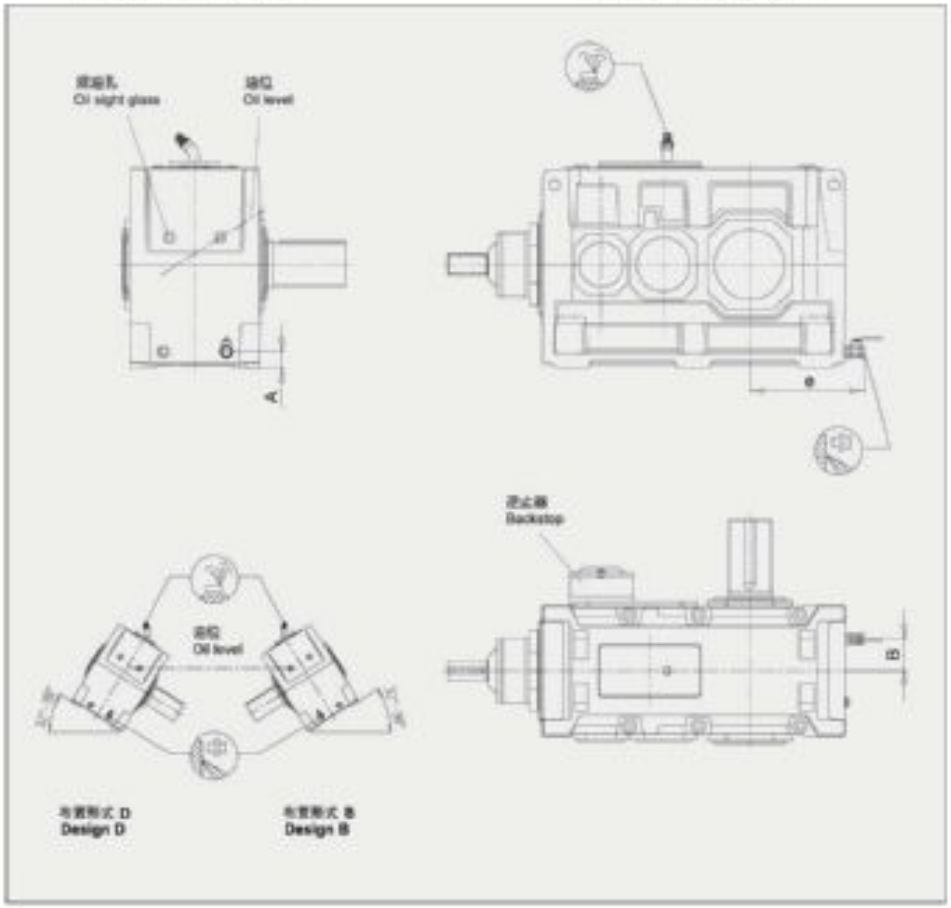


表 2 / Table 2

类型 Type	规格 Size	A mm	B mm	e mm	放油阀 Oil drain valve
MTB3SH	13	67	135	560	G 1 1/4
	14			570	
	15	80	150	610	G 2
	16			655	
	17	85	160	650	G 2
	18			710	

齿轮箱 电机支架 / 卧式安装 类型 MTH3.H / 规格 5-10

Gear Units Motor Brackets / Horizontal Type MTH3.H / Sizes 5-10

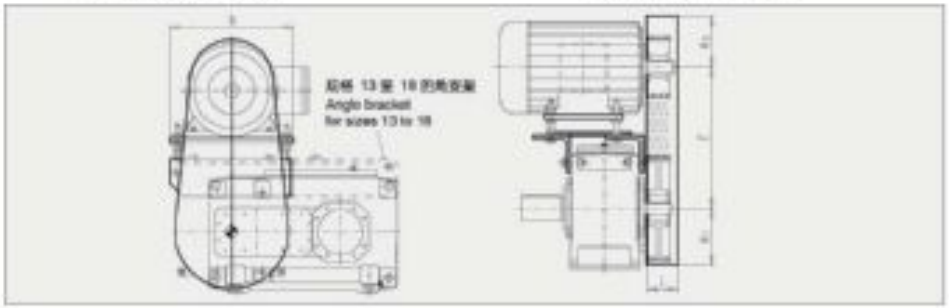


表 1 / Table 1

类型 规格 Type Size	IEC 电机 IEC motor	i 减速箱 i Gear unit	i 皮带传动 i Belt drive	i 总 i Total	电机轴皮带轮 Motor shaft pulley	皮带数量 No. of belts	b mm	E mm	e_1 mm	e_2 mm	l mm
MTH3.H 5	132 S	71 - 90	1.25 1.4 1.6 1.8	89 - 162	SPZ 140	2	390	493	160	177	120
	132 M	50 - 90		63 - 162	SPZ 140	3	390	493	160	177	120
	160 M	35.5 - 71		44 - 128	SPZ 180	3	390	530	160	140	120
	160 L	25 - 50		31 - 90	SPA 180	3	390	530	160	140	120
MTH3.H 6	132 S	90 - 112	1.25 1.4 1.6 1.8	113 - 202	SPZ 140	2	390	493	160	177	120
	132 M	63 - 112		79 - 202	SPZ 140	3	390	493	160	177	120
	160 M	45 - 90		56 - 162	SPZ 180	3	390	530	160	140	120
	160 L	31.5 - 71		39 - 128	SPA 180	3	390	530	160	140	120
MTH3.H 7	160 M	63 - 90	1.25 1.4 1.6 1.8	79 - 162	SPZ 180	3	460	586	250	224	120
	160 L	50 - 90		63 - 162	SPA 180	3	460	586	250	224	120
	180 M	40 - 71		50 - 128	SPA 250	3	460	626	250	184	120
	180 L	31.5 - 63		39 - 113	SPA 250	3	460	626	250	184	120
	200 L	25 - 45		31 - 54	SPB 280	3	570	690	200	200	150
	225 S	25 - 40		31 - 50	SPB 280	3	570	690	200	200	150
MTH3.H 8	160 M	80 - 112	1.25 1.4 1.6 1.8	100 - 202	SPZ 180	3	460	586	250	224	120
	160 L	63 - 112		79 - 202	SPA 180	3	460	586	250	224	120
	180 M	50 - 90		63 - 162	SPA 250	3	460	626	250	184	120
	180 L	40 - 80		50 - 144	SPA 250	3	460	626	250	184	120
	200 L	31.5 - 56		39 - 70	SPB 280	3	570	690	200	200	150
	225 S	31.5 - 50		39 - 63	SPB 280	3	570	690	200	200	150
MTH3.H 9	160 L	80 - 90	1.25 1.4 1.6 1.8	100 - 162	SPA 180	3	460	615	250	235	135
	180 M	71 - 90		89 - 162	SPA 250	3	460	664	250	186	135
	180 L	56 - 90		70 - 162	SPA 250	3	460	664	250	186	135
	200 L	40 - 80		50 - 144	SPB 280	3	570	747	275	203	150
	225 S	31.5 - 63		39 - 113	SPB 280	3	570	750	275	200	150
	225 M	28 - 50		35 - 90	SPB 280	4	570	750	275	200	150
	250 M	25 - 45		31 - 81	SPB 315	4	690	804	305	226	150
MTH3.H 10	160 L	100; 112	1.25 1.4 1.6 1.8	125 - 202	SPA 180	3	460	615	250	235	135
	180 M	80 - 112		100 - 202	SPA 250	3	460	664	250	186	135
	180 L	71 - 112		89 - 202	SPA 250	3	460	664	250	186	135
	200 L	50 - 100		63 - 180	SPB 280	3	570	747	275	203	150
	225 S	40 - 80		50 - 144	SPB 280	3	570	750	275	200	150
	225 M	31.5 - 63		39 - 113	SPB 280	4	570	750	275	200	150
	250 M	31.5 - 56		39 - 101	SPB 315	4	690	804	305	226	150

齿轮箱 电机支架 / 卧式安装 类型 MTH3.H / 规格 11-18

Gear Units Motor Brackets / Horizontal Type MTH3.H / Sizes 11-18

类型 规格 Type Size	IEC 电机 IEC motor	i 减速箱 i Gear unit	i 皮带传动 i Belt drive	i 总 i Total	电机轴皮带轮 Motor shaft pulley	皮带数量 No. of belts	b mm	E mm	e_1 mm	e_2 mm	l mm
MTH3.H 11	200 L	71 - 90	1.25 1.4 1.6 1.8	89 - 162	SPB 280	3	570	625	275	200	150
	225 S	56 - 90		70 - 162	SPB 280	3	570	625	275	200	150
	225 M	50 - 90		63 - 162	SPB 280	4	570	625	275	200	150
	250 M	40 - 71		50 - 128	SPB 315	4	720	697	305	268	150
	280 S	31.5 - 56		39 - 101	SPB 315	5	720	938	305	227	150
	280 M	25 - 45		31 - 81	SPB 315	6	720	938	305	227	150
	315 S	25 - 35.5		31 - 64	SPC 355	5	810	1001	340	249	180
MTH3.H 12	200 L	90 - 112	1.25 1.4 1.6 1.8	113 - 202	SPB 280	3	570	625	275	200	150
	225 S	71 - 112		89 - 202	SPB 280	3	570	625	275	200	150
	225 M	63 - 112		79 - 202	SPB 280	4	570	625	275	200	150
	250 M	50 - 90		63 - 162	SPB 315	4	720	697	305	268	150
	280 S	35.5 - 63		44 - 113	SPB 315	5	720	938	305	227	150
	280 M	31.5 - 56		39 - 101	SPB 315	6	720	938	305	227	150
	315 S	31.5 - 45		39 - 81	SPC 355	5	810	1001	340	249	180
MTH3.H 13	225 M	80; 90	1.25 1.4 1.6 1.8	100 - 162	SPB 280	4	570	681	275	199	175
	250 M	63 - 90		79 - 162	SPB 315	4	720	938	305	227	155
	280 S	45 - 80		56 - 144	SPB 315	5	720	938	305	227	155
	280 M	40 - 71		50 - 128	SPB 315	6	720	938	305	227	155
	315 S	31.5 - 56		39 - 101	SPC 355	5	810	1042	380	268	225
	315 M	22.4 - 50		28 - 90	SPC 355	6	810	1042	380	268	225
MTH3.H 14	225 M	90 - 112	1.25 1.4 1.6 1.8	113 - 202	SPB 280	4	570	681	275	199	175
	250 M	80 - 112		100 - 202	SPB 315	4	720	938	305	227	155
	280 S	56 - 100		70 - 180	SPB 315	5	720	938	305	227	155
	280 M	40 - 80		50 - 162	SPB 315	6	720	938	305	227	155
	315 S	40 - 71		50 - 128	SPC 355	5	810	1042	380	268	225
	315 M	28 - 63		35 - 113	SPC 355	6	810	1042	380	268	225
MTH3.H 15	280 S	80; 90	1.25 1.4 1.6 1.8	100 - 162	SPB 315	5	720	980	305	225	215
	280 M	63 - 90		79 - 162	SPB 315	6	720	980	305	225	215
	315 S	50 - 90		63 - 162	SPC 355	5	810	1060	380	270	225
	315 M	45 - 80		56 - 144	SPC 355	6	810	1060	380	270	225
	315 L1	35.5 - 45		44 - 81	SPC 400	8	810	1060	380	270	225
	315 L2	22.4 - 45		28 - 81	SPC 400	8	810	1060	380	270	225
MTH3.H 16	280 S	90; 100	1.25 1.4 1.6 1.8	113 - 180	SPB 315	5	720	980	305	225	215
	280 M	71 - 100		89 - 180	SPB 315	6	720	980	305	225	215
	315 S	56 - 100		70 - 180	SPC 355	5	810	1060	380	270	225
	315 M	50 - 90		63 - 162	SPC 355	6	810	1060	380	270	225
	315 L1	40 - 50		50 - 90	SPC 400	8	810	1060	380	270	225
	315 L2	25 - 50		31 - 90	SPC 400	8	810	1060	380	270	225
MTH3.H 17	280 M	80; 90	1.25 1.4 1.6 1.8	100 - 162	SPB 315	6	720	1072	305	223	215
	315 S	71 - 90		89 - 162	SPC 355	5	810	1157	380	268	225
	315 M	63 - 90		79 - 162	SPC 355	6	810	1157	380	268	225
	315 L1	50 - 90		63 - 162	SPC 400	8	810	1157	380	268	225
	315 L2	22.4 - 45		28 - 81	SPC 400	8	810	1157	380	268	225
MTH3.H 18	280 M	100	1.25 1.4 1.6 1.8	125 - 180	SPB 315	6	720	1072	305	223	215
	315 S	90; 100		113 - 180	SPC 355	5	810	1157	380	268	225
	315 M	71 - 100		89 - 180	SPC 355	6	810	1157	380	268	225
	315 L1	63 - 100		79 - 180	SPC 400	8	810	1157	380	268	225
	315 L2	25 - 50		31 - 90	SPC 400	8	810	1157	380	268	225

齿轮箱 电机支架 / 卧式安装 类型 MTH4.H / 规格 7-12

Gear Units Motor Brackets / Horizontal Type MTH4.H / Sizes 7-12

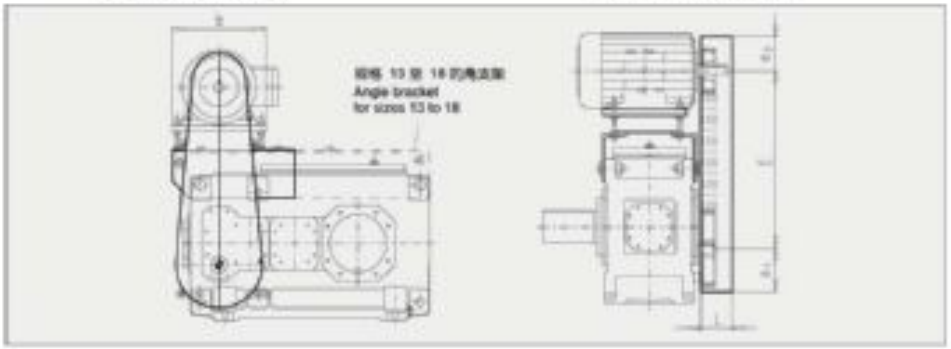


表 2 / Table 2

类型 规格 Type Size	IEC 电机 IEC motor	i 减速箱 i Gear unit	i 皮带传动 i Belt drive	i 总 i Total	电机轴皮带轮 Motor shaft pulley	皮带数量 No. of belts	b mm	E mm	e_1 mm	e_2 mm	l mm
MTH4.H 7	100 LB	315; 355	1.25 1.4 1.6 1.8	394 - 639	SPZ 180	3	310	597	125	123	70
	100 LD	250 - 355		313 - 639	SPZ 180	2	310	597	125	123	70
	112 M	180 - 355		225 - 639	SPZ 112	2	310	613	125	107	70
	132 S	140 - 250		175 - 450	SPZ 140	2	350	632	150	123	90
	132 M	100 - 180		125 - 324	SPZ 140	3	350	632	150	123	90
MTH4.H 8	100 LB	400; 450	1.25 1.4 1.6 1.8	500 - 810	SPZ 180	2	310	597	125	123	70
	100 LD	315 - 450		394 - 810	SPZ 180	2	310	597	125	123	70
	112 M	224 - 450		280 - 810	SPZ 112	2	310	613	125	107	70
	132 S	180 - 355		225 - 639	SPZ 140	2	350	632	150	123	90
	132 M	125 - 250		156 - 450	SPZ 140	3	350	632	150	123	90
MTH4.H 9	112 M	315; 355	1.25 1.4 1.6 1.8	394 - 639	SPZ 112	2	390	672	125	108	70
	132 S	224 - 355		280 - 639	SPZ 140	2	390	701	180	154	120
	132 M	160 - 315		200 - 567	SPZ 140	3	390	701	180	154	120
	160 M	112 - 224		140 - 403	SPZ 180	3	390	742	180	143	120
	160 L	100 - 160		125 - 288	SPA 180	3	390	742	180	143	120
MTH4.H 10	112 M	400; 450	1.25 1.4 1.6 1.8	500 - 810	SPZ 112	2	390	672	125	108	70
	132 S	280 - 450		350 - 810	SPZ 140	2	390	701	180	154	120
	132 M	200 - 400		250 - 720	SPZ 140	3	390	701	180	154	120
	160 M	140 - 280		175 - 504	SPZ 180	3	390	742	180	143	120
	160 L	125 - 180		156 - 324	SPA 180	3	390	742	180	143	120
MTH4.H 11	132 M	280 - 355	1.25 1.4 1.6 1.8	350 - 639	SPZ 140	3	460	765	150	120	110
	160 M	200 - 355		250 - 639	SPZ 180	3	460	842	250	198	120
	160 L	140 - 280		175 - 504	SPA 180	3	460	842	250	198	120
	180 M	125 - 224		156 - 403	SPA 250	3	460	852	250	188	120
	180 L	100 - 180		126 - 324	SPA 250	3	460	852	250	188	120
	200 L	100 - 140		125 - 252	SPB 280	3	520	929	250	202	120
MTH4.H 12	132 M	355 - 450	1.25 1.4 1.6 1.8	444 - 810	SPZ 140	3	460	765	150	120	110
	160 M	250 - 450		313 - 810	SPZ 180	3	460	842	250	198	120
	160 L	180 - 355		225 - 639	SPA 180	3	460	842	250	198	120
	180 M	140 - 280		175 - 504	SPA 250	3	460	852	250	188	120
	180 L	125 - 224		156 - 403	SPA 250	3	460	852	250	188	120
	200 L	125 - 180		156 - 324	SPB 280	3	520	929	250	202	120

齿轮箱 电机支架 / 卧式安装 类型 MTH4.H / 规格 13-18

Gear Units Motor Brackets / Horizontal Type MTH4.H / Sizes 13-18

类型 规格 Type Size	IEC 电机 IEC motor	i 减速箱 i Gear unit	i 皮带传动 i Belt	i 总 i Total	电机轴皮带轮 Motor shaft pulley	皮带数量 No. of belts	b mm	E mm	e_1 mm	e_2 mm	l mm
MTH4.H 13	160 M	315; 355	1.25 1.4 1.6 1.8	394 - 639	SPZ 180	3	460	934	250	166	125
	160 L	224 - 355		280 - 639	SPA 180	3	460	934	250	166	125
	180 M	180 - 355		225 - 639	SPA 250	3	460	914	250	186	125
	180 L	160 - 280		200 - 504	SPA 250	3	460	914	250	186	125
	200 L	112 - 224		140 - 403	SPB 280	3	570	1001	275	214	155
	225 S	100 - 180		125 - 324	SPB 280	3	570	1001	275	214	155
	225 M	100 - 140		125 - 252	SPB 280	4	570	1001	275	214	155
MTH4.H 14	160 M	400; 450	1.25 1.4 1.6 1.8	500 - 810	SPZ 180	3	460	934	250	166	125
	160 L	280 - 450		350 - 810	SPA 180	3	460	934	250	166	125
	180 M	224 - 450		280 - 810	SPA 250	3	460	914	250	186	125
	180 L	200 - 355		250 - 639	SPA 250	3	460	914	250	186	125
	200 L	140 - 280		175 - 504	SPB 280	3	570	1001	275	214	155
	225 S	125 - 224		156 - 403	SPB 280	3	570	1001	275	214	155
	225 M	125 - 180		156 - 324	SPB 280	4	570	1001	275	214	155
MTH4.H 15	160 L	355	1.25 1.4 1.6 1.8	444 - 639	SPA 180	3	460	909	250	232	150
	180 M	315; 355		394 - 639	SPA 250	3	460	964	250	196	150
	180 L	250 - 355		313 - 639	SPA 250	3	460	964	250	196	150
	200 L	180 - 355		225 - 639	SPB 280	3	570	1057	275	208	155
	225 S	160 - 280		200 - 504	SPB 280	3	570	1057	275	208	155
	225 M	125 - 250		156 - 450	SPB 280	4	570	1057	275	208	155
	250 M	100 - 200		125 - 360	SPB 315	4	660	1131	305	229	155
MTH4.H 16	160 M	280 - 400	1.25 1.4 1.6 1.8	350 - 720	SPA 250	3	460	964	250	196	150
	180 L	224 - 400		280 - 720	SPA 250	3	460	964	250	196	150
	200 L	180 - 355		225 - 639	SPB 280	3	570	1057	275	208	155
	225 S	140 - 280		175 - 504	SPB 280	3	570	1057	275	208	155
	225 M	112 - 224		140 - 403	SPB 280	4	570	1057	275	208	155
	250 M	112 - 224		140 - 403	SPB 315	4	660	1131	305	229	155
MTH4.H 17	160 L	355	1.25 1.4 1.6 1.8	444 - 639	SPA 250	3	520	1047	275	190	125
	200 L	250 - 355		313 - 639	SPB 280	3	520	1098	275	207	125
	225 S	200 - 355		250 - 639	SPB 280	3	660	1157	305	253	155
	225 M	180 - 315		225 - 567	SPB 280	4	660	1157	305	253	155
	250 M	140 - 280		175 - 504	SPB 315	4	660	1181	305	229	155
	280 S	100 - 200		125 - 360	SPB 315	5	720	1231	305	229	155
	280 M	100 - 160		125 - 288	SPB 315	6	720	1231	305	229	155
MTH4.H 18	200 L	315 - 400	1.25 1.4 1.6 1.8	394 - 720	SPB 280	3	520	1098	275	207	125
	225 S	250 - 400		313 - 720	SPB 280	3	660	1157	305	253	155
	225 M	224 - 400		280 - 720	SPB 280	4	660	1157	305	253	155
	250 M	180 - 355		225 - 639	SPB 315	4	660	1181	305	229	155
	280 S	125 - 250		156 - 450	SPB 315	5	720	1231	305	229	155
	280 M	112 - 200		140 - 360	SPB 315	6	720	1231	305	229	155

齿轮箱 电机支架 / 卧式安装
类型 MTB3.H / 规格 4-10

Gear Units Motor Brackets / Horizontal
Type MTB3.H / Sizes 4-10

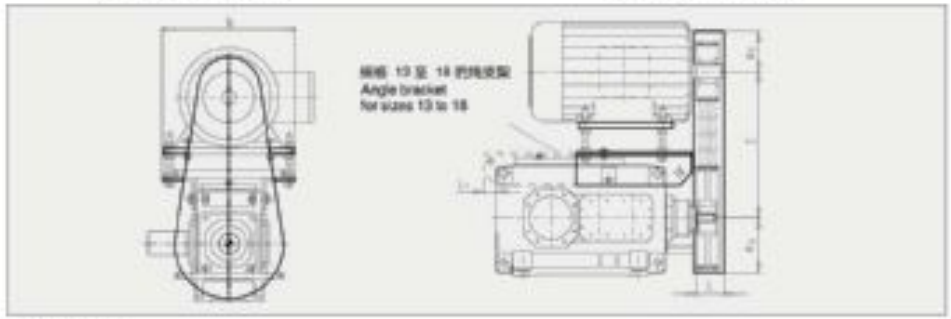


表 3 / Table 3

类型 Type 规格 Size	IEC 电机 IEC motor	i 齿轮箱 Gear unit	i 皮带传动 Belt	i 总 Total	电机轴皮带轮 Motor shaft pulley	皮带数量 No. of belts	b mm	E mm	e_1 mm	e_2 mm	i mm
MTB3.H 4	112 M	56 - 71	1.25 1.4 1.6 1.8	70 - 127.8	SPZ 112	2	375	421	120	104	85
	132 S	45 - 71		56.3 - 127.8	SPZ 140	2	455	434	180	182	120
	132 M	31.5 - 45		39.4 - 81	SPZ 140	3	455	434	180	182	120
	160 M	20 - 45		25 - 81	SPZ 180	3	455	476	180	140	120
	160 L	31.5; 35.5		39.4 - 63.9	SPA 180	3	455	476	180	140	120
MTB3.H 5	132 M	45 - 71	1.25 1.4 1.6 1.8	56.3 - 127.8	SPZ 140	3	415	476	180	167	120
	160 M	35.5 - 71		44.4 - 127.8	SPZ 180	3	415	502	180	141	120
	160 L	28 - 50		35 - 90	SPA 180	3	415	502	180	141	120
	180 M	22.4 - 40		28 - 64	SPA 250	3	495	534	220	171	120
	180 L	31.5; 35.5		39.4 - 56.8	SPA 250	3	495	534	220	171	120
MTB3.H 6	132 M	90 - 90	1.25 1.4 1.6 1.8	37.5 - 152	SPZ 140	3	415	476	180	167	120
	160 M	45 - 90		56.3 - 152	SPZ 180	3	415	502	180	141	120
	160 L	31.5 - 63		39.4 - 113.4	SPA 180	3	415	502	180	141	120
	180 M	28 - 50		35 - 80	SPA 250	3	495	534	220	171	120
	180 L	25 - 45		31.3 - 79	SPA 250	3	495	534	220	171	120
MTB3.H 7	160 M	63; 71	1.25 1.4 1.6 1.8	78.8 - 127.8	SPZ 180	3	450	553	180	137	120
	160 L	50 - 71		62.5 - 127.8	SPA 180	3	450	553	180	137	120
	180 M	40 - 71		50 - 127.8	SPA 250	3	660	588	273	326	150
	180 L	31.5 - 63		39.4 - 113.4	SPA 250	3	660	588	273	326	150
	200 L	25 - 45		31.3 - 81	SPB 280	3	660	643	273	266	150
	225 S	20 - 40		25 - 72	SPB 280	3	660	713	273	196	150
	225 M	20 - 31.5		25 - 56.7	SPB 280	4	660	713	273	196	150
MTB3.H 8	160 M	80; 90	1.25 1.4 1.6 1.8	100 - 152	SPZ 180	3	450	553	180	137	120
	160 L	63 - 90		78.8 - 152	SPA 180	3	450	553	180	137	120
	180 M	90 - 90		62.5 - 152	SPA 250	3	660	588	273	326	150
	180 L	40 - 80		50 - 144	SPA 250	3	660	588	273	326	150
	200 L	31.5 - 56		39.4 - 100.8	SPB 280	3	660	643	273	266	150
	225 S	25 - 45		31.3 - 81	SPB 280	3	660	713	273	196	150
	225 M	25 - 40		31.3 - 72	SPB 280	4	660	713	273	196	150
MTB3.H 9	160 M	63; 71	1.25 1.4 1.6 1.8	78.8 - 127.8	SPA 250	3	550	635	270	273	150
	160 L	56 - 71		70 - 127.8	SPA 250	3	550	635	270	273	150
	200 L	40 - 71		50 - 127.8	SPB 280	3	550	713	270	196	150
	225 S	40 - 53		50 - 113.4	SPB 280	3	550	713	270	196	150
	225 M	28 - 50		35 - 90	SPB 280	4	550	713	270	196	150
	250 M	22.4 - 45		28 - 81	SPB 315	4	730	782	360	269	150
	280 S	20 - 31.5		25 - 56.7	SPB 315	5	730	803	360	228	150
	280 M	20 - 25		25 - 45	SPB 315	6	730	803	360	228	150
MTB3.H 10	160 M	80; 90	1.25 1.4 1.6 1.8	100 - 152	SPA 250	3	550	635	270	273	150
	160 L	71 - 90		88.8 - 152	SPA 250	3	550	635	270	273	150
	200 L	50 - 90		62.5 - 152	SPB 280	3	550	713	270	196	150
	225 S	40 - 80		50 - 144	SPB 280	3	550	713	270	196	150
	225 M	31.5 - 63		39.4 - 113.4	SPB 280	4	550	713	270	196	150
	250 M	28 - 56		35 - 100.8	SPB 315	4	730	782	360	269	150
	280 S	25 - 40		31.3 - 72	SPB 315	5	730	803	360	228	150
	280 M	25 - 31.5		31.3 - 56.7	SPB 315	6	730	803	360	228	150

齿轮箱 电机支架 / 卧式安装
类型 MTB3.H / 规格 11-18

Gear Units Motor Brackets / Horizontal
Type MTB3.H / Sizes 11-18

类型 Type 规格 Size	IEC 电机 IEC motor 1)	i 齿轮箱 Gear unit	i 皮带传动 Belt drive	i 总 Total	电机轴皮带轮 Motor shaft pulley	皮带数量 No. of belts	b mm	E mm	e_1 mm	e_2 mm	i mm	l_1 mm
MTB3.H 11	225 S	56 - 71	1.25 1.4 1.6 1.8	70 - 127.8	SPB 280	3	636	789	275	209	153	–
	225 M	45 - 71		56.3 - 127.8	SPB 280	4	636	789	275	209	153	
	250 M	40 - 71		50 - 127.8	SPB 315	4	796	864	305	268	158	
	280 S	28 - 56		35 - 100.8	SPB 315	5	796	867	305	225	158	
	280 M	22.4 - 45		28 - 81	SPB 315	6	796	867	305	225	158	
	315 S	20 - 35.5		25 - 63.9	SPC 355	5	936	992	340	250	184	
	315 M	20 - 31.5		25 - 56.7	SPC 355	6	936	992	340	250	184	
	315 L1	20 - 25		25 - 45	SPC 400	8	936	992	340	250	184	
MTB3.H 12	225 S	71 - 90	1.25 1.4 1.6 1.8	88.8 - 162	SPB 280	3	636	789	275	209	153	–
	225 M	56 - 90		70 - 162	SPB 280	4	636	789	275	209	153	
	250 M	50 - 90		62.5 - 162	SPB 315	4	796	864	305	268	158	
	280 S	35.5 - 63		44.4 - 113.4	SPB 315	5	796	867	305	225	158	
	280 M	31.5 - 56		39.4 - 100.8	SPB 315	6	796	867	305	225	158	
	315 S	25 - 45		31.3 - 81	SPC 355	5	936	992	340	250	184	
	315 M	25 - 40		31.3 - 72	SPC 355	6	936	992	340	250	184	
	315 L1	25 - 31.5		31.3 - 56.7	SPC 400	8	936	992	340	250	184	
MTB3.H 13	250 M	63; 71	1.25 1.4 1.6 1.8	78.8 - 127.8	SPB 315	4	745	936	320	230	183	109
	280 S	45 - 71		56.3 - 127.8	SPB 315	5	745	936	320	230	183	
	280 M	35.5 - 71		44.4 - 127.8	SPB 315	6	745	936	320	230	183	
	315 S	31.5 - 56		39.4 - 100.8	SPC 355	5	945	1017	390	283	227	
	315 M	25 - 50		31.3 - 90	SPC 355	6	945	1017	390	283	227	
	315 L1	22.4 - 40		28 - 72	SPC 400	8	945	1017	390	283	227	
	315 L2	20 - 31.5		25 - 56.7	SPC 400	8	945	1017	390	283	227	
MTB3.H 14	250 M	80; 90	1.25 1.4 1.6 1.8	100 - 162	SPB 315	4	745	936	320	230	183	109
	280 S	56 - 90		70 - 162	SPB 315	5	745	936	320	230	183	
	280 M	45 - 90		56.3 - 162	SPB 315	6	745	936	320	230	183	
	315 S	40 - 71		50 - 127.8	SPC 355	5	945	1017	390	283	227	
	315 M	31.5 - 63		39.4 - 113.4	SPC 355	6	945	1017	390	283	227	
	315 L1	28 - 50		35 - 90	SPC 400	8	945	1017	390	283	227	
	315 L2	25 - 40		31.3 - 72	SPC 400	8	945	1017	390	283	227	
MTB3.H 15	280 M	63; 71	1.25 1.4 1.6 1.8	78.8 - 127.8	SPB 315	6	827	1031	305	225	180	120
	315 S	50 - 71		62.5 - 127.8	SPC 355	5	827	1042	380	265	226	
	315 M	45 - 71		56.3 - 127.8	SPC 355	6	827	1042	380	265	226	
	315 L1	35.5 - 63		44.4 - 113.4	SPC 400	8	827	1042	380	265	226	
	315 L2	28 - 56		35 - 100.8	SPC 400	8	827	1042	380	265	226	
	355 M	22.4 - 45		28 - 81	SPC 450	8	1027	1130	425	295	336	
	355 L	20 - 31.5		25 - 56.7	SPC 450	8	1027	1130	425	295	336	
MTB3.H 16	280 M	71; 90	1.25 1.4 1.6 1.8	88.8 - 162	SPB 315	6	827	1031	305	225	180	120
	315 S	56 - 80		70 - 144	SPC 355	5	827	1042	380	265	226	
	315 M	50 - 80		62.5 - 144	SPC 355	6	827	1042	380	265	226	
	315 L1	40 - 71		50 - 127.8	SPC 400	8	827	1042	380	265	226	
	315 L2	31.5 - 63		39.4 - 113.4	SPC 400	8	827	1042	380	265	226	
	355 M	25 - 50		31.3 - 90	SPC 450	8	1027	1130	425	295	336	
	355 L	22.4 - 35.5		28 - 63.9	SPC 450	8	1027	1130	425	295	336	
MTB3.H 17	315 M	63; 71	1.25 1.4 1.6 1.8	78.8 - 127.8	SPC 355	6	906	1118	380	272	227	120
	315 L1	50 - 71		62.5 - 127.8	SPC 400	8	906	1118	380	272	227	
	315 L2	35.5 - 71		44.4 - 127.8	SPC 400	8	906	1118	380	272	227	
	355 M	28 - 56		35 - 100.8	SPC 450	8	906	1148	425	302	227	
	355 L	25 - 45		31.3 - 81	SPC 450	8	906	1148	425	302	227	
MTB3.H 18	315 M	71; 80	1.25 1.4 1.6 1.8	88.8 - 144	SPC 355	6	906	1118	380	272	227	120
	315 L1	63 - 80		78.8 - 144	SPC 400	8	906	1118	380	272	227	
	315 L2	45 - 80		56.3 - 144	SPC 400	8	906	1118	380	272	227	
	355 M	35.5 - 71		44.4 - 127.8	SPC 450	8	906	1148	425	302	227	
	355 L	31.5 - 56		39.4 - 100.8	SPC 450	8	906	1148	425	302	227	

齿轮箱 电机支架 / 卧式安装 类型 MTB4.H / 规格 5-11

Gear Units Motor Brackets / Horizontal Type MTB4.H / Sizes 5-11

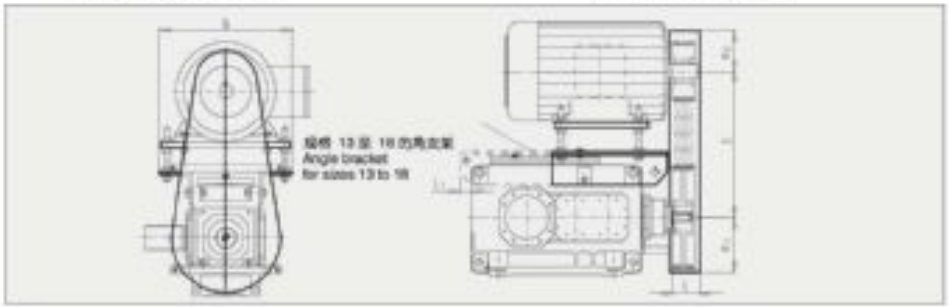


表 4 / Table 4

类型 Type 规格 Size	IEC 电机 IEC motor	i 齿轮箱 i Gear unit	i 皮带传动 i Belt	i 总 i Total	电机轴皮带轮 Motor shaft pulley	皮带数量 No. of belts	b mm	E mm	e_1 mm	e_2 mm	l mm
MTB4.H 5	90 L	280 - 315	1.25 1.4 1.6 1.8	350 - 567	SPZ 80	2	385	430	125	136	70
	100 LB	180 - 315		225 - 567	SPZ 100	2	385	442	125	116	75
	100 LD	125 - 180		158 - 324	SPZ 100	2	385	442	125	116	75
	112 M	100 - 180		125 - 324	SPZ 112	2	385	458	125	102	75
	132 S	80 - 140		100 - 252	SPZ 140	2	385	482	150	123	92
	132 M	80 - 112		100 - 202	SPZ 140	3	385	482	150	123	92
MTB4.H 6	90 L	355 - 400	1.25 1.4 1.6 1.8	444 - 720	SPZ 80	2	385	430	125	136	75
	100 LB	224 - 400		280 - 720	SPZ 100	2	385	442	125	116	75
	100 LD	160 - 315		200 - 567	SPZ 100	2	385	442	125	116	75
	112 M	125 - 250		158 - 450	SPZ 112	2	385	458	125	102	75
	132 S	100 - 180		125 - 324	SPZ 140	2	385	482	150	116	92
	132 M	100 - 140		125 - 252	SPZ 140	3	385	482	150	116	92
MTB4.H 7	100 LB	280 - 315	1.25 1.4 1.6 1.8	350 - 567	SPZ 100	2	322	497	125	116	78
	100 LD	250 - 315		313 - 567	SPZ 100	2	322	497	125	116	78
	112 M	180 - 315		225 - 567	SPZ 112	2	450	513	125	102	78
	132 S	125 - 250		158 - 450	SPZ 140	2	450	530	150	155	120
	132 M	90 - 180		113 - 324	SPZ 140	3	450	530	150	155	120
	160 M	90 - 125		100 - 225	SPZ 180	3	450	552	180	130	120
	160 L	80 - 90		100 - 162	SPA 180	3	450	552	180	130	120
MTB4.H 8	100 LB	355 - 400	1.25 1.4 1.6 1.8	444 - 720	SPZ 100	2	322	497	125	116	78
	100 LD	315 - 400		394 - 720	SPZ 100	2	322	497	125	116	78
	112 M	224 - 400		280 - 720	SPZ 112	2	450	513	125	102	78
	132 S	160 - 315		200 - 567	SPZ 140	2	450	530	150	155	120
	132 M	125 - 224		158 - 403	SPZ 140	2	450	530	150	155	120
	160 M	100 - 180		125 - 288	SPZ 180	3	450	552	180	133	120
	160 L	100 - 126		125 - 226	SPA 180	3	450	552	180	133	120
MTB4.H 9	132 S	224 - 315	1.25 1.4 1.6 1.8	280 - 567	SPZ 140	2	550	572	180	178	120
	132 M	160 - 315		200 - 567	SPZ 140	3	550	572	180	178	120
	160 M	112 - 224		140 - 403	SPZ 180	3	550	615	180	136	120
	160 L	90 - 160		100 - 288	SPA 180	3	550	615	180	139	120
	180 M	90 - 140		100 - 252	SPA 250	3	550	626	250	184	120
	180 L	80 - 112		100 - 202	SPA 250	3	550	626	250	184	120
MTB4.H 10	132 S	280 - 400	1.25 1.4 1.6 1.8	350 - 720	SPZ 140	2	550	572	180	180	120
	132 M	200 - 400		250 - 720	SPZ 140	3	550	572	180	180	120
	160 M	140 - 280		175 - 504	SPZ 180	3	550	615	180	140	120
	160 L	100 - 200		125 - 360	SPA 180	3	550	615	180	140	120
	180 M	100 - 160		125 - 288	SPA 250	3	550	626	250	184	120
	180 L	100 - 140		125 - 252	SPA 250	3	550	626	250	184	120
MTB4.H 11	132 M	280 - 315	1.25 1.4 1.6 1.8	350 - 567	SPZ 140	3	454	644	180	166	120
	160 M	200 - 315		255 - 567	SPZ 180	3	454	668	180	142	120
	160 L	140 - 280		175 - 504	SPA 180	3	454	668	180	142	120
	180 M	112 - 224		140 - 403	SPA 250	3	630	709	275	316	150
	180 L	90 - 200		113 - 360	SPA 250	3	630	709	275	316	150
	200 L	80 - 140		100 - 252	SPB 280	3	630	750	275	275	150
	225 S	80 - 112		100 - 202	SPB 280	3	630	825	275	206	150
	225 M	80 - 90		100 - 162	SPB 280	4	630	825	275	206	150

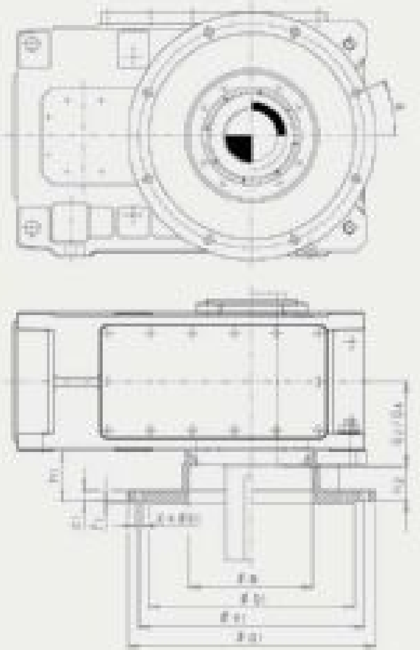
齿轮箱 电机支架 / 卧式安装 类型 MTB4.H / 规格 12-18

Gear Units Motor Brackets / Horizontal Type MTB4.H / Sizes 12-18

类型 Type 规格 Size	IEC 电机 IEC motor	i 齿轮箱 i Gear unit	i 皮带传动 i Belt drive	i 总 i Total	电机轴皮带轮 Motor shaft pulley	皮带数量 No. of belts	b mm	E mm	e_1 mm	e_2 mm	l mm	l_1 mm
MTB4.H 12	132 M	355 - 400	1.25 1.4 1.6 1.8	444 - 720	SPZ 140	3	454	644	180	166	120	-
	160 M	250 - 400		313 - 720	SPZ 180	3	454	668	180	142	120	
	160 L	180 - 355		225 - 639	SPA 180	3	454	668	180	142	120	
	180 M	140 - 280		175 - 504	SPA 250	3	630	709	275	316	150	
	180 L	125 - 224		158 - 403	SPA 250	3	630	709	275	316	150	
	200 L	100 - 160		125 - 288	SPB 280	3	630	750	275	275	150	
	225 S	100 - 140		125 - 252	SPB 280	3	630	825	275	200	150	
	225 M	100 - 112		125 - 202	SPB 280	4	630	825	275	200	150	
MTB4.H 13	160 L	224 - 315	1.25 1.4 1.6 1.8	280 - 567	SPA 180	3	575	764	250	186	125	100
	180 M	180 - 315		225 - 567	SPA 250	3	575	764	250	186	125	
	180 L	160 - 280		200 - 504	SPA 250	3	575	764	250	186	125	
	200 L	112 - 200		140 - 360	SPB 280	3	575	825	275	255	155	
	225 S	90 - 160		113 - 288	SPB 280	3	751	881	275	199	155	
	225 M	80 - 140		100 - 252	SPB 280	4	751	881	275	199	155	
	250 M	80 - 112		100 - 202	SPB 315	4	753	908	305	272	155	
	280 S	80 - 90		100 - 162	SPB 315	5	753	980	305	230	155	
MTB4.H 14	160 L	280 - 400	1.25 1.4 1.6 1.8	350 - 720	SPA 180	3	575	764	250	186	125	120
	180 M	224 - 400		280 - 720	SPA 250	3	575	764	250	186	125	
	180 L	180 - 355		225 - 639	SPA 250	3	575	764	250	186	125	
	200 L	140 - 250		175 - 450	SPB 280	3	575	825	275	255	155	
	225 S	112 - 200		140 - 360	SPB 280	3	751	881	275	199	155	
	225 M	100 - 180		125 - 324	SPB 280	4	751	881	275	199	155	
	250 M	100 - 140		125 - 252	SPB 315	4	753	908	305	272	155	
	280 S	100 - 112		125 - 202	SPB 315	5	753	980	305	230	155	
MTB4.H 15	180 L	250 - 315	1.25 1.4 1.6 1.8	313 - 567	SPA 250	3	650	797	275	283	150	120
	200 L	180 - 315		225 - 567	SPB 280	3	650	881	275	199	150	
	225 S	140 - 315		175 - 567	SPB 280	3	650	923	305	287	155	
	225 M	125 - 250		158 - 450	SPB 280	4	650	923	305	287	155	
	250 M	100 - 200		129 - 360	SPB 315	4	820	908	305	272	155	
	280 S	80 - 140		100 - 252	SPB 315	5	820	980	305	230	155	
	280 M	80 - 125		100 - 225	SPB 315	6	820	980	305	230	155	
	315 S	80 - 100		100 - 180	SPC 355	5	820	1051	340	254	185	
MTB4.H 16	180 L	280 - 355	1.25 1.4 1.6 1.8	350 - 639	SPA 250	3	650	797	275	283	150	120
	200 L	200 - 355		250 - 639	SPB 280	3	650	881	275	199	150	
	225 S	160 - 355		200 - 639	SPB 280	3	650	923	305	287	155	
	225 M	140 - 180		175 - 504	SPB 280	4	650	923	305	287	155	
	250 M	112 - 224		140 - 403	SPB 315	4	820	908	305	272	155	
	280 S	90 - 160		113 - 288	SPB 315	5	820	980	305	230	155	
	280 M	90 - 140		113 - 252	SPB 315	6	820	980	305	230	155	
	315 S	90 - 112		113 - 202	SPC 355	5	820	1051	340	254	185	
MTB4.H 17	200 L	250 - 315	1.25 1.4 1.6 1.8	313 - 567	SPB 280	3	710	1001	275	214	155	120
	225 S	200 - 315		250 - 567	SPB 280	3	710	1001	275	214	155	
	225 M	180 - 315		200 - 567	SPB 280	4	710	1001	275	214	155	
	250 M	140 - 280		175 - 504	SPB 315	4	880	1031	305	284	155	
	280 S	100 - 200		129 - 360	SPB 315	5	880	1081	305	234	155	
	280 M	80 - 160		100 - 288	SPB 315	6	880	1081	305	234	155	
	315 S	80 - 140		100 - 252	SPC 355	5	880	1101	380	294	230	
	315 M	80 - 112		100 - 202	SPC 355	6	880	1101	380	294	230	
MTB4.H 18	200 L	315; 355	1.25 1.4 1.6 1.8	304 - 639	SPB 280	3	710	1001	275	214	155	120
	225 S	250 - 355		313 - 639	SPB 280	3	710	1001	275	214	155	
	225 M	224 - 355		280 - 639	SPB 280	4	710	1001	275	214	155	
	250 M	180 - 315		225 - 567	SPB 315	4	880	1031	305	284	155	
	280 S	125 - 250		158 - 450	SPB 315	5	880	1081	305	234	155	
	280 M	100 - 200		125 - 360	SPB 315	6	880	1081	305	234	155	
	315 S	90 - 180		113 - 288	SPC 355	5	880	1101	380	294	230	
	315 M	90 - 140		113 - 252	SPC 355	6	880	1101	340	254	230	

齿轮箱 安装法兰 - 大空间安装 规格 4 - 12

Gear Units Mounting Flange - Long Spacer Sizes 4-12



说明：

可采用的布置形式参见表 3。
若需带逆止器或润滑泵请咨询。

平行轴（MTH型）齿轮箱且布置形式为 C 或 D，若需带电机安装法兰或冷却风扇请咨询。

Notes:

For possible designs, see table 3.
Combination with backstop or pump on request.

Combination with motor bell housing or fan for MTH-gear units of C and D design on request.

表 1 / Table 1

扭矩系数 f / Torque factor f

MTH2.., MTH3.., MTH4.., MTB3.., MTB4..

系数 Factor	规格 / Size 4	5	6	7	8	9	10	11	12
f	1.1	1.2	1.6	1.2	1.4	1.3	1.5	1.3	1.4

MTB2..

系数 Factor	规格 / Size 4	5	6	7	8	9	10	11	12
f	1.0	1.0	1.3	1.0	1.2	1.1	1.3	1.1	1.2

齿轮箱 安装法兰 - 大空间安装 规格 4 - 12

Gear Units Mounting Flange - Long Spacer Sizes 4-12

表 2 / Table 2

规格 Size 1)	a_1	b_1 f7	c_1	e_1	f_1	h_1	h_2	m_{max}	$z \times s_1$	附加重量 Add. weight	MTH2S.., MTH2D.., MTH2H.., MTH3S.., MTH3D.., MTH3H.., MTH4S.., MTH4D.., MTH4H.., MTB3S.., MTB3D.., MTB3H.., MTB4S.., MTB4D.., MTB4H.. G_2 / G_6	MTB2S.., MTB2H.., MTB2D.. G_2 / G_6
	mm									kg	mm	
4	450	350	24.5	400	5	82.5	50	205	8 x 17.5	40	140	170
5	550	450	25	500	5	90	52.5	245	8 x 17.5	60	165	200
6	550	450	25	500	5	90	52.5	245	8 x 17.5	65	165	200
7	660	550	25	600	5	135	90	290	8 x 22	90	195	235
8	660	550	30	600	5	135	90	315	8 x 22	100	195	235
9	660	550	29	600	6	134	84	325	12 x 22	110	235	270
10	660	550	34	600	6	134	84	355	12 x 26	120	235	270
11	800	680	44	740	6	184	129	420	12 x 26	210	270	320
12	800	680	44	740	6	184	129	435	12 x 26	220	270	320

1) $T_{2max} \leq T_{2N} / f$

1) $T_{2max} \leq T_{2N} / f$

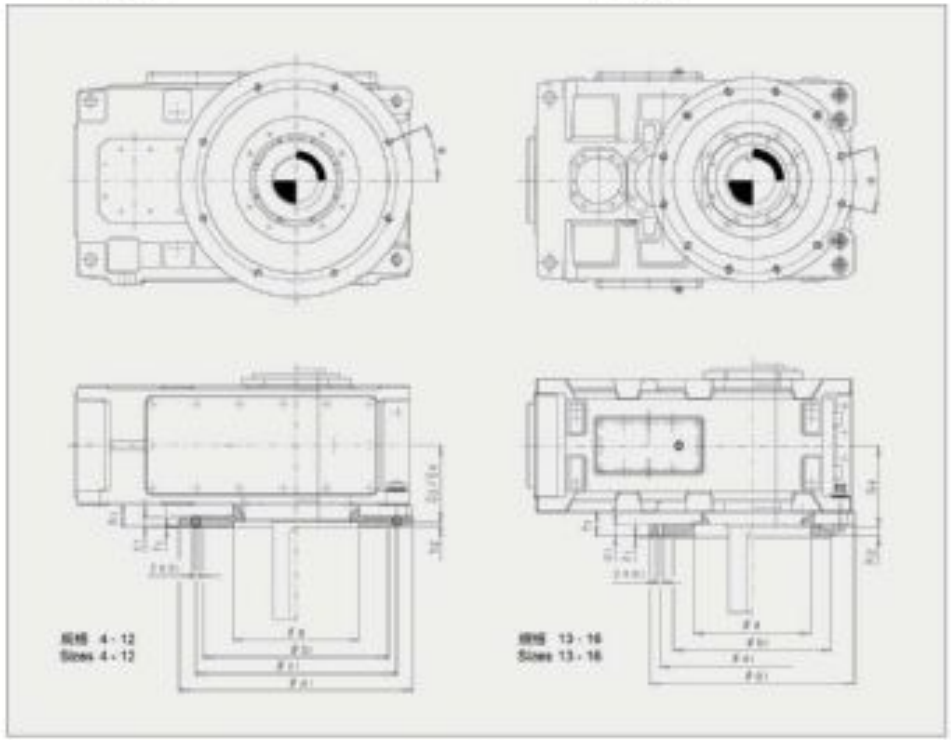
表 3 / Table 3

可采用的类型、规格和布置形式
Possible types, sizes, designs

规格 Size	MTH2.H	MTH2.V	MTH3.H, MTH4.H MTB2.H, MTB3.H, MTB4.H	MTH3.V, MTH4.V MTB2.V, MTB3.V, MTB4.V
4	A + B	B	A + B + C + D	B + C
5				
6				
7				
8				
9				
10	A + B + C + D	B + C		
11	A + B	B		
12	A + B + C + D	B + C		

齿轮箱 安装法兰 - 小空间安装 规格 4 - 16

Gear Units Mounting Flange - Short Spacer Sizes 4-16



说明：

从规格 13 起只能采用安装方式 M，即不带地脚的箱体。

可采用的传置形式参见表 3。

若需带逆止器或泵请查询。

平行轴（M1H型）齿轮箱后传置形式为 C 或 D，若需带电机安装法兰或冷却风扇请查询。

Notes:

From size 13 up, only housings without feet, i.e. mounting position M, are used.

For possible designs, see table 3.

Combination with backstop or pump on request.

Combination with motor bell housing or fan for MTH-gear units of C and D design on request.

表 1 / Table 1

运转系数 f / Torque factor f													
MTH2.., MTH3.., MTH4.., MTB3.., MTB4..													
系数 Factor	规格 / Size												
	4	5	6	7	8	9	10	11	12	13	14	15	16
f	1.1	1.2	1.5	1.2	1.4	1.3	1.5	1.3	1.4	1.4	1.1	1.4	1.2
MTB2..													
系数 Factor	规格 / Size												
	4	5	6	7	8	9	10	11	12	13	14	15	16
f	1.0	1.0	1.2	1.0	1.2	1.1	1.3	1.1	1.2	1.2	1.0	1.2	1.0

齿轮箱 安装法兰 - 小空间安装 规格 4 - 16

Gear Units Mounting Flange - Short Spacer Sizes 4-16

表 2 / Table 2

类型 Type	规格 Size 1)	a_1	b_1 f7	c_1	e_1	f_1	h_1	h_2	m_{max}	$z \times s_1$	附加重量 Add. weight kg	MTH2S,MTH2D,MTH2H, MTH3S,MTH3D,MTH3H, MTH4S,MTH4D,MTH4H, MTB2S,MTB2D,MTB2H, MTB4S,MTB4D,MTB4H: G_2 / G_4 mm	MTB2S, MTB2H, MTB3D: G_2 / G_4 mm
		mm											
..S, ..D., ..H.	4	440	340	25	400	5	55	22.5	205	8 x M16	35	140	170
	5	565	430	25	515	5	60	22.5	245	8 x M16	55	165	200
	6	565	430	25	515	5	60	22.5	245	8 x M16	55	165	200
	7	670	530	25	620	5	60	15	295	8 x M20	80	195	235
	8	670	530	40	620	5	80	35	300	8 x M20	110	195	235
	9	670	530	35	620	5	80	30	320	12 x M30	105	235	270
	10	730	560	35	680	5	80	30	355	12 x M24	125	235	270
	11	730	560	40	680	5	90	35	400	12 x M24	145	270	320
	12	730	560	40	680	5	90	35	420	12 x M24	155	270	320
..S.	13	840	650	50	760	5	100	37.5	450	12 x M30	245	335	390
..D., ..H.											240		–
..S.	14	840	650	50	760	5	100	37.5	480	12 x M30	255	335	390
..D., ..H.											245		390
..S.	15	960	750	50	880	5	100	30	530	16 x M30	315	380	460
..D., ..H.											305		–
..S.	16	960	750	50	880	5	100	30	540	16 x M30	320	380	460
..D., ..H.											315		450

1) $T_{2max} \approx T_{2N} / f$

1) $T_{2max} \approx T_{2N} / f$

表 3 / Table 3

可采用的类型、规格和传置形式 / Possible types, sizes, designs				
规格 Size	MTH2SH,MTH2HH,MTH2DH	MTH2.V	MTH2SH,MTH4SH,MTB2SH,MTB3SH,MTB4SH MTH2HH,MTH4HH,MTB2HH,MTB3HH,MTB4HH MTH2DH,MTH4DH,MTB2DH,MTB3DH,MTB4DH	MTH2.V, MTH4.V MTB2.V, MTB3.V, MTB4.V
4	A + B	B	A + B + C + D	B + C
5				
6				
7				
8				
9				
10	A + B + C + D	B + C		
11	A + B	B		
12	A + B + C + D	B + C		
13	A + B	B	A + B + C + D	B + C
14	A + B + C + D	B + C		
15 2)				
16 2)				

2) 类型 MTB2.., 规格 15 + 16 不能采用传置形式 A 或 C!

2) Design A or C not possible for type MTB2... sizes 15 + 16 !

Z SERIES

BEVEL GEAR REDUCTOR

Z系列 弧齿锥齿轮减速机

7.1 Z系列减速机介绍 Z Series Reducer Introduction

1) 概述

1. Z系列弧齿锥齿轮减速机是一级弧齿锥齿轮传动箱，传动比有1、1.5、2、2.5、3。
2. 传动效率高，单机型减速机效率高达96%。
3. 有单横轴、单纵轴、双纵轴可选。

1) Summarize

1. Z series bevel helical gear reductor is the first stage gear case with transmission ratio of 1,1.5,2,2.5 and 3.
2. High transmission efficiency. A single machine can reach a transmission efficiency as much as 96%.
3. There are single transverse shaft, single longitude shaft and double longitude shafts for select.

2) 场所条件

1. 环境温度-40℃~50℃（0℃以下启动时润滑油要加热到0℃以上）。
2. 海拔不超过1000米。
3. 输入转速不大于1800rpm,齿轮最高圆周速度不超过22m/s。
4. 可用于正反运转。
5. 无行业限制。
6. 其他条件下使用请与我公司技术部联系。

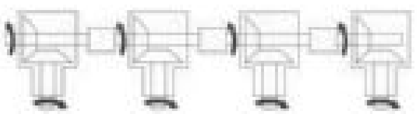
2) Working Environment

1. Working temperature: -40°C ~ 50°C (The lubrication should be heated until above 0°C if the machine works Below 0°C.)
2. The working place should be lower than 1,000 meters above sea level.
3. The input rotational speed should not exceed 1，800rpm.The circumferential speed of the gear should not exceed 22m/s.
4. Suitable for normal-reverse rotation.
5. Without industry limitation.
6. Please consult our technical supporting department for other circumstances.

3）应用实例

3）Application example

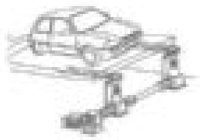
并排传递 Transmission in line



立体车库 Tridimensional carbarn

1台减速机左右输出，换向转向后，同时升降
One reducer output left and right,after rotation, ascend and descend simultaneously

带动左右链轮，使链轮同步运转

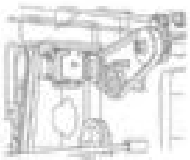


1台减速机驱动左右链轮同步运转
One reducer drive rightand left chain wheel and rotate at the same speed

游戏机 Play machine

纵横输入，2根横轴反向运转
Vertical and horizontal input,2 horizontal axis reverse operation

包装机 Packing machine



4）选型指南

1. 选型时无根据需要的输出扭矩，即要传递的扭矩M2(Nm),计算出输入功率P_1 (kW)：

$$P_1 = \frac{M_2 \times N_1}{9550 \times i \times \eta}$$

N_1 — 输入转速（r/min）

η — 传动效率（一般为0.98）

2. 确定合适的使用系数fa

fa=f1 x f2 x f3

f1:工作机器在工况的使用系数（P006页，表1)

f2:启动系数（根据每小时启动次数参照P006页，表2)

f3:环境温度系数（P006页，表3)

$P_N > fa \times P_1$

按实际输入功率P_N根据"性能参数表"选择合适的规格

4) Instructions for Selection

1. According the required output torque, namely the torque M2(Nm), to check out the output power rating P(kW):

$$P1 = \frac{M2 \times N1}{9550 \times i \times \eta}$$

N1 — Input speed(r/min) (r/min)

η — Transmission efficiency(0.98 as usual)

2. Determine the proper driven machine factor fa

fa=f1 x f2 x f3

f1: minimum working condition coefficient of working machine (Table 1 on Page P006)

f2: starting coefficient (refer to Table 2 on Page P006 according to starting times per hour)

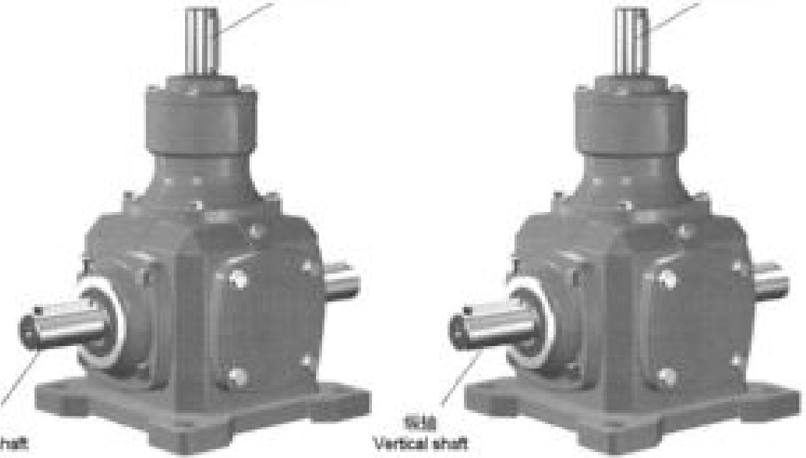
f3: Ambient temperature coefficient (Table 3 on Page P006) $P_N > fa \times P_1$

According the actual input input power rating P_N to select the proper size from the "performance value table".

7.2 Z系列型号表示法 Model expression way of Z series

示例1 Z 9-1.5 - 1-UD -B3

- 安装形式（见P434-P435页的表注例如B3的位置）
  Mounting position
- 轴配置（见P434-P435页的表注例如1-LR的位置）
  Design of shaft
- 传动比（见P436页）
  Ratio
- 机型号（见P436页）
  Model
- Z系列螺旋锥齿轮减速机
  Z series helical bevel gear reductor



注：当横轴输入时，Z系列螺旋锥齿轮减速机为减速。
当竖轴输入时，Z系列螺旋锥齿轮减速机为增速。

Note: Z series bevel helical gear reductor is deceleration when inputting horizontal shaft.
Z series bevel helical gear reductor is acceleration,when inputting vetical shaft.

7.3 Z系列输入功率及许用扭矩 Input power and permissible torque of Z series

规格 Size	Z2	Z4	Z6	Z7	Z8	Z10	Z12	Z16	Z20	Z25
结构形式 Structure	1-LR(O)、1-UD(O)、U-LR(O)、D-LR(O)、1-1-LR(O)、1-1-UD(O)、U-D-LR(O)									
输入功率(kw) Input power rating	0.015 ~1.79	0.026 ~4.94	0.037 ~14.9	0.042 ~22	0.064 ~45.6	0.11 ~65.3	0.168 ~96	0.49 ~163	0.69 ~234	1.4 ~335
传动比 Ratio	1~2	1~2	1~3	1~3	1~3	1~3	1~3	1~3	1~3	1~3
许用扭矩(N·m) Allowable Torque	11	31	94	139	199	268	607	1873	1943	3677

7.4 Z系列减速机重量表 Weight form of Z series speed reducer

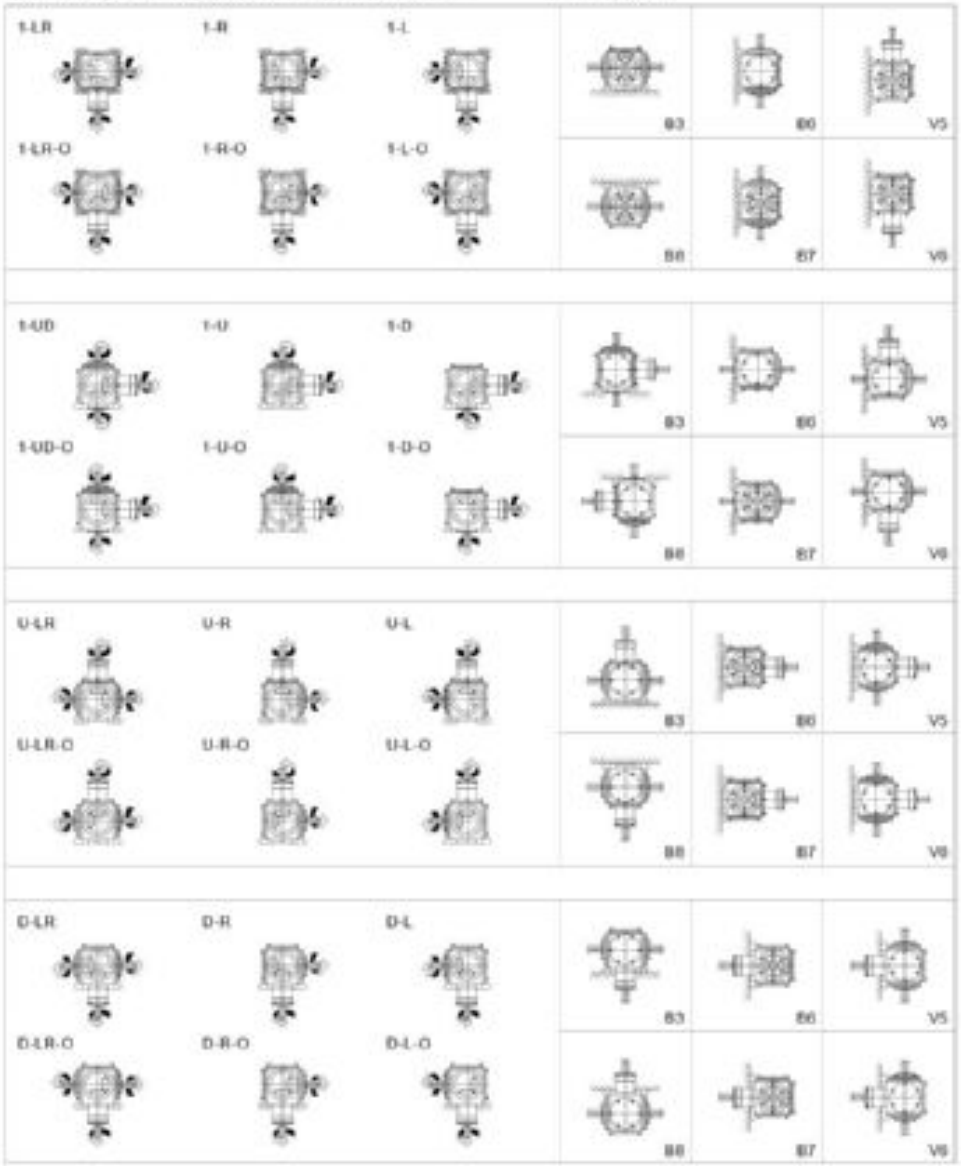
规格 Size	Z2	Z4	Z6	Z7	Z8	Z10	Z12	Z16	Z20	Z25
重量 (Kg)Weight	2	16	21	32	49	78	124	188	297	488

标注重量为平均值，仅供参考 The weights are mean values,only for reference.

7.5 Z系列轴配置及安装形式图 Shaft allocation and installation form of Z series

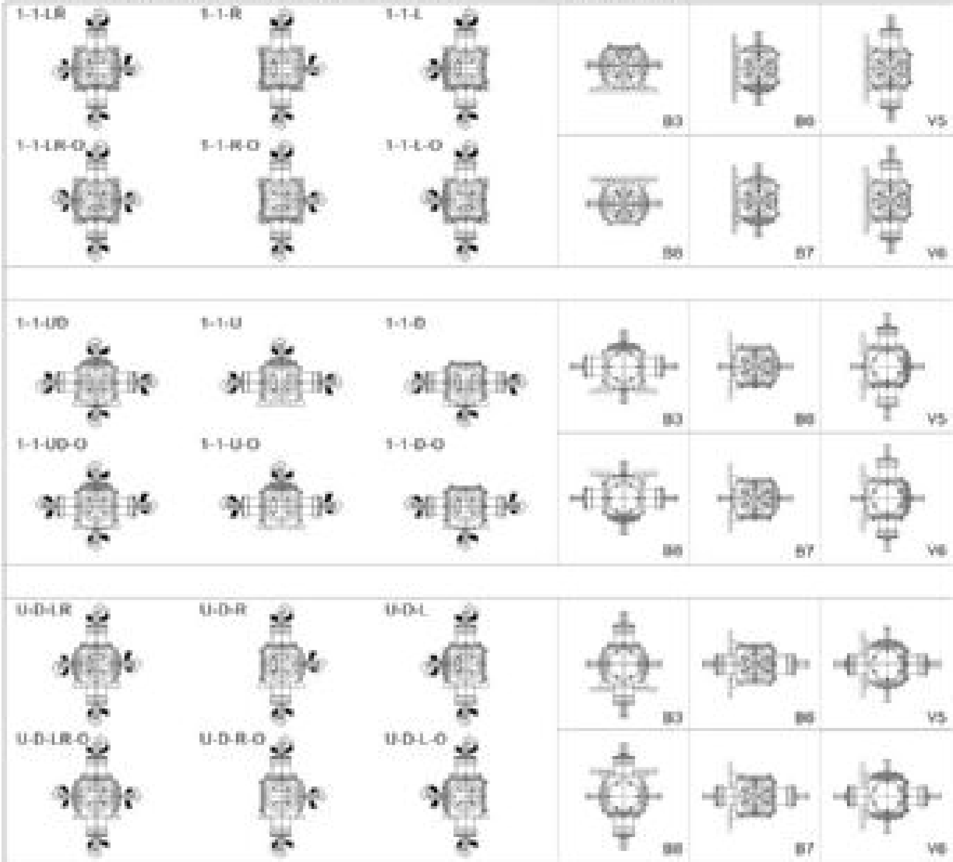
轴配置及旋转方向的关系 The relationship between configuration of shaft and direction of shaft

安装形式图 Mounting position



轴配置及旋转方向的关系
The relationship between configuration of shaft and direction of shaft

安装形式图
Mounting position



7.6 Z系列选型参数表 Model selection parameter of Z series

速比 Ratio	输入转速 Input speed r/min	输出转速 Output speed r/min	许用功率/Permissible power (kW)									
			Z2	Z4	Z6	Z7	Z8	Z10	Z12	Z16	Z20	Z26
1:1	1450	1450	1.79	4.94	14.9	22	45.6	65.3	96	163		
	1150	1150	1.43	4.19	12.7	18.4	37.5	55.7	81.1	139	234	
	870	870	1.12	3.46	10.5	15.2	29	44.6	67.5	114	193	335
	580	580	0.747	2.45	7.35	11.4	19.6	30.6	49.7	85.9	145	252
	400	400	0.524	1.72	5.2	8.34	14	21.5	35.1	66.1	112	195
	300	300	0.398	1.3	3.93	6.35	10.6	16.4	26.8	54.1	90.8	159
	200	200	0.266	0.88	2.66	4.3	7.23	11.1	18.2	39.3	69	119
	100	100	0.136	0.448	1.36	2.2	3.7	5.72	9.36	20.3	35.3	60
	10	10	0.014	0.046	0.141	0.228	0.366	0.599	0.983	2.14	3.53	6.3
1.5:1	1450	967			12.1	15	19.1	36.7	58.3			
	1150	767			9.98	12	15.4	31.2	49.2			
	870	580			7.68	9.3	11.8	24.1	40.7			
	580	387			5.23	6.32	8.14	16.4	28.9			
	400	267			3.66	4.41	5.7	11.6	20.3			
	300	200			2.77	3.35	4.34	8.78	15.5			
	200	133			1.87	2.26	2.91	5.95	10.5			
	100	67			0.957	1.16	1.49	3.04	5.37			
	10	7			0.099	0.12	0.155	0.316	0.56			
2:1	1450	725	0.94	3.32	7.8	10.6	14	23.6	40	73.7	128	
	1150	575	1.74	2.67	6.39	8.55	11.3	19	31.7	59.5	102	119
	870	435	0.56	2.04	4.88	6.56	8.7	14.6	24	46	79	155
	580	290	0.37	1.38	3.34	4.47	5.92	10	16.3	31.3	54.2	107
	400	200	0.26	0.96	2.33	3.12	4.15	7.02	11.5	22	38	75.4
	300	150	0.19	0.73	1.76	2.37	3.14	5.33	8.71	16.7	29	57.5
	200	100	0.13	0.49	1.18	1.59	2.12	3.61	5.89	11.3	19.7	39.2
	100	50	0.06	0.3	0.606	0.812	1.08	1.84	3.01	5.84	10.1	20.1
	10	5	0.015	0.026	0.062	0.084	0.112	0.191	0.313	0.605	1.06	2.11
2.5:1	1450	580			5.97	6.99	11.4	18.2	31.4			
	1150	460			4.78	5.64	9.11	14.7	25.3			
	870	348			3.68	4.3	7	11.2	19.5			
	580	232			2.49	2.92	4.76	7.60	13.3			
	400	160			1.73	2.05	3.34	5.38	9.32			
	300	120			1.32	1.55	2.53	4.06	7.08			
	200	80			0.888	1.05	1.71	2.75	4.79			
	100	40			0.446	0.528	0.867	1.4	2.43			
	10	4			0.046	0.054	0.089	0.144	0.251			
3:1	1450	483			4.84	5.42	8.2	14	23.6	46.2	82.3	158
	1150	383			3.88	4.34	6.55	11.3	19	36.9	66.6	130
	870	290			2.97	3.34	5.04	8.66	14.6	38.1	51.6	101
	580	193			2.02	2.25	3.42	5.89	9.92	20.4	35.4	69.9
	400	133			1.41	1.58	2.39	4.11	6.98	14.4	24.8	49.3
	300	100			1.07	1.16	1.8	3.11	5.29	10.9	18.9	37.3
	200	67			0.712	0.893	1.22	2.1	3.57	7.38	12.9	25.6
	100	33			0.363	0.499	0.618	1.07	1.82	3.82	6.6	13.1
	10	3			0.037	0.042	0.064	0.11	0.188	0.40	0.69	1.4

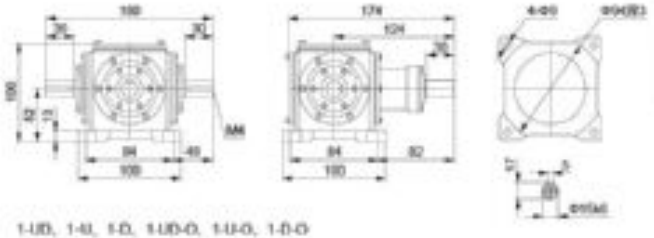
注：1.[illegible]
2.[illegible]
3.[illegible]
4.[illegible]

Note: 1.Use insert if without speed.
2.Please consult us,when the speed of horizontal shaft is more than 1450r/min.
3.Please refer to the parameter of 10r/min in the table when the speed of horizontal shaft is less than 10r/min.
4.All of the service factor is 1.0 in this table.

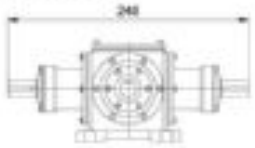
7.7 Z系列安装尺寸图 Installation size figure of Z series

Z2安装尺寸图
Installation dimensions example

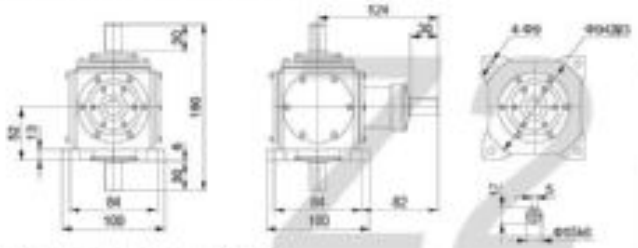
1-LR, 1-R, 1-L, 1-LR-O, 1-R-O, 1-L-O



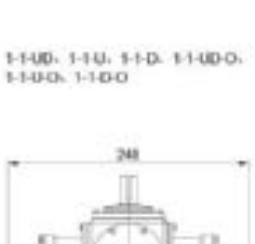
1-1-LR, 1-1-R, 1-1-L, 1-1-LR-O, 1-1-R-O, 1-1-L-O



1-UD, 1-U, 1-D, 1-UD-O, 1-U-O, 1-D-O



1-1-UD, 1-1-U, 1-1-D, 1-1-UD-O, 1-1-U-O, 1-1-D-O

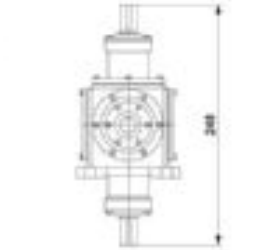


U-LR, U-R, U-L, U-LR-O, U-R-O, U-L-O

U-1-LR, U-1-R, U-1-L, U-1-LR-O, U-1-R-O, U-1-L-O

D-LR, D-R, D-L, D-LR-O, D-R-O, D-L-O

D-1-LR, D-1-R, D-1-L, D-1-LR-O, D-1-R-O, D-1-L-O

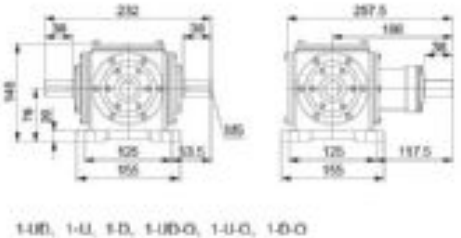


注：1.以上壳体为通用件,安装尺寸均可相互参照.

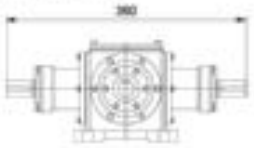
Note：1.The above housings are common parts,the mounting dimensions may consult each other.

Z4安装尺寸图
Installation dimensions example

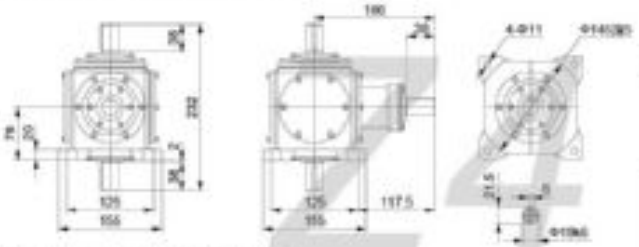
1-LR, 1-R, 1-L, 1-LR-O, 1-R-O, 1-L-O



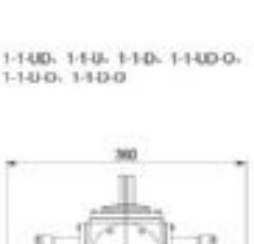
1-1-LR, 1-1-R, 1-1-L, 1-1-LR-O, 1-1-R-O, 1-1-L-O



1-UD, 1-U, 1-D, 1-UD-O, 1-U-O, 1-D-O



1-1-UD, 1-1-U, 1-1-D, 1-1-UD-O, 1-1-U-O, 1-1-D-O



U-LR, U-R, U-L, U-LR-O, U-R-O, U-L-O

U-1-LR, U-1-R, U-1-L, U-1-LR-O, U-1-R-O, U-1-L-O

D-LR, D-R, D-L, D-LR-O, D-R-O, D-L-O

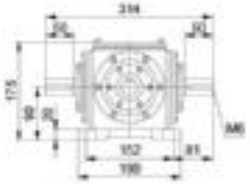
D-1-LR, D-1-R, D-1-L, D-1-LR-O, D-1-R-O, D-1-L-O

注：1.以上壳体为通用件,安装尺寸均可相互参照.

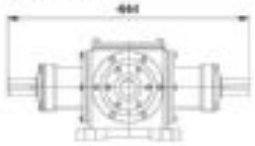
Note：1.The above housings are common parts,the mounting dimensions may consult each other.

Z6安装尺寸图
Installation dimensions example

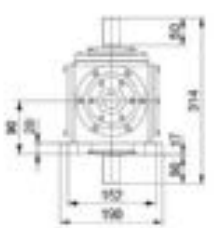
1-LR、1-RL、1-L、1-LR-O、1-R-O、1-L-O



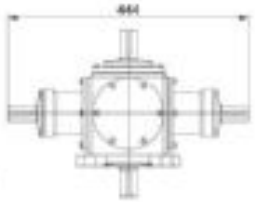
1-1-LR、1-1-R、1-1-L、1-1-LR-O、1-1-R-O、1-1-L-O



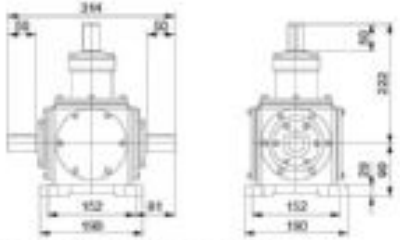
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



1-1-UD、1-1-U、1-1-D、1-1-UD-O、1-1-U-O、1-1-D-O

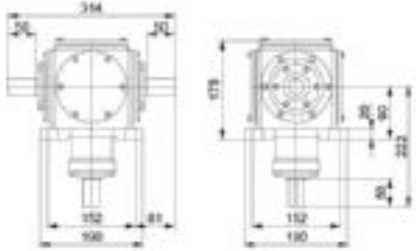


U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



U-D-LR、U-D-R、U-D-L、U-D-LR-O、U-D-R-O、U-D-L-O

D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O

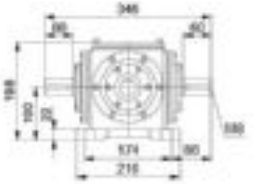


注：1.以上壳体为通用件,安装尺寸可相互协调。

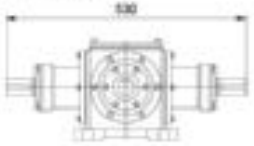
Note：1.The above housings are common parts,the mounting dimensions may consult each other.

Z7安装尺寸图
Installation dimensions example

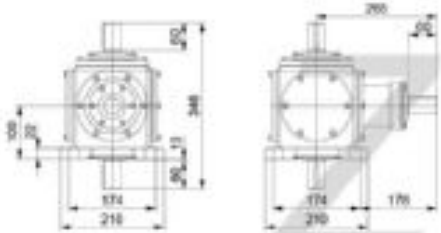
1-LR、1-R、1-L、1-LR-O、1-R-O、1-L-O



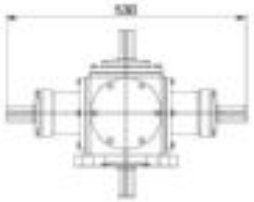
1-1-LR、1-1-R、1-1-L、1-1-LR-O、1-1-R-O、1-1-L-O



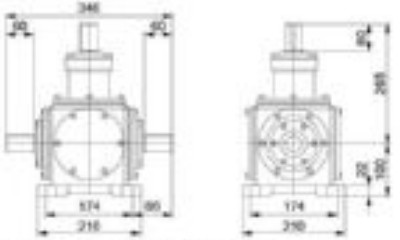
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



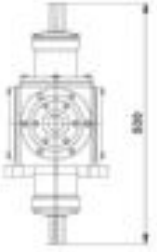
1-1-UD、1-1-U、1-1-D、1-1-UD-O、1-1-U-O、1-1-D-O



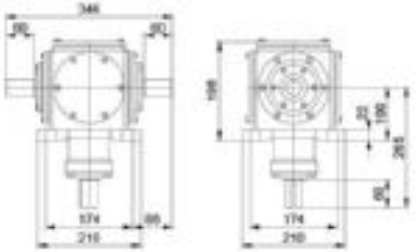
U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



U-D-LR、U-D-R、U-D-L、U-D-LR-O、U-D-R-O、U-D-L-O



D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O

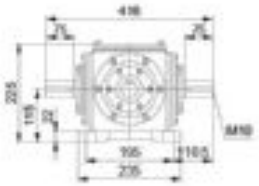


注：1.以上壳体为通用件,安装尺寸可相互协调。

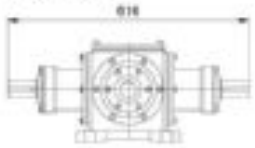
Note：1.The above housings are common parts,the mounting dimensions may consult each other.

Z8安装尺寸图
Installation dimensions example

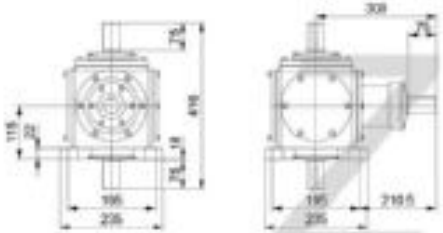
1-LR、1-RI、1-L、1-LR-O、1-RI-O、1-L-O



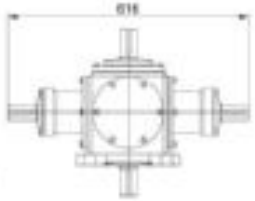
1-1-LR、1-1-RI、1-1-L、1-1-LR-O、1-1-RI-O、1-1-L-O



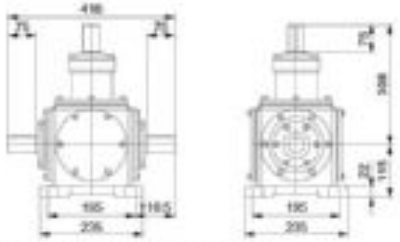
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



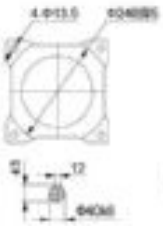
1-1-UD、1-1-U、1-1-D、1-1-UD-O、1-1-U-O、1-1-D-O



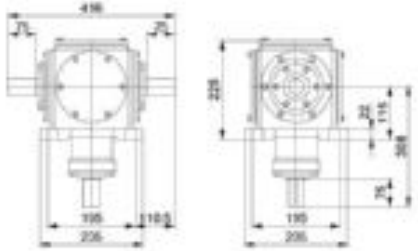
U-LR、U-RI、U-L、U-LR-O、U-RI-O、U-L-O

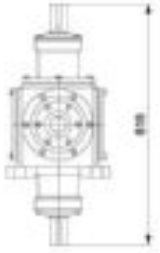


U-D-LR、U-D-RI、U-D-L、U-D-LR-O、U-D-RI-O、U-D-L-O



D-LR、D-RI、D-L、D-LR-O、D-RI-O、D-L-O





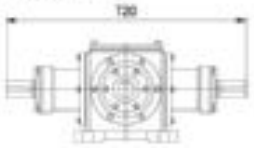
注：1.以上壳体为通用件,安装尺寸可相互参照.

Note：1.The above housings are common parts,the mounting dimensions may consult each other.

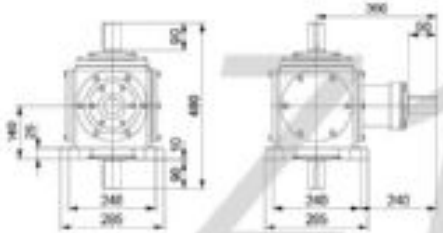
Z10安装尺寸图
Installation dimensions example

1-LR、1-RI、1-L、1-LR-O、1-RI-O、1-L-O

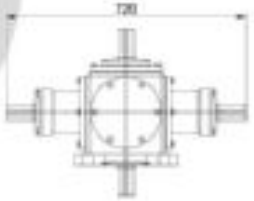
1-1-LR、1-1-RI、1-1-L、1-1-LR-O、1-1-RI-O、1-1-L-O



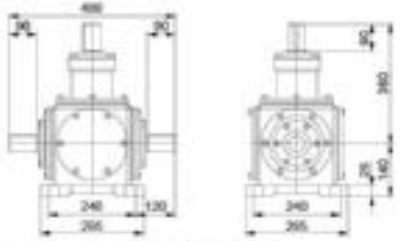
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



1-1-UD、1-1-U、1-1-D、1-1-UD-O、1-1-U-O、1-1-D-O

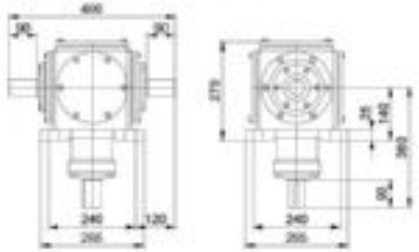


U-LR、U-RI、U-L、U-LR-O、U-RI-O、U-L-O



U-D-LR、U-D-RI、U-D-L、U-D-LR-O、U-D-RI-O、U-D-L-O

D-LR、D-RI、D-L、D-LR-O、D-RI-O、D-L-O

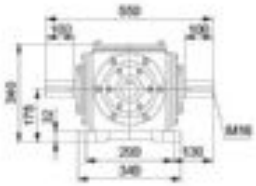


注：1.以上壳体为通用件,安装尺寸可相互参照.

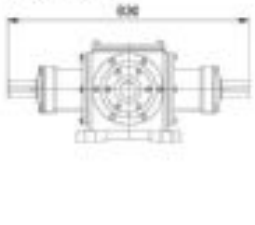
Note：1.The above housings are common parts,the mounting dimensions may consult each other.

Z12安装尺寸图
Installation dimensions example

1-LR, 1-R, 1-L, 1-LR-O, 1-R-O, 1-L-O

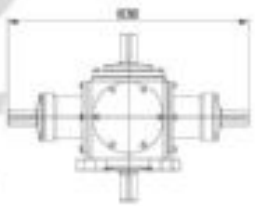


1-1-LR, 1-1-R, 1-1-L, 1-1-LR-O, 1-1-R-O, 1-1-L-O

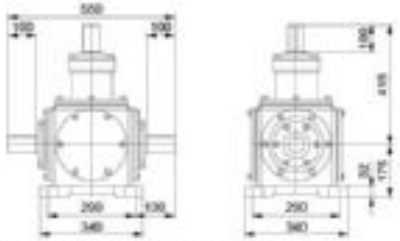


1-UD, 1-U, 1-D, 1-UD-O, 1-U-O, 1-D-O

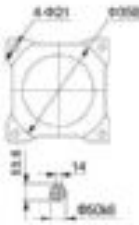
1-1-UD, 1-1-U, 1-1-D, 1-1-UD-O, 1-1-U-O, 1-1-D-O



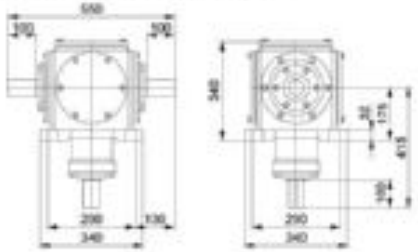
U-LR, U-R, U-L, U-LR-O, U-R-O, U-L-O

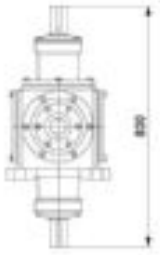


U-D-LR, U-D-R, U-D-L, U-D-LR-O, U-D-R-O, U-D-L-O



D-LR, D-R, D-L, D-LR-O, D-R-O, D-L-O





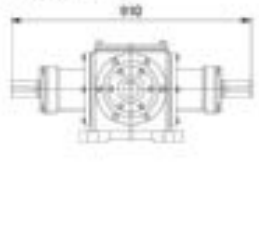
注：1.以上壳体为通用件,安装尺寸可相互参照.

Note：1.The above housings are common parts,the mounting dimensions may consult each other.

Z16安装尺寸图
Installation dimensions example

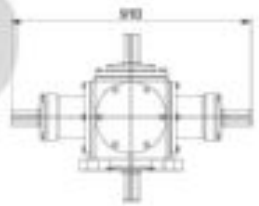
1-LR, 1-R, 1-L, 1-LR-O, 1-R-O, 1-L-O

1-1-LR, 1-1-R, 1-1-L, 1-1-LR-O, 1-1-R-O, 1-1-L-O

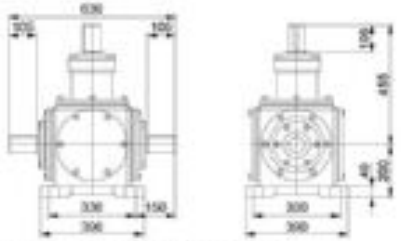


1-UD, 1-U, 1-D, 1-UD-O, 1-U-O, 1-D-O

1-1-UD, 1-1-U, 1-1-D, 1-1-UD-O, 1-1-U-O, 1-1-D-O

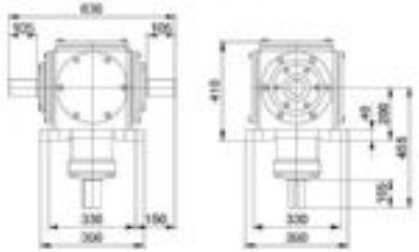


U-LR, U-R, U-L, U-LR-O, U-R-O, U-L-O



U-D-LR, U-D-R, U-D-L, U-D-LR-O, U-D-R-O, U-D-L-O

D-LR, D-R, D-L, D-LR-O, D-R-O, D-L-O

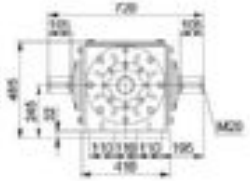


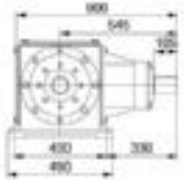
注：1.以上壳体为通用件,安装尺寸可相互参照.

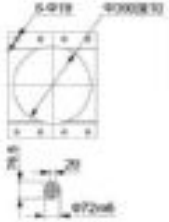
Note：1.The above housings are common parts,the mounting dimensions may consult each other.

Z20安装尺寸图
Installation dimensions example

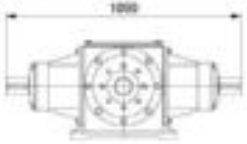
1-LR, 1-R, 1-L, 1-LR-O, 1-R-O, 1-L-O



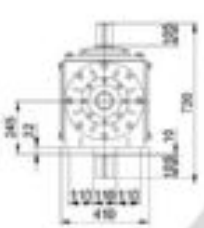


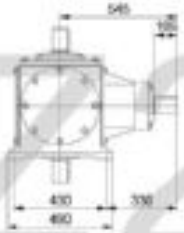


1-1-LR, 1-1-R, 1-1-L, 1-1-LR-O, 1-1-R-O, 1-1-L-O

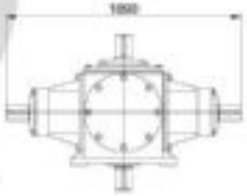


1-UD, 1-U, 1-D, 1-UD-O, 1-U-O, 1-D-O

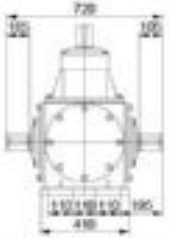


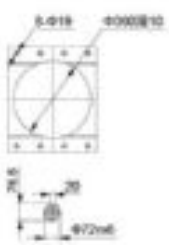


1-1-UD, 1-1-U, 1-1-D, 1-1-UD-O, 1-1-U-O, 1-1-D-O



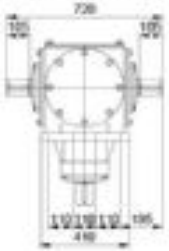
U-LR, U-R, U-L, U-LR-O, U-R-O, U-L-O

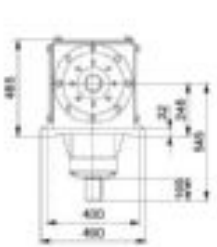


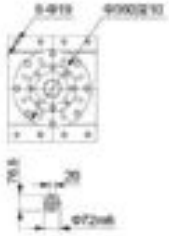


U-D-LR, U-D-R, U-D-L, U-D-LR-O, U-D-R-O, U-D-L-O

D-LR, D-R, D-L, D-LR-O, D-R-O, D-L-O





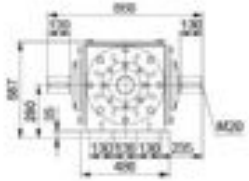


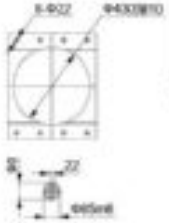
注：1.以上壳体为通用件,安装尺寸可相互配装参照.

Note：1.The above housings are common parts,the mounting dimensions may consult each other.

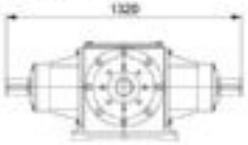
Z25安装尺寸图
Installation dimensions example

1-LR, 1-R, 1-L, 1-LR-O, 1-R-O, 1-L-O

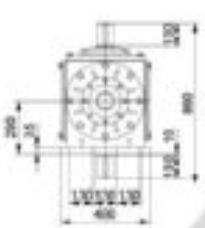


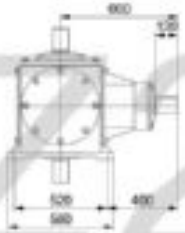


1-1-LR, 1-1-R, 1-1-L, 1-1-LR-O, 1-1-R-O, 1-1-L-O

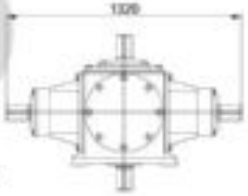


1-UD, 1-U, 1-D, 1-UD-O, 1-U-O, 1-D-O

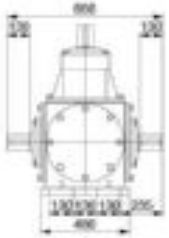


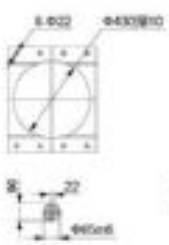


1-1-UD, 1-1-U, 1-1-D, 1-1-UD-O, 1-1-U-O, 1-1-D-O



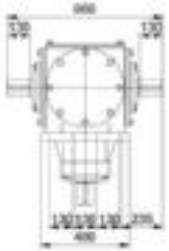
U-LR, U-R, U-L, U-LR-O, U-R-O, U-L-O

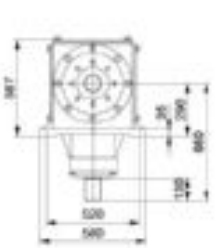


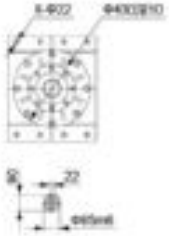


U-D-LR, U-D-R, U-D-L, U-D-LR-O, U-D-R-O, U-D-L-O

D-LR, D-R, D-L, D-LR-O, D-R-O, D-L-O



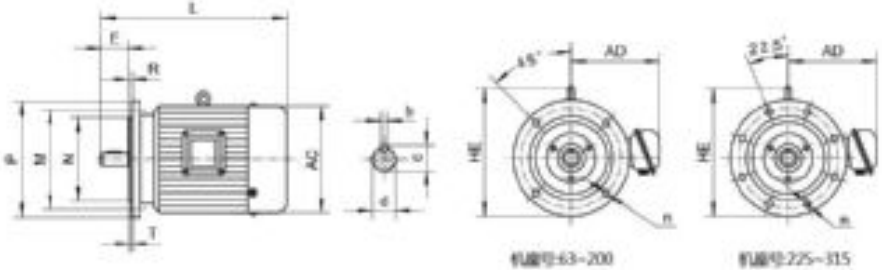




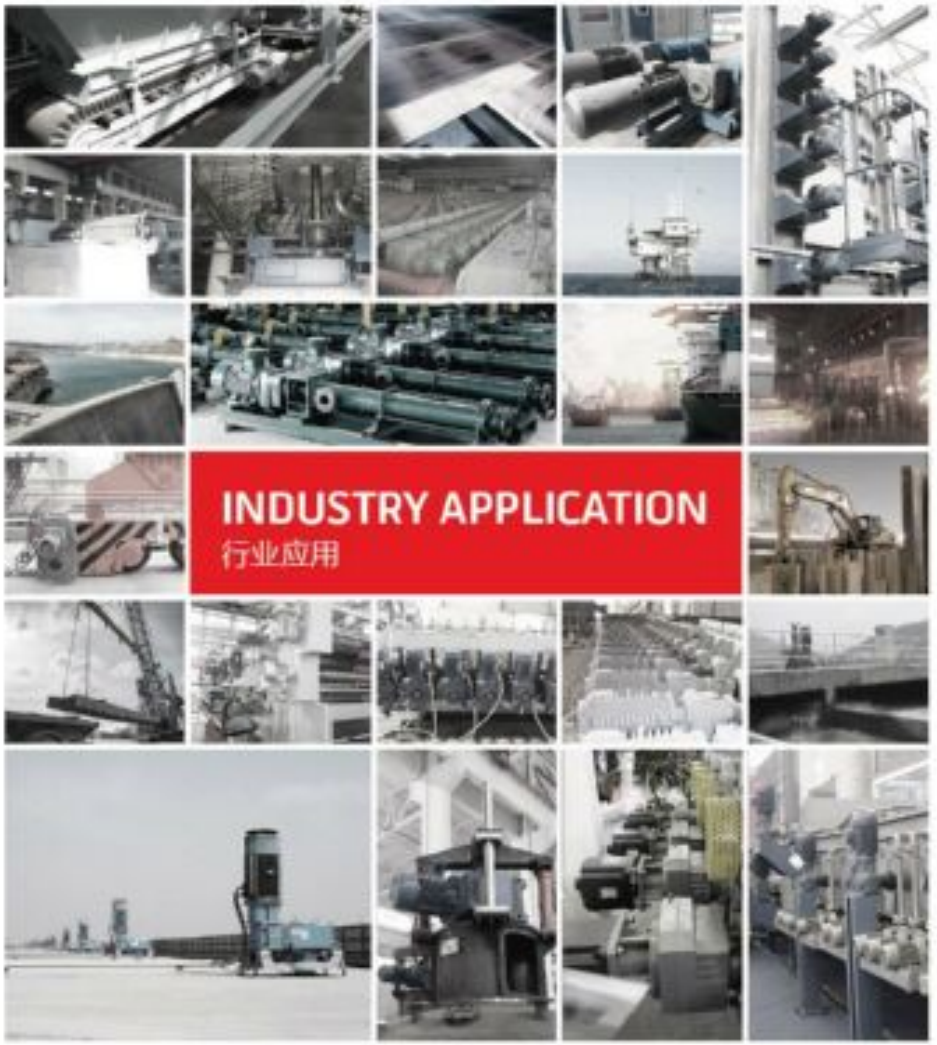
注：1.以上壳体为通用件,安装尺寸可相互配装参照.

Note：1.The above housings are common parts,the mounting dimensions may consult each other.

Y系列三相异步电动机外形及安装尺寸
Dimension sheets for Y series three-phase induction motors



机座机座 Frame size	尺寸 dimensions (mm)																				4P 电机 motors		
	M	N	P	R	s	T	d		E		b		c		AC	AD	L		HE		功率 power kw	重量 weight kg	转动惯量 Mass moments of inertia kgm²
							2P	4P 6P 8P	2P	4P 6P 8P	2P	4P 6P 8P	2P	4P 6P 8P			2P	4P 6P 8P					
63	115	95j6	140	0	4x9/10	3	11j6		23		4		8.5		130	70	230		130		0.18	7.7	0.00048
71	130	110j6	160	0	4x9/10	3.5	14j6		30		5		11		145	80	255		145		0.25	11	0.00053
																					0.37	11	0.00066
80	165	130j6	200	0	4x9/12	3.5	19j6		40		6		15.5		175	145	295		165		0.55	16	0.00145
																					0.75	17	0.00174
90S	165	130j6	200	0	4x9/12	3.5	24j6		50		8		20		195	155	320		165		1.1	21	0.00254
90L	165	130j6	200	0	4x9/12	3.5	24j6		50		8		20		195	155	345		165		1.5	25	0.00317
100L	215	180j6	250	0	4x9/15	4	28j6		60		8		24		215	180	385		245		2.2	32	0.00679
																					3	36	0.00862
112M	215	180j6	250	0	4x9/15	4	28j6		60		8		24		240	190	400		265		4	45	0.01300
132S	265	230j6	300	0	4x9/15	4	38j6		80		10		33		275	210	470		315		5.5	68	0.02673
132M	265	230j6	300	0	4x9/15	4	38j6		80		10		33		275	210	510		315		7.5	73	0.03432
160M	300	250j6	350	0	4x9/19	5	42k6		110		12		37		330	255	615		385		11	116	0.06543
160L	300	250j6	350	0	4x9/19	5	42k6		110		12		37		330	255	670		430		15	137	0.09349
180M	300	250j6	350	0	4x9/19	5	48k6		110		14		42.5		380	280	700		430		18.5	170	0.16849
180L	300	250j6	350	0	4x9/19	5	48k6		110		14		42.5		380	280	740		430		22	186	0.18248
200L	350	300j6	400	0	4x9/19	5	55m6		110		16		49		420	305	770		480		30	254	0.2619
225S	400	350j6	450	0	8x9/19	5	-	60m6	-	140	-	58	-	53	470	335	-	815	535		37	308	0.37
225M	400	350j6	450	0	8x9/19	5	55m6	60m6	110	140	18	58	49	53	470	335	829	845	535		45	335	0.42
250M★	500	450j6	550	0	8x9/19	5	60m6	65m6	140	140	18	58	53	58	510	370	910		585		55	458	0.78
280S★	500	450j6	550	0	8x9/19	5	65m6	75m6	140	140	18	20	58	67.5	580	410	985		650		75	534	1.10
280M★	500	450j6	550	0	8x9/19	5	65m6	75m6	140	140	18	20	58	67.5	580	410	1035		650		90	592	1.35
315S★	600	550j6	660	0	8x9/24	6	65m6	80m6	140	170	18	22	58	71	645	535	1100	1270	845		110	930	2.8598
315M★	600	550j6	660	0	8x9/24	6	65m6	80m6	140	170	18	22	58	71	645	535	1100	1300	845		132	1030	3.1848
315L ★	600	550j6	660	0	8x9/24	6	65m6	80m6	140	170	18	22	58	71	645	535	1190	1300	845		160	1050	3.6765



ABOUT VISION
公司未来

面对未来,天海充满信心，
饱含激情！

TANHON has confidence in ftuture,
TANHON fills with the passion!