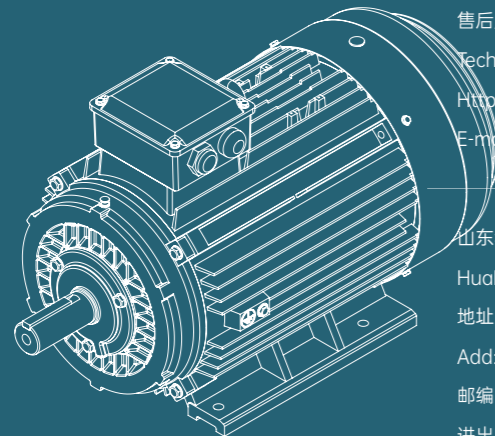
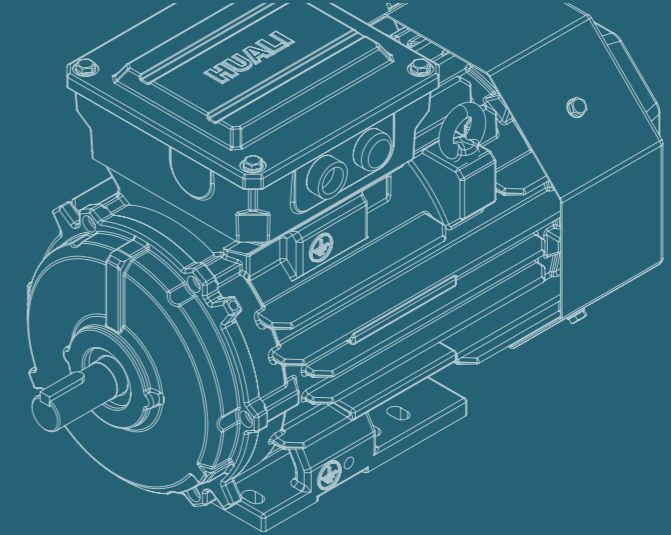
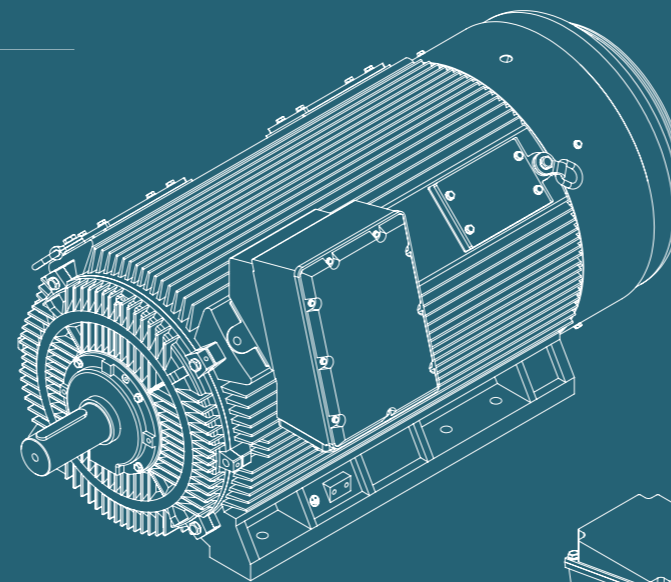
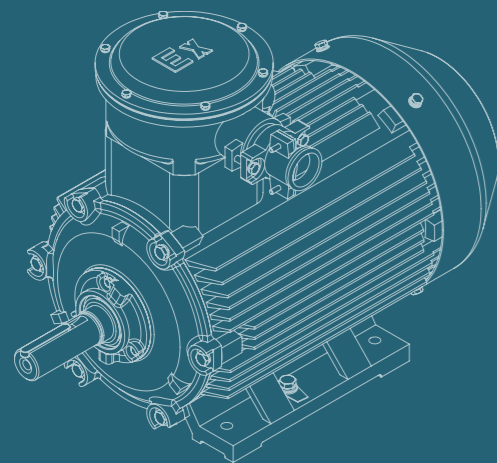
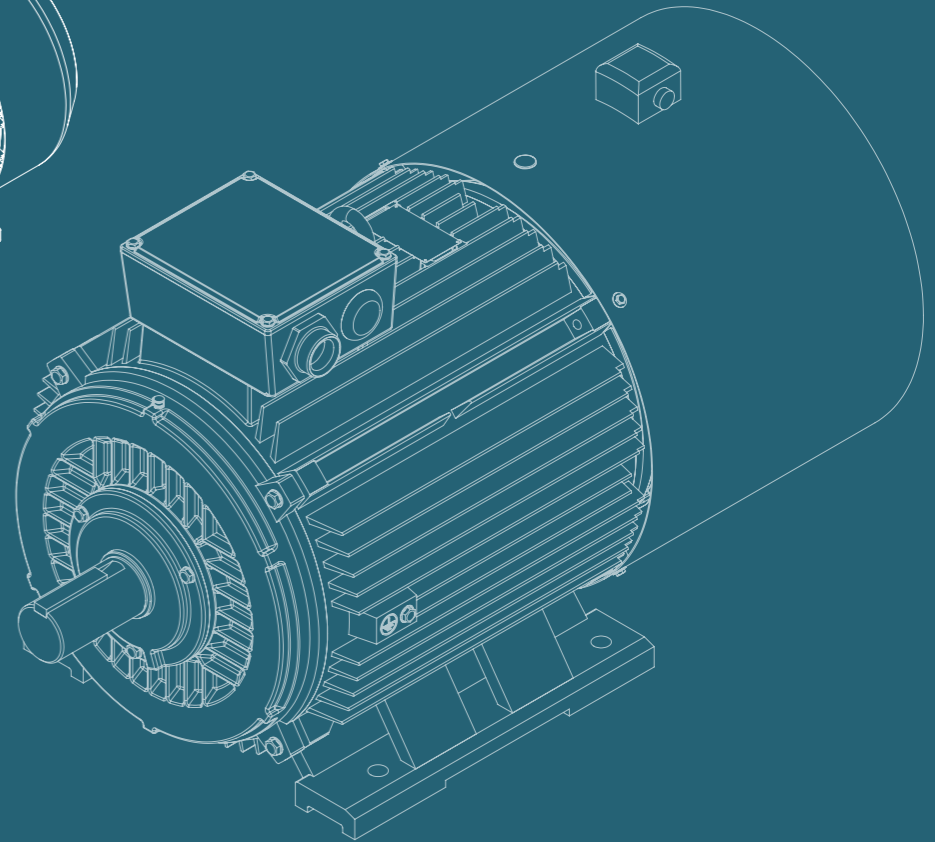
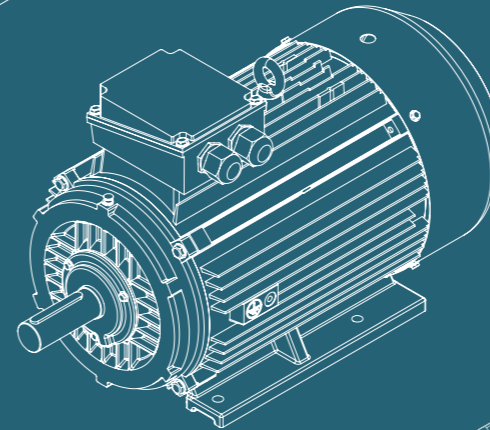


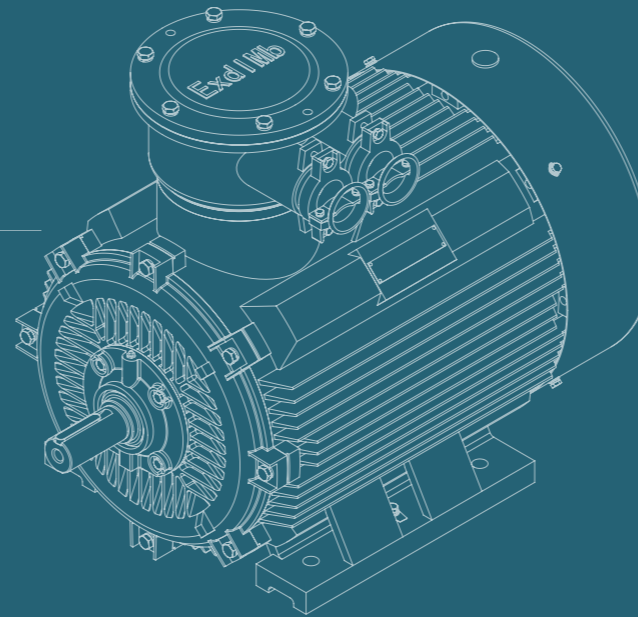
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YVF2系列变频三相异步电动机

YVF2 SERIES CONVERTOR-FED THREE-PHASE INDUCTION MOTOR

订货须知 Ordering instruction:
 本样本仅供用户参考, 具体数据内容可能会有变动, 订货请惠于联系。
 This catalogue is only a reference for users. The date may be changed, please contact us before ordering.
 订货时请详细说明产品型号, 额定功率, 同步转速, 电压及频率, 绝缘等级, 安装结构型式等。
 Please type rated output, synchronous speed, voltage and frequency, insulation class, mounting type etc, when ordering.
 如有特殊要求, 经双方协议后, 还可供应其它特殊规格电机。
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2023年9月



山东华力电机集团股份有限公司
 SHANDONG HUALI ELECTRIC MOTOR GROUP CO.,LTD.

山东·荣成

企业简介 Introduction

山东华力电机集团股份有限公司创立于1970年,经过持续稳步发展,已成为集科研、生产、营销、服务于一体的现代化企业集团。公司下辖荣成崂山工业区、荣成工业新区及苏州工业新区三处制造企业,年生产能力120万台、2000万KW,是全球电机行业具有规模和实力的制造企业之一。

华力集团技术力量雄厚,建有山东省企业技术中心、山东省稀土永磁电机工程技术研究中心,构建起以低压电机为支撑,高压、低压大功率、特种电机为发展方向的产品格局。产品涵盖了YE5系列、YE4系列、YE3系列、HM4系列、HM3系列、YBX5系列、YBX4系列、YBX3系列、YFB5系列、YFB4系列、YFB3系列、YBK3系列、YBBP系列、YB3系列、YVF3系列、YVF2系列、YVF系列、YKK系列、YKS系列等(通用、防爆、船用、起重、冶金、变频、高压、风力发电、轨道交通等)50多个系列20000多个规格,是全球品种、规格齐全的电机制造厂家之一。公司拥有先进的生产检测设备,建立起完善的质量、环境管理体系,通过了ISO9001、ISO14001、CCC、CQC、CE、UL等多项认证认可。

公司坚持“占科技高点、拓全球市场”的发展战略,构筑起国内国际两大市场板块。在全国50多个大中城市建立起仓储式销售分公司,形成了快捷、高效的市场营销和服务网络,产品同时销往欧洲、亚洲、非洲、美洲等40多个国家和地区。企业规模及综合经济效益位居全球电机行业前列。

创新的理念,先进的技术,优良的品质,优质的服务和华力人团结奋进的精神,凝聚成企业不断成长和发展的动力。“创百年华力,树世界品牌”的企业目标正在努力实现!

Since its founding in 1970, through sustained and steady development, it is now a modern enterprise with its own production, distribution, R & D and customer service teams. Huali has built three manufacturing enterprises: Rrongcheng Laoshan Industrial Area, Rongcheng Industrial New Area and Suzhou Industrial Area. The annual production capacity is 1.2 million motors(20 million KW),Huali is one of the manufacturing enterprises of global motor industry with scale and strength.

Huali group has strong technical force, established Shandong enterprise technology center and Shandong province rare earth permanent magnet motor engineering technology research center, Build a product pattern with low-voltage motor as support, high-voltage, low-voltage high-power and special motor as development direction. Our products includes about 20000 varieties types in more than 50 major series. such as, YE5、YE4、YE3、HM4、HM3、YBX5、YBX4、YBX3、YFB5、YFB4、YFB3、YBK3、YBBP、YB3、YVF3、YVF2、YVF、YKK、YKS(General, Explosion Proof, Marine, Lifting, Metallurgy, Frequency, Conversion High Voltage, Wind power generation ,Rail Transit etc).It is one of the motor manufacturers of the global varieties and complete specifications. Our company has advanced production testing equipment, Establish a sound quality and environmental management system. We have passed a number of accreditation such as:ISO9001、ISO14001、CCC、CQC、CE、UL etc.

The company insists on the development strategy of "Occupying the high point of science and technology, Expanding the global market", and constructs two major market plates of domestic and international. Store sales branches have been established in more than 50 large and medium-sized cities throughout the country, which created a highly efficient sale and service network. The products are also sold to more than 40 countries and regions such as Europe, Asia, Africa and America. The scale and comprehensive economic benefits of the enterprises rank in the forefront of the global motor industry.

Innovative ideas, advanced technology, excellent quality, high quality service and the spirit of unite and endeavour of Huali people, condensed into a continuous growth and development of the enterprise power. With such power, Huali and tis people will make the dream that "Creating a centennial Huali, Establishing a global brand" are being come true!



YVF2 系列变频三相异步电动机 Series Converter-Fed Three-Phase Induction Motor



产品概述 Product Introduction

YVF2 系列变频调速三相异步电动机是以变频调速装置为供电电源的专用三相异步电动机，与变频装置组成的系统能够实现无极调速，达到节能和控制自动化的目的。

YVF2 系列电机采用鼠笼结构，运行可靠，维护方便。电机装有独立轴流风机，保证电机在不同转速下均有较好的冷却效果。该系列电机的主要性能符合 JB/T7118-2014 的有关规定，电机安装尺寸符合 IEC 标准的规定。

YVF2 系列电机可适用于各种需要调速的传动装置中，广泛应用于轻工、纺织、化工、冶金、起重、机床等行业，配合高精度传感器，可实现高精度闭环控制。

YVF2 series frequency control of motor speed three-phase asynchronous motor is a special three-phase asynchronous motor with variable-frequency speed-regulating device as the power supply. The system composed with variable-frequency device can realize infinite speed-regulating and achieve the purpose of energy saving and control automation.

YVF2 series motor adopts squirrel cage structure, reliable operation and easy maintenance. The motor is equipped with an independent axial fan to ensure that the motor has a better cooling effect at different rotate speeds. The main performance of this series of motors conforms to the relevant provisions of JB/ t7118-2014. The motor installation size is conforms to the provisions of IEC standards.

YVF2 series motors can be applied to a variety of speed regulating transmission devices, widely used in light industry, textile, chemical industry, metallurgy, lifting, machine tools and other industries, with high-precision sensors, can achieve high-precision closed-loop control.

详细说明 Specification

◆现场条件

YVF2 系列电机标准工作条件为 -15℃到 +40℃，海拔不超过 1000 米。

◆温升和绝缘

电动机按 155 (F) 级绝缘设计，按 B 级绝缘考核 (80K)，电动机的使用寿命和可靠性得到保证。

◆冷却方式

电机带独立轴流风机，冷却方式为 IC416。

◆防护等级

电机的防护等级为 IP55。

◆电压、频率

标准电压为 380V，标准频率为 50Hz。

◆调频范围

电机在规定频率范围内应能保证转矩 (3Hz~50Hz) 或恒功率 (对 2 极电动机 50Hz~60Hz, 对 355-4 以外的 4 极、6 极电动机 50Hz~100Hz, 对 355-4 电动机 50Hz~75Hz) 运行。

◆接法

55kW 及以下电机采用 Y 接，55kW 以上电机采用 Δ 接。

◆电机保护

可根据要求安装 PTC、PT100 等绕组和轴承测温及保护装置。

◆电机传感器

可根据用户要求安装电机传感器。

◆质量保证

从产品设计到产品出厂，遵循 ISO9001 质量认证体系，严格遵守质量程序。

Site conditions

The standard working conditions of YVF2 series motor are from -15 °C to +40 °C , and the altitude is not more than 1000 meters.

Temperature and insulation

155(F) class insulation system and temperature rise class B (80K) are adopted to the motor, which increase the motor useful life and reliability.

Cooling method

The motor is equipped with an independent axial fan, cooling method is IC416.

Protection class

The standard protection degree of the motor is IP55.

Voltage、frequency

The standard voltage is 380V and the standard frequency is 50Hz.

Variable-frequency range

The motor should be able to ensure torque(3Hz~50Hz) or constant power in the specified frequency range for operating (for 2pole motors 50 Hz~60Hz; for 4pole、6pole motors except 355-4p 50 Hz~100 Hz; for 355-4 pole motor, 50 Hz~75 Hz).

Connection

The motor of 55kW and below is connected by Y, and the motor of 55kW and above is connected by Δ.

Protection for motor

PTC PT100 in windings and bearings can be installed as required.

Motor sensor

Motor sensor can be installed according to customer's requirements.

Quality guarantee

From the product design to the delivery of products, follow the ISO9001 quality certification system, strict compliance with quality procedures.

技术数据 Technical Data

2极-同步转速3000r/min 50Hz 2pole-3000rpm synchronous speed 50Hz

型号 motor type	额定 功率 rated output kW	额定 电流 (380V)A rated current (380V)A	转速 3Hz~50Hz~60Hz speed rpm	效率 EFF %	功率 因数 power factor cosφ	额定 转矩 rated torque N.m	堵转 转矩 额定 转矩 TST/TFL	最大 转矩 额定 转矩 TM/TFL	堵转 电流 额定 电流 IST/IFL	转动 惯量 M of I kgm ²	噪音 noise level LW dB(A)	重量 net weight kg
YVF2-80M1-2	0.75	1.9	180-2855-3426	72.1	0.83	2.5	2.3	2.3	6.8	0.001	79	13
YVF2-80M2-2	1.1	2.7	180-2855-3426	75	0.83	3.7	2.3	2.3	7.1	0.002	79	15
YVF2-90S-2	1.5	3.5	180-2875-3450	77.2	0.84	5.0	2.3	2.3	7.3	0.002	84	20
YVF2-90L-2	2.2	4.9	180-2875-3450	79.7	0.85	7.3	2.3	2.3	7.6	0.003	84	23
YVF2-100L-2	3	6.4	180-2880-3456	81.5	0.87	9.9	2.2	2.3	7.8	0.005	91	30
YVF2-112M-2	4	8.3	180-2900-3480	83.1	0.88	13.2	2.2	2.3	8.1	0.008	93	40
YVF2-132S1-2	5.5	11.2	180-2900-3480	84.7	0.88	18	2.2	2.3	8.2	0.014	96	54
YVF2-132S2-2	7.5	14.9	180-2900-3480	86	0.89	25	2.2	2.3	7.8	0.018	96	60
YVF2-160M1-2	11	21.4	180-2940-3528	87.6	0.89	36	2.2	2.3	7.9	0.051	98	99
YVF2-160M2-2	15	28.9	180-2940-3528	88.7	0.89	49	2.2	2.3	7.9	0.064	98	110
YVF2-160L-2	18.5	35.4	180-2940-3528	89.3	0.89	60	2.2	2.3	8	0.076	98	127
YVF2-180M-2	22	41.8	180-2955-3546	89.9	0.89	71	2.2	2.3	8.1	0.105	100	167
YVF2-200L1-2	30	56.5	180-2965-3558	90.7	0.89	97	2	2.3	7.5	0.179	101	220
YVF2-200L2-2	37	69.3	180-2965-3558	91.5	0.89	119	2	2.3	7.5	0.201	101	242
YVF2-225M-2	45	83.8	180-2970-3564	91.7	0.89	145	2.2	2.3	7.5	0.305	103	284
YVF2-250M-2	55	101.9	180-2975-3570	92.1	0.89	177	2.2	2.3	7.6	0.414	106	373
YVF2-280S-2	75	138.1	180-2975-3570	92.7	0.89	241	1.8	2.3	6.9	0.695	108	477
YVF2-280M-2	90	165.2	180-2975-3570	93	0.89	289	1.8	2.3	6.9	0.852	108	516
YVF2-315S-2	110	199.0	180-2980-3576	93.3	0.9	353	1.8	2.2	7	1.753	109	792
YVF2-315M-2	132	238.3	180-2980-3576	93.5	0.9	423	1.8	2.2	7	1.874	109	1010
YVF2-315L1-2	160	284.8	180-2980-3576	93.8	0.91	513	1.8	2.2	7.1	2.296	115	1110
YVF2-315L2-2	200	355.2	180-2980-3576	94	0.91	641	1.8	2.2	7.1	2.478	115	1170
YVF2-355M-2	250	445.0	180-2980-3576	93.8	0.91	795.8	1.8	2.2	7.1	2.296	115	1110
YVF2-355L-2	315	559.5	180-2980-3576	94	0.91	1002.7	1.8	2.2	7.1	2.478	115	1170

技术数据 Technical Data

4极-同步转速1500r/min 50Hz 4pole-1500rpm synchronous speed 50Hz

型号 motor type	额定 功率 rated output kW	额定 电流 (380V)A rated current (380V)A	转速 3Hz~50Hz~100Hz speed rpm	效率 EFF %	功率 因数 power factor cosφ	额定 转矩 rated torque N.m	堵转 转矩 额定 转矩 TST/TFL	最大 转矩 额定 转矩 TM/TFL	堵转 电流 额定 电流 IST/IFL	转动 惯量 M of I kgm ²	噪音 noise level LW dB(A)	重量 net weight kg
YVF2-80M1-4	0.55	1.6	90-1400-2800	69.4	0.75	3.8	2.3	2.3	6.4	0.002	73	13
YVF2-80M2-4	0.75	2.1	90-1400-2800	72.1	0.76	5.1	2.3	2.3	6.4	0.003	73	15
YVF2-90S-4	1.1	2.9	90-1425-2850	75	0.77	7.4	2.3	2.3	6.6	0.004	76	20
YVF2-90L-4	1.5	3.8	90-1425-2850	77.2	0.78	10.1	2.3	2.3	6.7	0.006	76	24
YVF2-100L1-4	2.2	5.2	90-1440-2880	79.7	0.80	14.6	2.3	2.3	7.3	0.010	79	29
YVF2-100L2-4	3	6.9	90-1440-2880	81.5	0.81	19.9	2.3	2.3	7.5	0.013	79	32
YVF2-112M-4	4	9.0	90-1450-2900	83.1	0.81	26.3	2.3	2.3	7.5	0.019	80	42
YVF2-132S-4	5.5	12.0	90-1455-2910	84.7	0.82	36.0	2.0	2.3	7.5	0.036	86	57
YVF2-132M-4	7.5	16.0	90-1455-2910	86	0.83	49.0	2.0	2.3	7.3	0.047	86	69
YVF2-160M-4	11	23.0	90-1465-2930	87.6	0.83	72.0	2.0	2.3	7.4	0.103	90	107
YVF2-160L-4	15	30.6	90-1465-2930	88.7	0.84	98.0	2.0	2.3	7.5	0.131	90	129
YVF2-180M-4	18.5	37.0	90-1470-2940	89.3	0.85	120	2.0	2.3	7.6	0.183	91	162
YVF2-180L-4	22	43.7	90-1475-2950	89.9	0.85	142	2.1	2.3	7.7	0.219	91	172
YVF2-200L-4	30	59.1	90-1475-2950	90.7	0.85	194	2.1	2.3	7.1	0.297	92	224
YVF2-225S-4	37	71.7	90-1480-2960	91.5	0.86	239	2.1	2.3	7.3	0.578	94	277
YVF2-225M-4	45	86.7	90-1480-2960	91.7	0.86	290	2.2	2.3	7.3	0.659	94	302
YVF2-250M-4	55	105.5	90-1480-2960	92.1	0.86	355	2.2	2.3	7.3	0.818	96	383
YVF2-280S-4	75	141.3	90-1485-2970	92.7	0.87	482	2.2	2.3	6.8	1.571	99	527
YVF2-280M-4	90	167.1	90-1485-2970	93	0.88	579	2.2	2.3	6.9	1.964	99	548
YVF2-315S-4	110	201.3	90-1485-2970	93.3	0.89	707	2.1	2.2	6.9	3.247	105	850
YVF2-315M-4	132	241.0	90-1485-2970	93.5	0.89	849	2.1	2.2	6.9	3.527	105	980
YVF2-315L1-4	160	288.0	90-1485-2970	93.8	0.90	1029	2.1	2.2	6.9	4.087	109	1060
YVF2-315L2-4	200	359.2	90-1485-2970	94	0.90	1286	2.1	2.2	6.9	5.374	109	1200
YVF2-355M-4	250	449.0	90-1485-2245	94.0	0.90	1591.5	1.7	2.2	6.9	9.200	109	1780
YVF2-355L-4	315	565.7	90-1485-2245	94.0	0.90	2005.3	1.7	2.2	6.9	10.200	109	1985

技术数据 Technical Data

6极-同步转速1000r/min 50Hz 6pole-1000rpm synchronous speed 50Hz

型号 motor type	额定 功率 rated output kW	额定 电流 (380V)A rated current (380V)A	转速 3Hz~50Hz~100Hz speed rpm	效率 EFF %	功率 因数 power factor cosφ	额定	堵转	最大	堵转	转动 惯量 M of I kgm ²	噪音 noise level LW dB(A)	重量 net weight kg
						转矩 torque N.m	转矩 转矩 TST/TFL	转矩 转矩 TM/TFL	电流 电流 IST/IFL			
YVF2-90S-6	0.75	2.3	60-935-1870	70.0	0.72	7.7	2.0	2.1	5.8	0.005	72	21
YVF2-90L-6	1.1	3.2	60-940-1880	72.9	0.72	11.2	2.0	2.1	5.9	0.008	72	23
YVF2-100L-6	1.5	4.2	60-945-1890	75.2	0.72	15.2	2.0	2.1	5.9	0.013	76	29
YVF2-112M-6	2.2	6.0	60-950-1900	77.7	0.72	22.1	2.0	2.1	6.2	0.020	80	37
YVF2-132S-6	3	7.9	60-960-1920	79.7	0.72	30	2.0	2.1	6.4	0.038	84	52
YVF2-132M1-6	4	10.1	60-960-1920	81.4	0.74	40	2.0	2.1	6.6	0.050	84	59
YVF2-132M2-6	5.5	13.4	60-960-1920	83.1	0.75	55	2.0	2.1	6.8	0.066	84	72
YVF2-160M-6	7.5	17.2	60-970-1940	84.7	0.78	74	2.0	2.1	6.8	0.121	85	98
YVF2-160L-6	11	24.5	60-970-1940	86.4	0.79	108	2.0	2.1	6.9	0.161	85	121
YVF2-180L-6	15	31.7	60-975-1950	87.7	0.82	147	2.0	2.1	7.3	0.264	88	164
YVF2-200L1-6	18.5	39.7	60-975-1950	88.6	0.8	181	2.0	2.1	7.2	0.407	88	208
YVF2-200L2-6	22	46.3	60-975-1950	89.2	0.81	216	2.0	2.1	7.3	0.459	88	217
YVF2-225M-6	30	61.6	60-985-1970	90.2	0.82	291	2.0	2.1	6.8	0.648	89	287
YVF2-250M-6	37	74.6	60-985-1970	90.8	0.83	359	2.0	2.1	7.0	0.979	91	355
YVF2-280S-6	45	88.0	60-985-1970	91.4	0.85	436	2.0	2.0	7.2	1.790	93	456
YVF2-280M-6	55	105.7	60-985-1970	91.9	0.86	533	2.0	2.0	7.2	2.164	93	502
YVF2-315S-6	75	146.5	60-990-1980	92.6	0.84	724	2.0	2.0	6.5	4.279	98	786
YVF2-315M-6	90	173.2	60-990-1980	92.9	0.85	868	2.0	2.0	6.6	5.017	98	884
YVF2-315L1-6	110	210.7	60-990-1980	93.3	0.85	1061	2.0	2.0	6.6	5.607	99	964
YVF2-315L2-6	132	249.4	60-990-1980	93.5	0.86	1273	2.0	2.0	6.6	6.640	99	1150
YVF2-355M1-6	160	301.4	60-990-1980	93.8	0.86	1050	1.6	2.0	6.5	10.500	98	1790
YVF2-355M2-6	200	375.9	60-990-1980	94.0	0.86	1261	1.6	2.0	6.5	12.900	99	1850
YVF2-355L2-6	250	469.9	60-990-1980	94.0	0.86	2387	1.6	2.0	6.5	13.900	99	1960

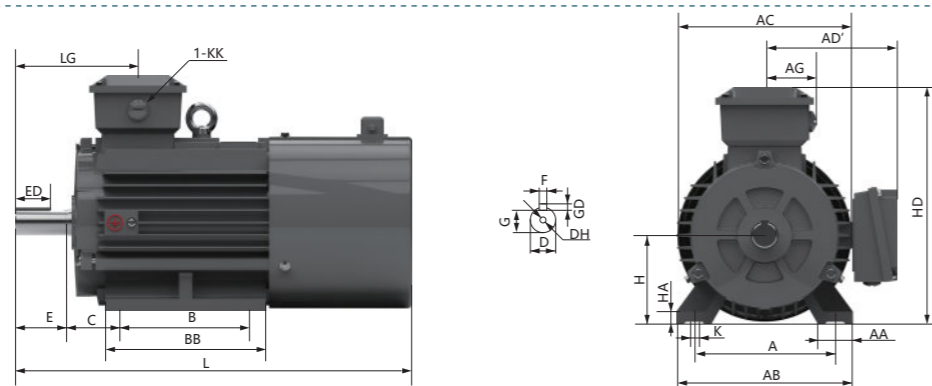
技术数据 Technical Data

8极-同步转速750r/min 50Hz 8pole-750rpm synchronous speed 50Hz

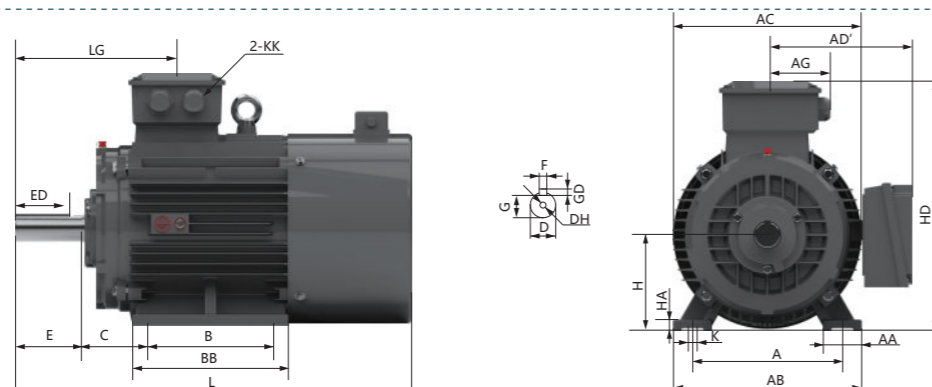
型号 motor type	额定 功率 rated output kW	额定 电流 (380V)A rated current (380V)A	转速 3Hz~50Hz~100Hz speed rpm	效率 EFF %	功率 因数 power factor cosφ	额定	堵转	最大	堵转	转动 惯量 M of I kgm ²	噪音 noise level LW dB(A)	重量 net weight kg
						转矩 torque N.m	转矩 转矩 TST/TFL	转矩 转矩 TM/TFL	电流 电流 IST/IFL			
YVF2-100L1-8	0.75	2.4	45-690-1380	66.2	0.67	10.4	2.0	2.2	3.5	0.008	59	30
YVF2-100L2-8	1.1	3.4	45-690-1380	70.8	0.69	15.2	2.2	2.4	3.6	0.01	59	35
YVF2-112M-8	1.5	4.4	45-690-1380	74.1	0.7	20.8	2.4	2.6	3.9	0.017	61	40
YVF2-132S-8	2.2	6.0	45-710-1420	77.6	0.71	30.0	2.3	2.5	4.3	0.031	64	55
YVF2-132M-8	3	7.8	45-710-1420	80.0	0.73	40.0	2.2	2.4	4.4	0.04	64	65
YVF2-160M1-8	4	10.3	45-720-1440	81.9	0.73	53.0	2.2	2.5	4.4	0.075	68	95
YVF2-160M2-8	5.5	13.6	45-720-1440	83.8	0.74	73.0	2.2	2.4	5.0	0.093	68	115
YVF2-160L-8	7.5	17.8	45-720-1440	85.5	0.75	100	2.1	2.3	5.7	0.126	68	125
YVF2-180L-8	11	25.5	45-730-1460	86.9	0.75	144	2.3	2.5	5.6	0.203	70	180
YVF2-200L-8	15	34.1	45-730-1460	88.0	0.76	196	2.1	2.4	5.5	0.339	73	220
YVF2-225S-8	18.5	41.1	45-730-1460	88.6	0.76	242	2.2	2.6	5.6	0.491	73	260
YVF2-225M-8	22	47.4	45-740-1480	89.1	0.78	284	2.1	2.4	5.4	0.547	73	290
YVF2-250M-8	30	63.4	45-740-1480	89.8	0.79	387	2.2	2.5	5.3	0.83	75	380
YVF2-280S-8	37	77.8	45-740-1480	90.3	0.79	478	2.3	2.7	5.6	1.39	76	490
YVF2-280M-8	45	94.1	45-740-1480	90.7	0.79	581	2.1	2.8	5.2	1.65	76	530
YVF2-315S-8	55	111.2	45-740-1480	91.0	0.81	710	1.9	2.5	5.7	4.79	82	770
YVF2-315M-8	75	150.5	45-740-1480	91.6	0.81	968	2.1	2.8	5.9	5.58	82	900
YVF2-315L1-8	90	177.8	45-740-1480	91.9	0.82	1162	2.3	2.9	6.2	6.37	82	960
YVF2-315L2-8	110	216.8	45-740-1480	92.3	0.82	1420	2.2	2.8	6.0	7.23	82	1060
YVF2-355M1-8	132	276.0	45-740-1480	91.6	0.82	1704	2.2	2.8	6.0	7.6	89	1840
YVF2-355M2-8	160	322.6	45-740-1480	91.9	0.82	2066	2.2	2.8	6.0	11.7	89	1925
YVF2-355L2-8	200	401.5	45-740-1480	92.3	0.82	2582	2.2	2.8	6.0	12.9	89	2050

▼ B3外形及安装尺寸 Dimensions Foot Mount B3

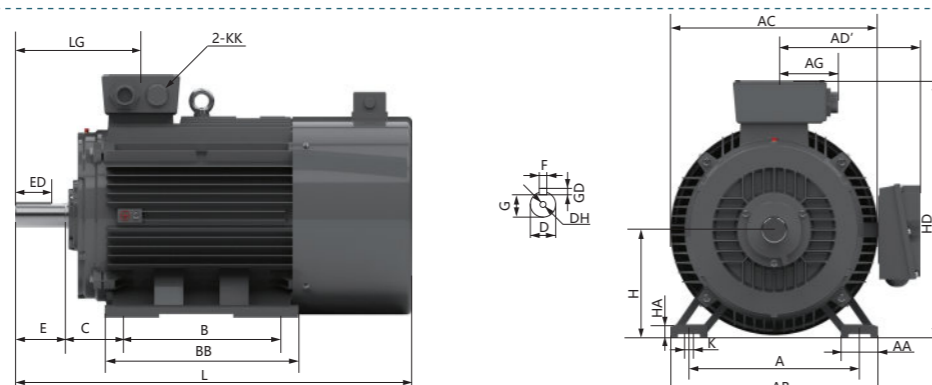
YVF2-80~132



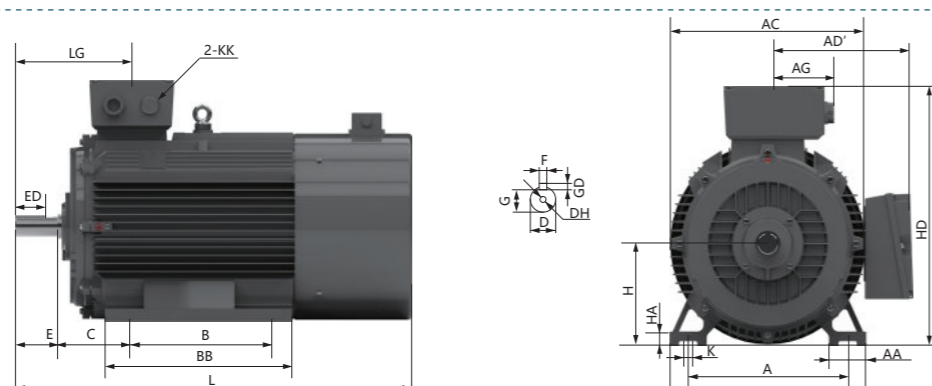
YVF2-160~200



YVF2-225~280



YVF2-315~355



▼ B3外形及安装尺寸 Dimensions Foot Mount B3

机座号	极数	A	AA	AB	AC*	AD'	AG	B	BB	C	D	DH*	E	ED	F	G	GD	H	HA	HD	K	KK	L*		LG
																							IC411	IC416	
80M	2-8	125	34	160	175	140	51	100	130	50	19	M6X16	40	22	6	15.5	6	80	10	230	10	M24X1.5	295	344	106
90S	2-8	140	36	180	190	150	60	100	135	56	24	M8X19	50	32	8	20	7	90	12.5	255	10	M24X1.5	318	398	124
90L	2-8	140	36	180	190	150	60	125	160	56	24	M8X19	50	32	8	20	7	90	12.5	255	10	M24X1.5	343	423	124
100L	2-8	160	40	200	215	160	60	140	182	63	28	M10X22	60	40	8	24	7	100	14	270	12	M24X1.5	381	452.5	140
112M	2-8	190	45	230	236	185	75	140	195	70	28	M10X22	60	40	8	24	7	112	14	310	12	M30X2	399	465	145
132S	2-8	216	52	265	275	205	75	140	205	89	38	M12X28	80	56	10	33	8	132	16	350	12	M30X2	474	523	169
132M	2-8	216	52	265	275	205	75	178	245	89	38	M12X28	80	56	10	33	8	132	16	350	12	M30X2	512	563	169
160M	2-8	254	65	320	330	250	95	210	260	108	42	M16X36	110	80	12	37	8	160	19	425	14.5	M36X2	601.5	658.5	270
160L	2-8	254	65	320	330	250	95	254	305	108	42	M16X36	110	80	12	37	8	160	19	425	14.5	M36X2	645.5	702.5	270
180M	2-8	279	74	350	380	270	95	241	297	121	48	M16X36	110	80	14	42.5	9	180	22	460	14.5	M36X2	671	722	277
180L	2-8	279	74	350	380	270	95	279	325	121	48	M16X36	110	80	14	42.5	9	180	22	460	14.5	M36X2	709	760	277
200L	2-8	318	75	395	420	325	120	305	370	133	55	M20X42	110	80	16	49	10	200	25	515	18.5	M48X2	762	847	298
225S	4-8	356	80	436	465	335	120	286	355	149	60	M20X42	140	100	18	53	11	225	28	560	18.5	M48X2	815	892	340
225M	2	356	80	436	465	335	120	311	380	149	55	M20X42	110	80	16	49	10	225	28	560	18.5	M48X2	810	887	310
225M	4-8	356	80	436	465	335	120	311	380	149	60	M20X42	140	100	18	53	11	225	28	560	18.5	M48X2	840	917	340
250M	2	406	88	495	520	370	160	349	440	168	60	M20X42	140	100	18	53	11	250	33	620	24	M64X2	925	1010	353
250M	4-8	406	88	495	520	370	160	349	440	168	65	M20X42	140	100	18	58	11	250	33	620	24	M64X2	925	1010	353
280S	2	457	100	550	570	400	160	368	495	190	65	M20X42	140	100	18	58	11	280	35	685	24	M64X2	960	1050	350
280S	4-8	457	100	550	570	400	160	368	495	190	75	M20X42	140	100	20	67.5	12	280	35	685	24	M64X2	975	1065	350
280M	2	457	100	550	570	400	160	419	535	190	65	M20X42	140	100	18	58	11	280	35	685	24	M64X2	1000	1090	350
280M	4-8	457	100	550	570	400	160	419	535	190	75	M20X42	140	100	20	67.5	12	280	35	685	24	M64X2	1010	1105	350
315S	2	508	120	630	650	495	195	406	515	216	65	M20X42	140	100	18	58	11	315	45	820	28	M64X2	1145	1220	387
315M	2	508	120	630	650	495	195	457	625	216	65	M20X42	140	100	18	58	11	315	45	820	28	M64X2	1255	1330	387
315L	2	508	120	630	650	495	195	508	625	216	65	M20X42	140	100	18	58	11	315	45	820	28	M64X2	1255	1330	387
315S	4-8	508	120	630	650	495	195	406	515	216	80	M20X42	170	130	22	71	14	315	45	820	28	M64X2	1190	1250	417
315M	4-8	508	120	630	650	495	195	457	625	216	80	M20X42	170	130	22	71	14	315	45	820	28	M64X2	1300	1360	417
315L	4-8	508	120	630	650	495	195	508	625	216	80	M20X42	170	130	22	71	14	315	45	820	28	M64X2	1300	1360	417
355M	2	610	125	735	735	645	330	560	775	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	M72X2	1500	1670	420
355L	2	610	125	735	735	645	330	630	775	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	M72X2	1500	1670	420
355M	4-8	610	125	735	735	645	330	560	775	254	95	M24X50	170	140	25	86	14	355	49	1000	28	M72X2	1530	1700	450
355L	4-8	610	125	735	735	645	330	630	775	254	95	M24X50	170	140	25	86	14	355	49	1000	28	M72X2	1530	1700	450
355L加长	2	610	125	735	735	645	330	630	875	254	95	M24X50	170	140	25	86	14	355	49	1000	28	M72X2	1630	1800	450
355L加长	4-8	610	125	735	735	645	330	630	875	254	95	M24X50	170	140	25	86	14	355	49	1000	28	M72X2	1630	1800	450

注:1.图中DH默认为不带螺纹的中心孔,可根据需要加工成螺纹孔。
The "DH" defaults to a non-threaded center hole and it can be machined into a threaded hole as required.
2.80-132机座号的L尺寸公差±5,160-355机座号的L尺寸公差±8。
The dimension of "L" with tolerance ±5 for frame 80-132,tolerance ±8 for frame 160-355.
3.AC及L尺寸为最大外形尺寸,具体规格以确认外形图为准。
AC and L dimensions are the maximum external dimensions, and the details are subject to the confirmed drawings.

B35外形及安装尺寸 Dimensions Foot-Flange Mount B35

B35外形及安装尺寸 Dimensions Foot-Flange Mount B35

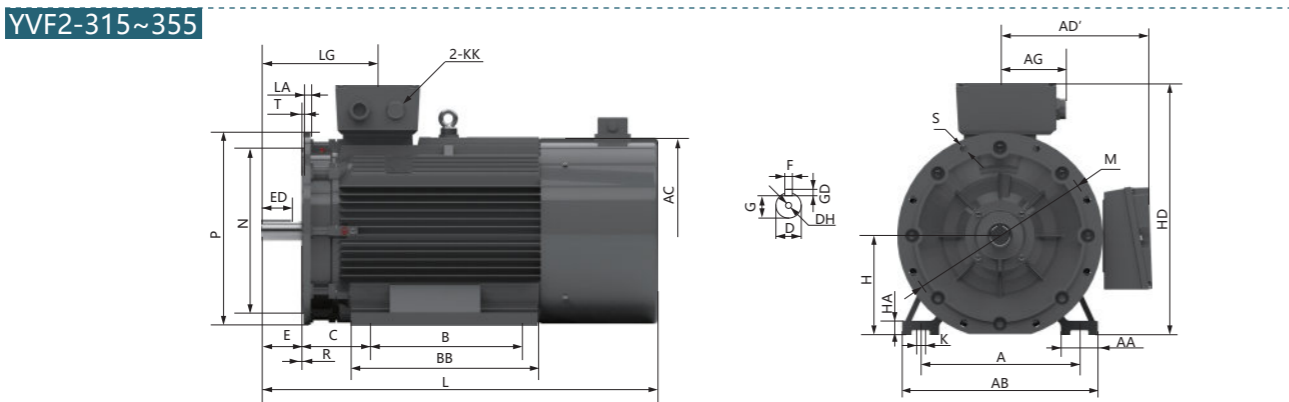
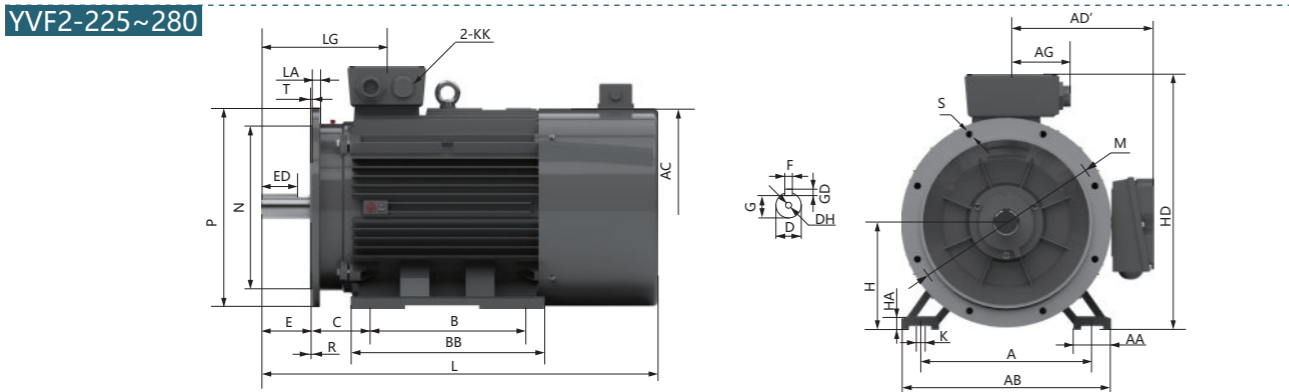
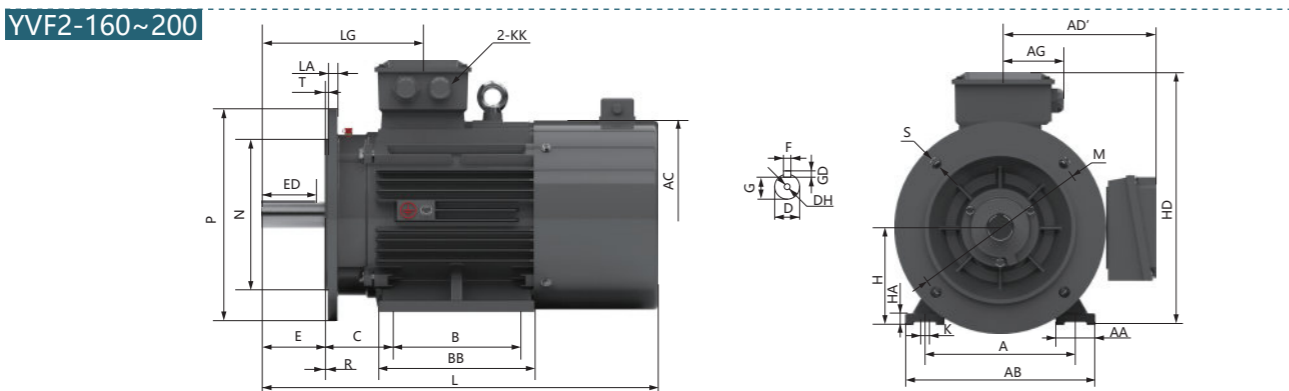
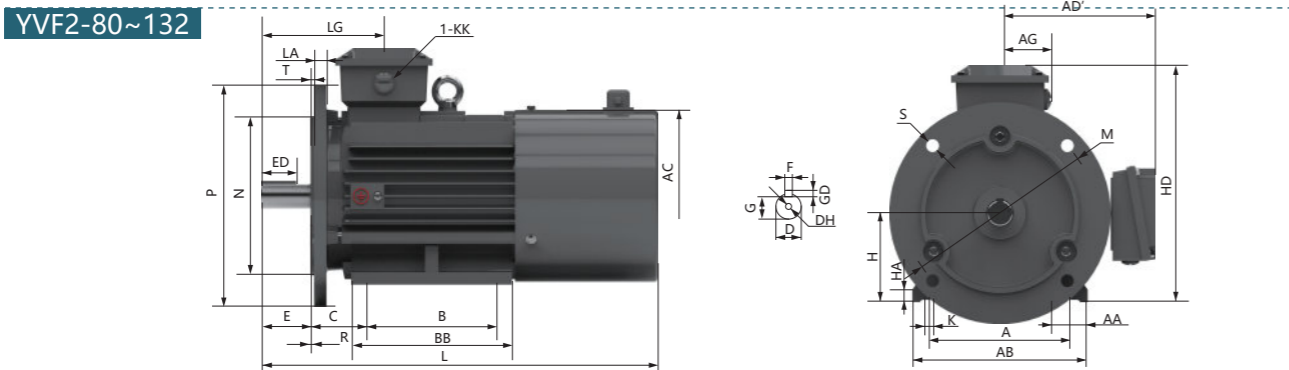
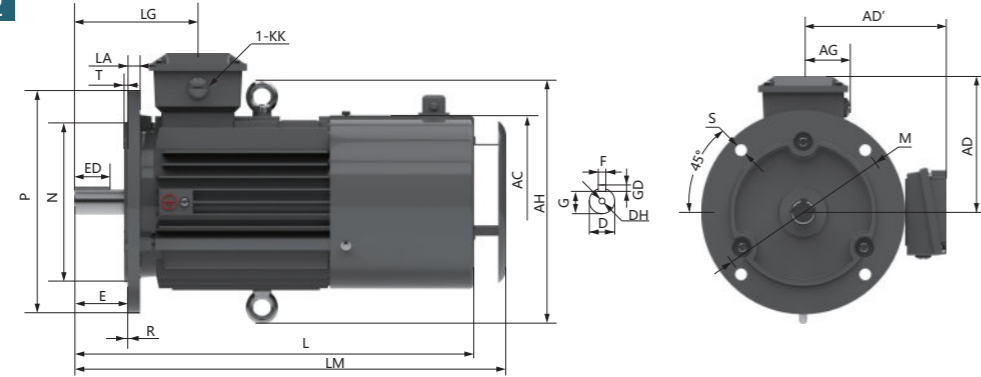


Table with 24 columns: 机座号, 极数, A, AA, AB, AC*, AD', AG, B, BB, C, D, DH*, E, ED, F, G, GD, H, HA, HD, K, KK, L* (IC411, IC416), LG, LA, M, N, P, S, T. It lists dimensions for various motor models like 80M, 90S, 90L, 100L, 112M, etc.

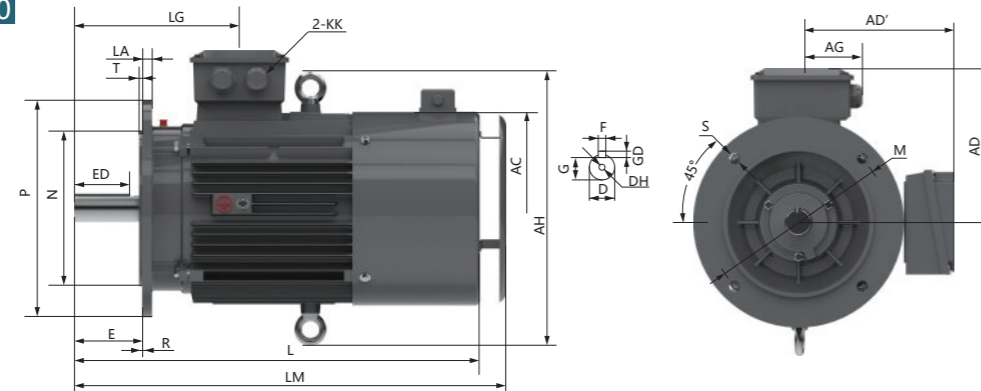
注:1.图中R尺寸值均为0. The 'R' dimensions is zero. 2.图中DH默认不带螺纹的中心孔, 可根据需要加工成螺纹孔. The 'DH' defaults to a non-threaded center hole and it can be machined into a threaded hole as required.

YVF2-80~132外形及安装尺寸 Dimensions Flange Mount B5&V1

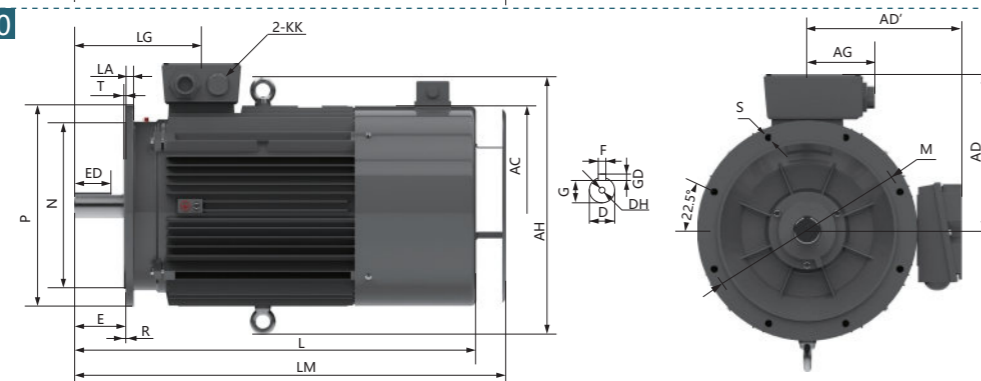
YVF2-80~132



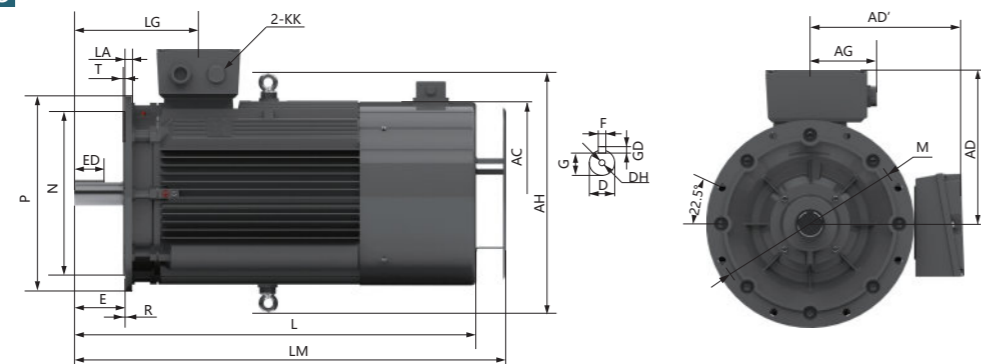
YVF2-160~200



YVF2-225~280



YVF2-315~355



YVF2-160~200外形及安装尺寸 Dimensions Flange Mount B5&V1

机座号	极数	AC*	AD	AD'	AG	D	DH*	E	ED	F	G	GD	KK	L*		LG	LA	M	N	P	S	T
														IC411	IC416							
80M	2-8	175	150	140	51	19	M6X16	40	22	6	15.5	6	M24X1.5	295	344	106	12	165	130	200	12	3.5
90S	2-8	190	165	150	60	24	M8X19	50	32	8	20	7	M24X1.5	318	398	124	12	165	130	200	12	3.5
90L	2-8	190	165	150	60	24	M8X19	50	32	8	20	7	M24X1.5	343	423	124	12	165	130	200	12	3.5
100L	2-8	215	170	160	60	28	M10X22	60	40	8	24	7	M24X1.5	381	452.5	140	14	215	180	250	14.5	4
112M	2-8	236	195	185	75	28	M10X22	60	40	8	24	7	M30X2	399	465	145	14	215	180	250	14.5	4
132S	2-8	275	215	205	75	38	M12X28	80	56	10	33	8	M30X2	474	523	169	14	265	230	300	14.5	4
132M	2-8	275	215	205	75	38	M12X28	80	56	10	33	8	M30X2	512	563	169	14	265	230	300	14.5	4
160M	2-8	330	265	250	95	42	M16X36	110	80	12	37	8	M36X2	601.5	658.5	270	15	300	250	350	18.5	5
160L	2-8	330	265	250	95	42	M16X36	110	80	12	37	8	M36X2	645.5	702.5	270	15	300	250	350	18.5	5
180M	2-8	380	280	270	95	48	M16X36	110	80	14	42.5	9	M36X2	671	722	277	15	300	250	350	18.5	5
180L	2-8	380	280	270	95	48	M16X36	110	80	14	42.5	9	M36X2	709	760	277	15	300	250	350	18.5	5
200L	2-8	420	315	325	120	55	M20X42	110	80	16	49	10	M48X2	762	847	298	17	350	300	400	18.5	5
225S	4-8	465	335	335	120	60	M20X42	140	100	18	53	11	M48X2	815	892	340	19	400	350	450	18.5	5
225M	2	465	335	335	120	55	M20X42	110	80	16	49	10	M48X2	810	887	310	19	400	350	450	18.5	5
225M	4-8	465	335	335	120	60	M20X42	140	100	18	53	11	M48X2	840	917	340	19	400	350	450	18.5	5
250M	2	520	375	370	160	60	M20X42	140	100	18	53	11	M64X2	925	1010	353	20	500	450	550	18.5	5
250M	4-8	520	375	370	160	65	M20X42	140	100	18	58	11	M64X2	925	1010	353	20	500	450	550	18.5	5
280S	2	570	395	400	160	65	M20X42	140	100	18	58	11	M64X2	960	1050	350	22	500	450	550	18.5	5
280S	4-8	570	395	400	160	75	M20X42	140	100	20	67.5	12	M64X2	975	1065	350	22	500	450	550	18.5	5
280M	2	570	395	400	160	65	M20X42	140	100	18	58	11	M64X2	1000	1090	350	22	500	450	550	18.5	5
280M	4-8	570	395	400	160	75	M20X42	140	100	20	67.5	12	M64X2	1010	1105	350	22	500	450	550	18.5	5
315S	2	650	500	495	195	65	M20X42	140	100	18	58	11	M64X2	1145	1220	387	24	600	550	660	24	6
315M	2	650	500	495	195	65	M20X42	140	100	18	58	11	M64X2	1255	1330	387	24	600	550	660	24	6
315L	2	650	500	495	195	65	M20X42	140	100	18	58	11	M64X2	1255	1330	387	24	600	550	660	24	6
315S	4-8	650	500	495	195	80	M20X42	170	130	22	71	14	M64X2	1190	1250	417	24	600	550	660	24	6
315M	4-8	650	500	495	195	80	M20X42	170	130	22	71	14	M64X2	1300	1360	417	24	600	550	660	24	6
315L	4-8	650	500	495	195	80	M20X42	170	130	22	71	14	M64X2	1300	1360	417	24	600	550	660	24	6
355M	2	735	645	645	330	75	M24X50	140	110	20	67.5	12	M72X2	1500	1670	420	25	740	680	800	24	6
355L	2	735	645	645	330	75	M24X50	140	110	20	67.5	12	M72X2	1500	1670	420	25	740	680	800	24	6
355M	4-8	735	645	645	330	95	M24X50	170	140	25	86	14	M72X2	1530	1700	450	25	740	680	800	24	6
355L	4-8	735	645	645	330	95	M24X50	170	140	25	86	14	M72X2	1530	1700	450	25	740	680	800	24	6
355L加长	2	735	645	645	330	95	M24X50	170	140	25	86	14	M72X2	1630	1800	450	25	740	680	800	24	6
355L加长	4-8	735	645	645	330	95	M24X50	170	140	25	86	14	M72X2	1630	1800	450	25	740	680	800	24	6

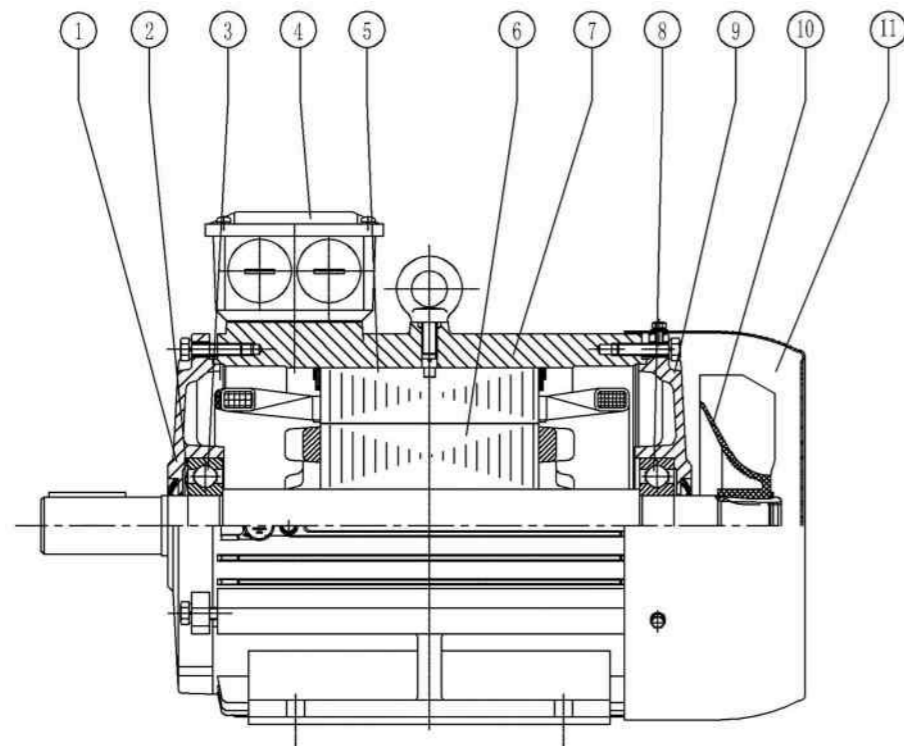
注:1.图中R尺寸值均为0。The 'R' dimensions is zero.
 2.图中DH默认为不带螺纹的中心孔, 可根据需要加工成螺纹孔。
 The 'DH' defaults to a non-threaded center hole and it can be machined into a threaded hole as required.
 3.80-132机座号的L尺寸公差±5,160-355机座号的L尺寸公差±8。
 The dimension of 'L' with tolerance ±5 for frame 80-132,tolerance ±8 for frame 160-355.
 4.AC及L尺寸为最大外形尺寸, 具体规格以确认外形图为准。
 AC and L dimensions are the maximum external dimensions, and the details are subject to the confirmed drawings.

▶ 装配图及零部件明细表 Arrangement And Parts List

YVF2 80~132FRAME

零部件名称		Parts Description
1	驱动端端盖	Endshield D.E.
2	波形弹簧	Wave washer
3	驱动端轴承	Bearing D.E.
4	接线盒	Terminal box
5	定子铁芯	Stator lamination pack
6	转子铁芯	Rotor lamination pack
7	机座	Frame
8	非驱动端轴承	Bearing N.D.E.
9	非驱动端端盖	Endshield N.D.E.
10	风扇	Fan
11	风罩	Fan cowl

基本结构说明		Specifications standard construction
铸铁机座和接线盒	Cast iron frame,terminal box.	
钢板冲压风罩	Pressed steel fan cowl.	
铸铁端盖	Cast iron endshields.	
聚丙烯玻璃纤维风扇	Polypropylene,glass reinforced fan.	
电机专用轴承	Equivalent bearings.	
特性		Features
电机尺寸和额定功率符合IEC60072	Dimensions and ratings to IEC60072	
GB/T4772.1-4772.3	GB/T4772.1-4772.3	
IP55	IP55	
接线盒在上面	Top mounted terminal box.	
接线盒可90°旋转	Terminalbox rotates in 90 deg	
冷却方式IC411	Cooling IC411	
安装		Mounting
B3-卧式底脚安装	B3-foot mounted	
B5-卧式凸缘安装	B5-flange mounted-horizontal.	
B35-底脚凸缘安装	B35-foot And flange mounted	
V1-立式凸缘安装	V1-flang mounted-vertical	

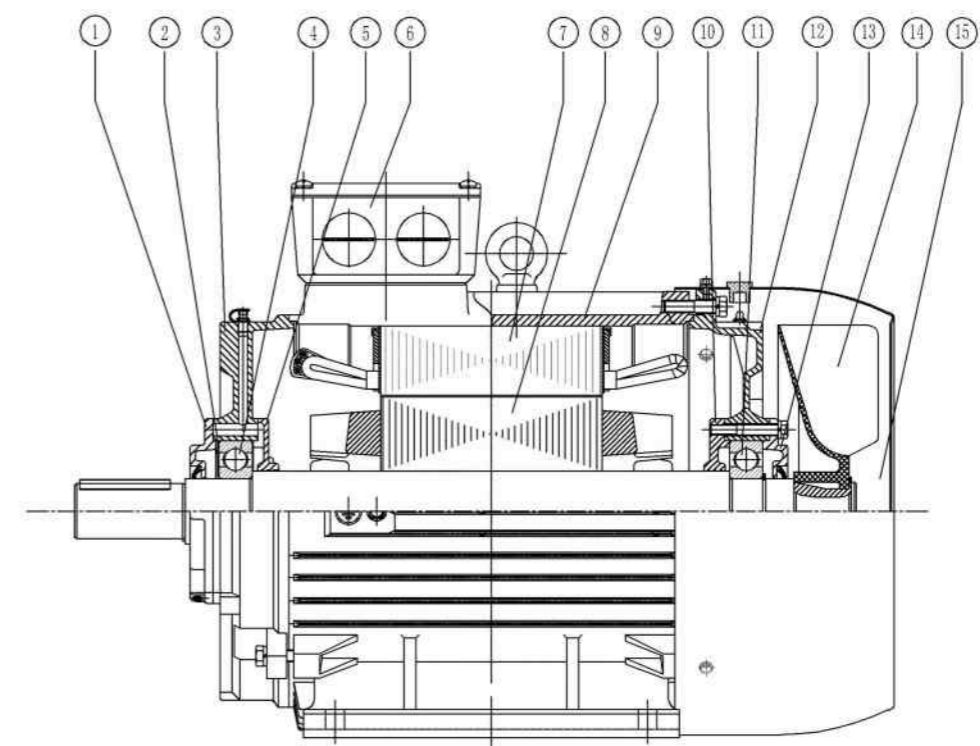


▶ 装配图及零部件明细表 Arrangement And Parts List

YVF2 160~280FRAME

零部件名称		Parts Description
1	驱动端轴承外盖	Outer bearing cap D.E.
2	波形弹簧	Wave washer
3	驱动端端盖	Endshield D.E.
4	驱动端轴承	Bearing D.E.
5	驱动端轴承内盖	Inner bearing cap D.E.
6	接线盒	Terminal box
7	定子铁芯	Stator lamination pack
8	转子铁芯	Rotor lamination pack
9	机座	Frame
10	非驱动端轴承内盖	Inner bearing cap N.D.E.
11	非驱动端轴承	Bearing N.D.E.
12	非驱动端端盖	Endshield N.D.E.
13	非驱动端轴承外盖	Outer bearing cap N.D.E.
14	风扇	Fan
15	风罩	Fan cowl

基本结构说明		Specifications standard construction
铸铁机座和接线盒	Cast iron frame,terminal box.	
钢板冲压风罩	Pressed steel fan cowl.	
铸铁端盖	Cast iron endshields.	
聚丙烯玻璃纤维风扇	Polypropylene,glass reinforced fan.	
电机专用轴承	Equivalent bearings.	
特性		Features
电机尺寸和额定功率符合IEC60072	Dimensions and ratings to IEC60072	
GB/T4772.1-4772.3	GB/T4772.1-4772.3	
IP55	IP55	
接线盒在上面	Top mounted terminal box.	
接线盒可90°旋转	Terminalbox rotates in 90 deg	
冷却方式IC411	Cooling IC411	
安装		Mounting
B3-卧式底脚安装	B3-foot mounted	
B5-卧式凸缘安装	B5-flange mounted-horizontal.	
B35-底脚凸缘安装	B35-foot And flange mounted	
V1-立式凸缘安装	V1-flang mounted-vertical	

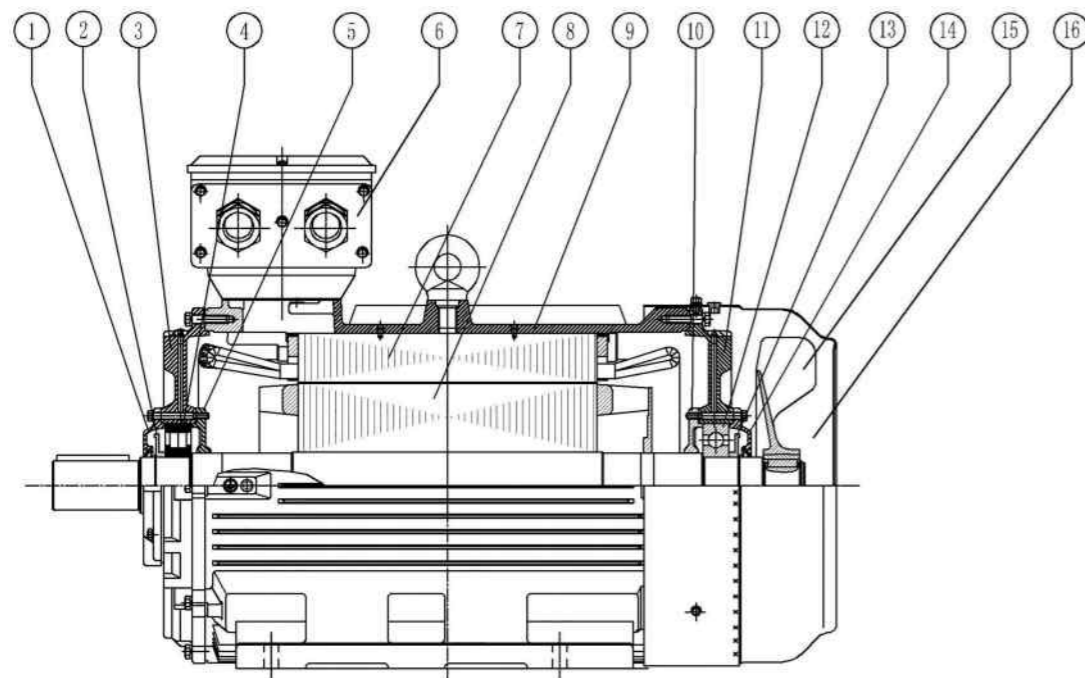


▼ 装配图及零部件明细表 Arrangement And Parts List

YVF2 315~355FRAME

零部件名称 Parts Description	
1	驱动端轴承外盖 Outer bearing cap D.E.
2	驱动端甩油盘 Flinger D.E.
3	驱动端端盖 Endshield D.E.
4	驱动端轴承 Bearing D.E.
5	驱动端轴承内盖 Inner bearing cap D.E.
6	接线盒 Terminal box
7	定子铁芯 Stator lamination pack.
8	转子铁芯 Rotor lamination pack.
9	机座 Frame
10	非驱动端轴承内盖 Inner bearing cap N.D.E.
11	非驱动端轴承 Bearing N.D.E.
12	非驱动端端盖 Endshield N.D.E.
13	非驱动端甩油盘 Flinger N.D.E.
14	非驱动端轴承外盖 Outer bearing cap N.D.E.
15	风扇 Fan
16	风罩 Fan cowl

基本结构说明 Specifications standard construction	
铸铁机座和接线盒	Cast iron frame,terminal box.
钢板冲压风罩	Pressed steel fan cowl.
铸铁端盖	Cast iron endshields.
聚丙烯玻璃纤维风扇	Polypropylene,glass reinforced fan.
电机专用轴承	Equivalent bearings.
特性 Features	
电机尺寸和额定功率符合IEC60072	Dimensions and ratings to IEC60072
GB/T4772.1-4772.3	GB/T4772.1-4772.3
IP55	IP55
接线盒在上面	Top mounted terminal box.
接线盒可90°旋转	Terminalbox rotates in 90 deg
冷却方式IC411	Cooling IC411
安装 Mounting	
B3-卧式底脚安装	B3-foot mounted
B35-底脚凸缘安装	B35-foot And flange mounted
V1-立式凸缘安装	V1-flang mounted-vertical



▼ IC416系列所配风机参数 Fan parameters of IC416 series

电机机座号 Motor Frame	型号 Type	功率 Power W	转速 Speed r/min	风压 Pa	风机风量 m3/h	噪声 Noise dB(A)
80	G80A	28	2600	60	350	50
90	G90A	30	2600	80	500	50
100	G100A	45	2600	82	650	55
112	G112A	50	2600	110	1000	60
132	G132A	40	1300	70	880	60
160	G160A	80	1300	40	1100	60
180	G180A	105	1360	105	2280	61
200	G200A	150	1400	108	2280	62
225	G225A	190	1370	110	3980	66
250	G250A	250	1380	110	4760	68
280	G280A	420	1350	120	6560	72
315	G315A	550	1330	122	8740	75
355	G355A	850	1360	120	12250	78

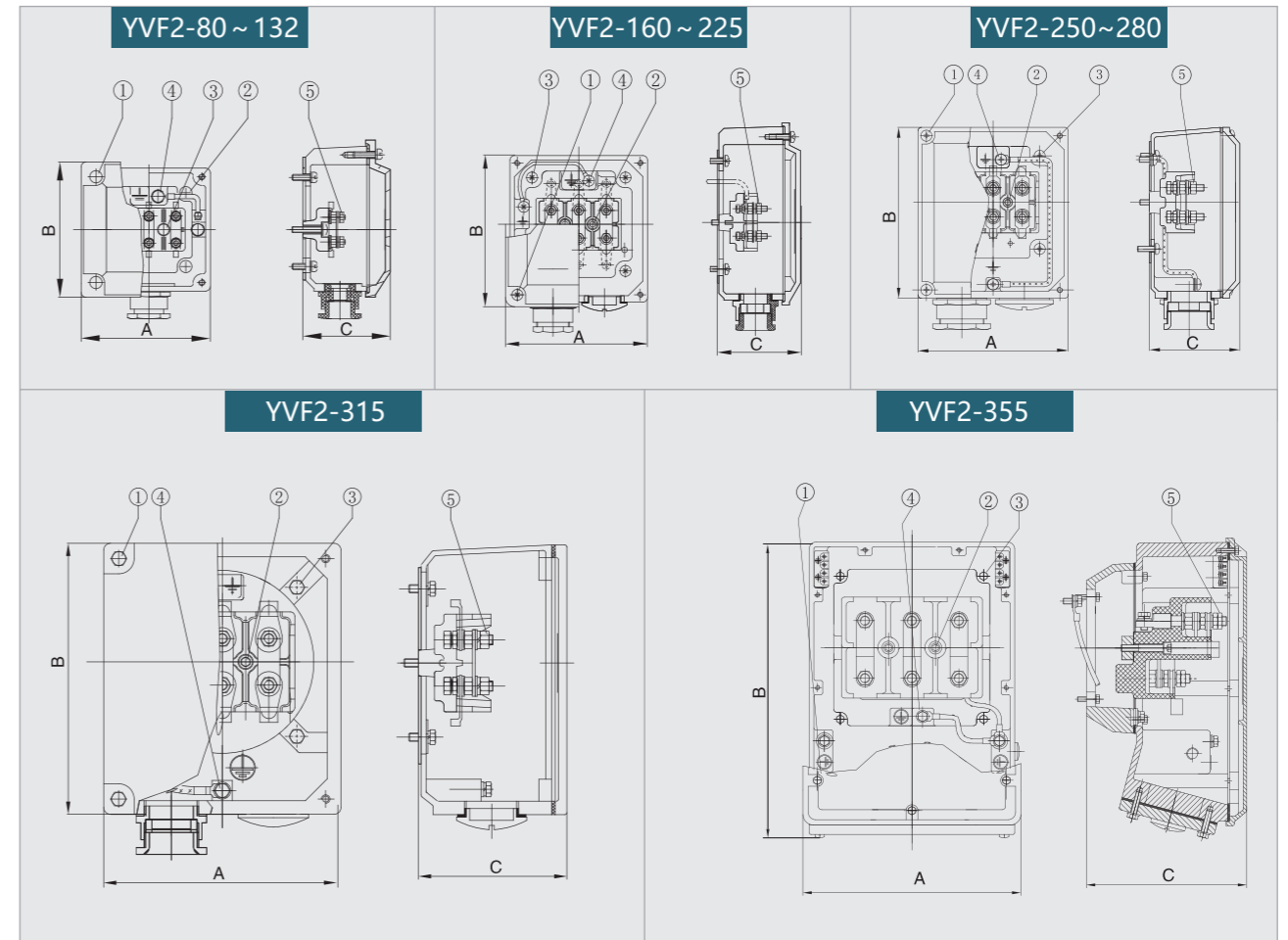
▼ 防护等级 Degrees of Protection(IEC 60034-5)

符号 Designation	第一位数字 First numeral	第二位数字 Second numeral
	防止固体异物进入内部及防止人体触及内部的带电或运动部分。 Protection against contact and ingree of foreign bodies, protection against hazardous" live" parts and moving mechanical parts.	防护水 Protection against water
	5.虽不能完全防止灰尘进入,但进尘量不足以影响电机正常运行。能防止触及或接近壳内带电或转动部分。 Ingree of dust is not totally prevented, but dust shall not interfere with the satisfactory operation of equipment. A probe of 1mm diameter shall not penetrate the enclosure.	5.任何方向的喷水对电机应无有害的影响。 Water projected in jets against the enclosure from any direction will have no harmful effects.
	6.完全防止灰尘进入机壳。 No ingress of dust.	6.强力喷水时电机应无有害影响。 Water projected in power jets shall have no harmful effects.
IP55	防尘 Dust protected	防喷水 Jetting water
IP56	防尘 Dust protected	防强力喷水 Powerful Jetting
IP65	尘密 Dust tight	防喷水 Jetting water
IP66	尘密 Dust tight	防强力喷水 Powerful Jetting

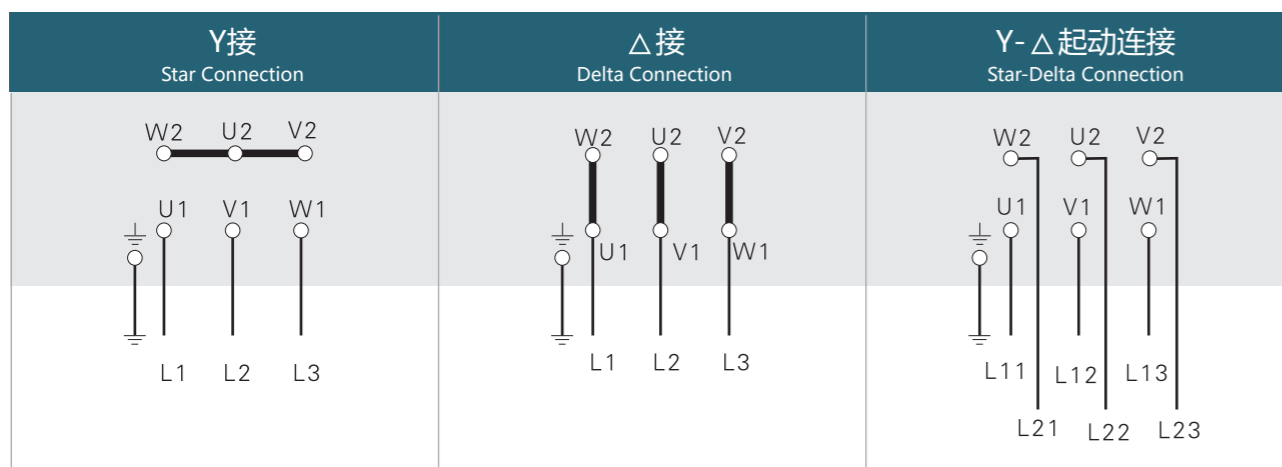
安装型式 Mounting Arrangements

卧式底脚安装 Foot mig horiz	凸缘安装 Flange mig	底脚凸缘安装 Foot/Flange mig	立式底脚安装 Foot mig vert
B3 IM1001 H80 ~ 355	B5 IM3001 H80 ~ 280	B35 IM2001 H80 ~ 355	
B6 IM1051 H80 ~ 160	V1 IM3011 H80 ~ 355	V15 IM2011 H80 ~ 160	V5 IM1011 H80 ~ 160
B7 IM1061 H80 ~ 160	V3 IM3031 H80 ~ 160	V36 IM2031 H80 ~ 160	V6 IM1031 H80 ~ 160
B8 IM1071 H80 ~ 160			

上出线接线盒 Top Terminal Box

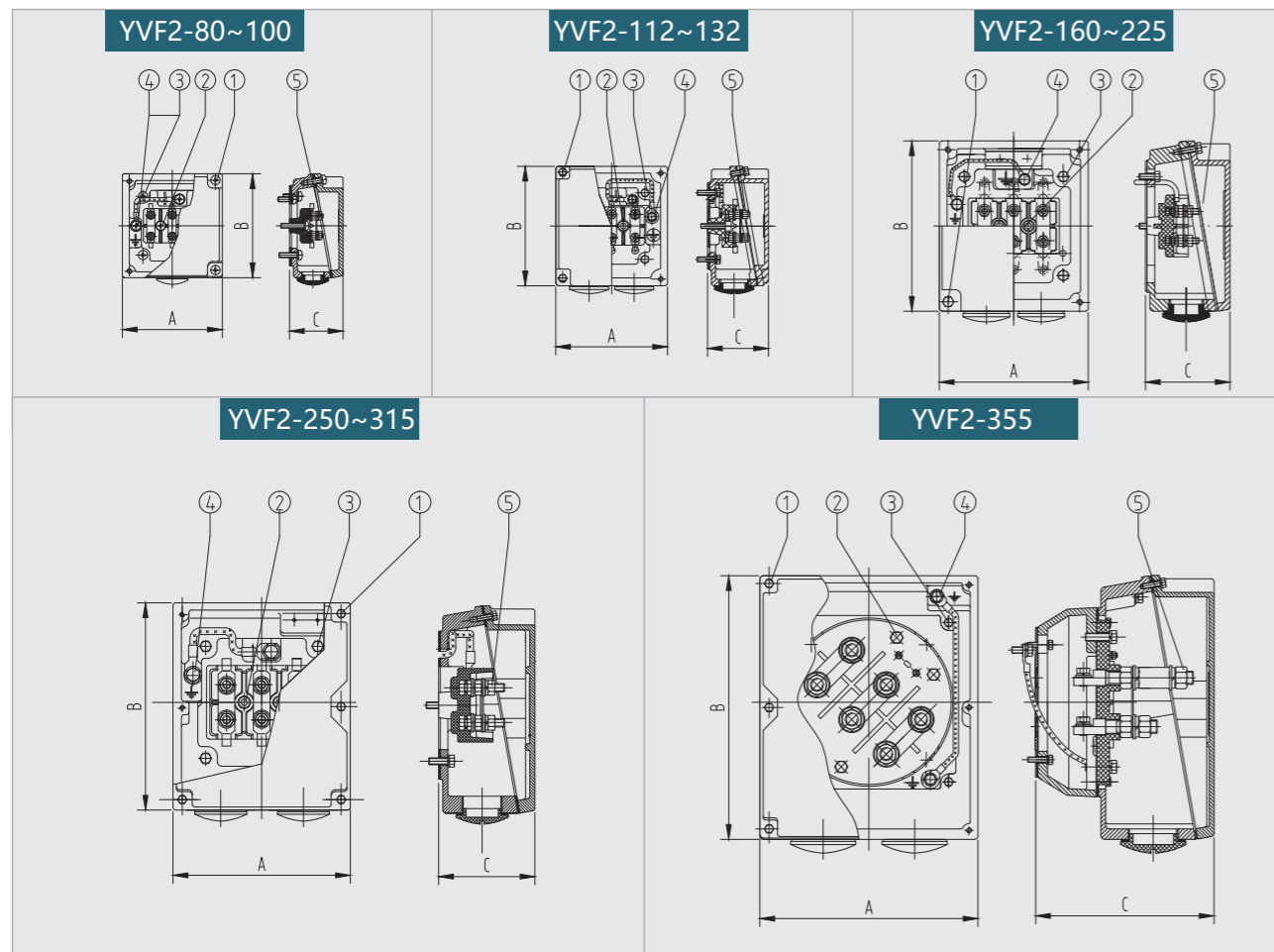


接线指示图 鼠笼式三相电动机 Connection Diagrams Three phase motors with cage rotor



机座号 Frame	A	B	C	1	2	3	4	5	螺纹尺寸 Gland Size	出线孔直径 Outlet(dia.)
YVF2-80	105	105	65	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YVF2-90~100	113	113	72	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YVF2-112~132	121	129	80	M5X16	M5X25	M5X20	M5X16	M5	2XM30X2	2XΦ15
YVF2-160~180	163	173	92	M6X16	M6X25	M6X16	M6X12	M6	2XM36X2	2XΦ25
YVF2-200~225	188	208	107	M8x25	M8x35	M8x25	M8x16	M8	2XM48x2	2XΦ36
YVF2-250~280	217	246	120	M8x25	M8x35	M8x25	M8x16	M10	2XM64x2	2XΦ51
YVF2-315	280	320	165	M10x25	M10x45	M10x30	M10x20	M12	2XM64x2	2XΦ51
YVF2-355	350	475	285	M12X30	M12X80	M12X30	M10X25	M20	2XM72X2	2XΦ52

侧出线接线盒 Side Terminal Box

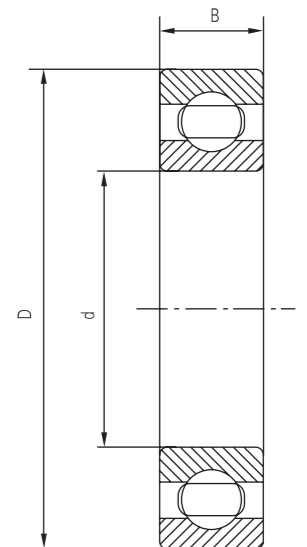


机座号 Frame	A	B	C	1	2	3	4	5	螺纹尺寸 Gland Size	出线孔直径 Outlet(dia.)
YVF2-80	95	95	56	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YVF2-90~100	105	109	56	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YVF2-112~132	117	125	65	M5X16	M5X25	M5X20	M5X16	M5	2XM30X2	2XΦ15
YVF2-160~180	155	177	87	M6X16	M6X25	M6X16	M6X12	M6	2XM36X2	2XΦ25
YVF2-200~225	176	212	107	M6X20	M8X35	M8X20	M8X16	M8	2XM48X2	2XΦ36
YVF2-250~280	212	248	115	M6X20	M8X35	M8X30	M8x16	M10	2XM64x2	2XΦ51
YVF2-315	276	332	164	M8x25	M10x45	M10x30	M10x20	M12	2XM64x2	2XΦ51
YVF2-355	340	410	275	M8X30	M12X40	M12X30	M10X25	M20	2XM72X2	2XΦ52

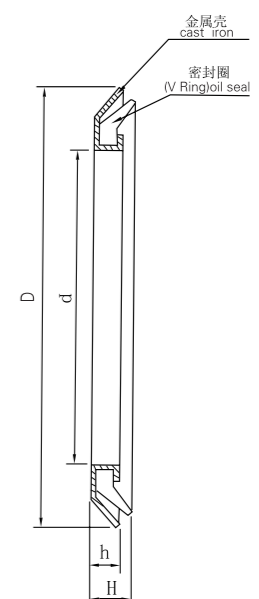
轴承、密封和润滑 Bearing、Seal & Lubrication

电机型号 Motor type	轴伸端 DE	非轴伸端 NDE	d	D	B
YVF2-80	6204ZZ	6204ZZ	20	47	14
YVF2-90	6205ZZ	6205ZZ	25	52	15
YVF2-100	6206ZZ	6206ZZ	30	62	16
YVF2-112	6306ZZ	6306ZZ	30	72	19
YVF2-132	6308ZZ	6308ZZ	40	90	23
YVF2-160	6309	6309	45	100	25
YVF2-180	6311	6311	55	120	29
YVF2-200	6312	6312	60	130	31
YVF2-225	6313	6313	65	140	33
YVF2-250	6314	6314	70	150	35
YVF2-280 2P	6314	6314	70	150	35
YVF2-280 4-8P	6317	6317	85	180	41
YVF2-315 2P	6316	6316	80	170	39
YVF2-315 4-8P	6319	6319	95	200	45
YVF2-355(2P) (B3,B35)	6319	6319	95	200	45
YVF2-355(2P)V1	6319	7319	95	200	45
YVF2-355(4-8P) (B3,B35)	6322	6322	110	240	50
YVF2-355(4-68)V1	6322	7322	110	240	50
YVF2-35512(2P) (B3,B35)	6319/C3	6319/C3	95	200	45
YVF2-35512(4-8P) (B3,B35)	NU324	6324	120	260	55
YVF2-35512(2P) V1	6319C3	7319	95	200	45
YVF2-35512(4-8P) V1	NU324	7324	110	260	55

轴承数据
bearing data

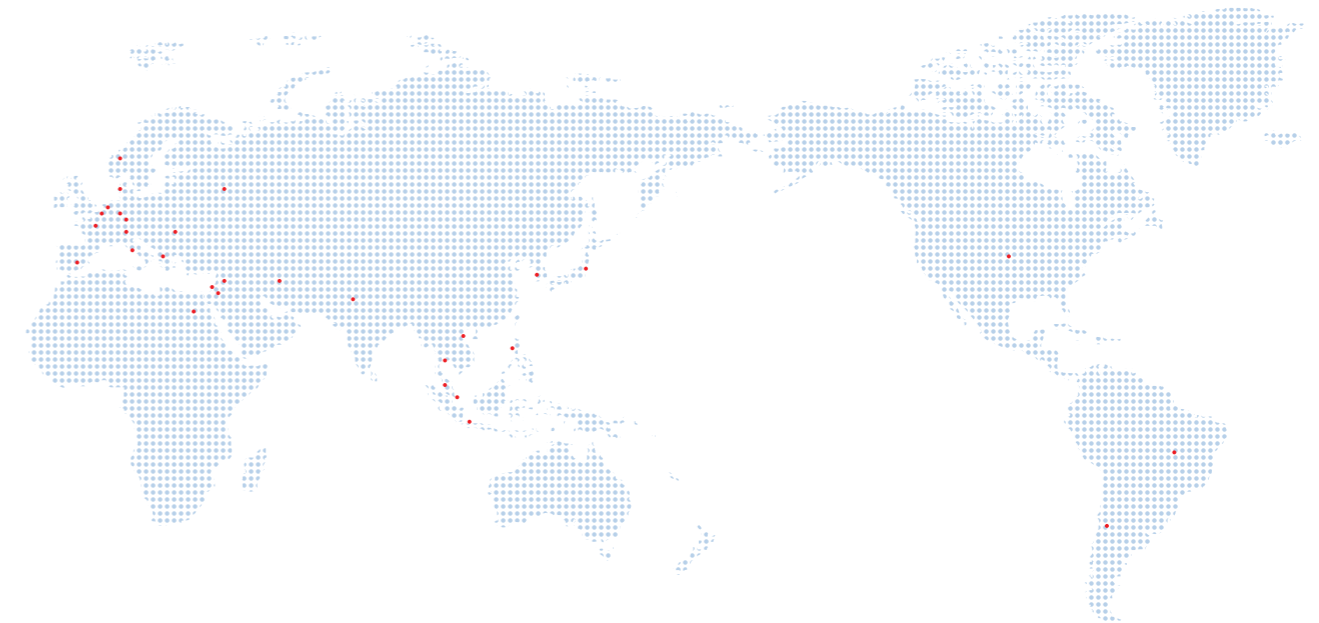


电机型号 Motor type	油封规格 Oil seal size	d	D	h	H
YVF2-80	RB20x35x4.0	Φ20	Φ35	3	6
YVF2-90	RB25x40x4.0	Φ25	Φ40	3	6
YVF2-100	RB30x47x4.5	Φ30	Φ47	3.5	6.5
YVF2-112	RB30x47x4.5	Φ30	Φ47	3.5	6.5
YVF2-132	RB40x57x4.5	Φ40	Φ57	3.5	6.5
YVF2-160	RB45x62x4.5	Φ45	Φ62	3.5	6.5
YVF2-180	RB55x75x5.5	Φ55	Φ75	4.5	6.5
YVF2-200	RB60x80x5.5	Φ60	Φ80	4.5	6.5
YVF2-225	RB65x85x5.5	Φ65	Φ85	4.5	8
YVF2-250	RB70x90x5.5	Φ70	Φ90	4.5	8
YVF2-280-2	RB70x90x5.5	Φ70	Φ90	4.5	8
YVF2-280-4.6.8	RB85x105x5.5	Φ85	Φ105	4.5	8
YVF2-315-2	RB80x100x5.5	Φ80	Φ100	4.5	8
YVF2-315-4.6.8	RB95x115x5.5	Φ95	Φ115	4.5	8



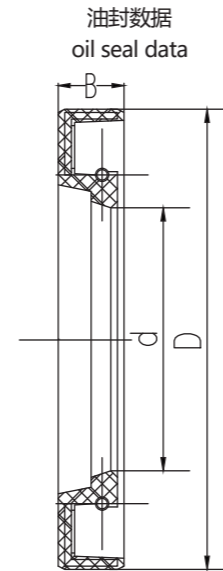
销售地区分布图

Sales Area Distribution Map



轴承、密封和润滑 Bearing、Seal & Lubrication

电机型号 Motor type	驱动端 (D.E.)			非驱动端 (N.D.E.)		
	d	D	B	d	D	B
YVF2-80	20	35	5	20	35	5
YVF2-90	25	40	5	25	40	5
YVF2-100	30	52	7	30	52	7
YVF2-112	30	52	7	30	52	7
YVF2-132	40	62	5	40	62	5
YVF2-160	45	65	8	45	65	8
YVF2-180	55	75	8	55	75	8
YVF2-200	60	80	8	60	80	8
YVF2-225	65	90	10	65	90	10
YVF2-250	70	95	10	70	95	10
YVF2-280-2	70	95	10	70	95	10
YVF2-280-4.6.8	85	110	12	85	110	12
YVF2-315-2	80	100	10	80	100	10
YVF2-315-4.6.8	95	120	12	95	120	12
YVF2-355-2	95	120	12	95	120	12
YVF2-355-4.6.8	110	140	12	110	140	12
YVF2-35512(2P)	95	120	12	95	120	12
YVF2-35512(4-8P)	120	150	12	120	150	12



- 电机配备了优质供应商制造的轴承，轴承采用C3游隙。
Motors are equipped with bearings from excellent manufacturers. In general the bearings have C3 clearances.
- 80~132机座号电动机装有封闭轴承。
Motors of frame sizes 80-132 are fitted with closed bearings.
- 160~355机座号电动机装有开放式轴承并带有注油装置。开放式轴承必须依据润滑脂的有效寿命按时加油，以使轴承达到预期寿命。
Motors of frame sizes 160-355 are fitted with open bearings and regreasing device. Depending on the useful life of grease, open bearings must be regreased in good time so that the scheduled bearing service life is reached.

电机型号 Motor type	轴伸端轴承 DE Bearing	非轴伸端轴承 NDE Bearing	添加润滑脂的期限 (运行小时数, 70°C以下) Regreasing period hours for operating temperatures up to 70°C			轴承室所需润滑脂用量 Quantity of grease in bearing chamber
			n < 3600r/min	n < 1800r/min	n < 1200r/min	
YVF2(YVF2)-160	6309	6309	6000	10000	16000	13
YVF2(YVF2)-180	6311	6311	4000	9000	14000	15
YVF2(YVF2)-200	6312	6312	3500	6500	11000	20
YVF2(YVF2)-225	6313	6313	3000	5500	8500	22
YVF2(YVF2)-250	6314	6314	2000	5000	8000	23
YVF2(YVF2)-280 2P	6314	6314	1200	-	-	30
YVF2(YVF2)-280 4-8P	6317	6317	-	4000	6000	35
YVF2(YVF2)-315 2P	6316	6316	1200	-	-	30
YVF2(YVF2)-315 4-8P	6319	6319	-	2000	3000	45
YVF2(YVF2)-355(2P) (B3,B35)	6319	6319	-	-	-	30
YVF2(YVF2)-355(2P)V1	6319	7319	1200	-	-	30
YVF2(YVF2)-355(4-8P) (B3,B35)	6322	6322	-	1400	2200	60
YVF2(YVF2)-355(4-8P)V1	6322	7322	-	1400	2200	60
YVF2(YVF2)-35512(2P) (B3,B35)	6319/C3	6319/C3	1200	-	-	30
YVF2(YVF2)-35512(4-8P) (B3,B35)	NU324	6324	-	1200	2000	80
YVF2(YVF2)-35512(2P) V1	6319C3	7319	1200	-	-	30
YVF2(YVF2)-35512(4-8P) V1	NU324	7324	-	1200	2000	80

注：1. 立式电动机添加润滑脂的时间应该是上述卧式电动机时间的一半。
Vertical motors should be greased twice as often as horizontal motors.
2. 当轴承运行温度超过70°C时，重新添加润滑脂的时间应该缩短。
Regreasing time should be reduced if bearing operating temperature is in excess of 70°C.

总公司地理位置图

Company Location Map



主要产品介绍 Main Product Introduction

YE3系列三相异步电动机 (H80-355)	YE3 Series 3-Phase Asynchronous Motor
YE4系列三相异步电动机 (H80-355)	YE4 Series 3-Phase Asynchronous Motor
YE5系列三相异步电动机 (H80-355)	YE5 Series 3-Phase Asynchronous Motor
YE3系列高温消防排烟风机专用电机 (H80-355)	YE3 Series Special Motor for Smoke and Heat Exhaust Ventilators
Y-H系列船用三相异步电动机 (H63-355)	Y-H Series 3-Phase Asynchronous Motor In Ships
YD系列变极多速三相异步电动机 (H80-315)	YD Series 3-Phase Multi-Speed Motor
YDT系列通风机用多速三相异步电动机 (H80-315)	YDT Series Ventilator used 3-Phase Multi-Speed Motor
YVF2系列变频调速三相异步电动机 (H80-355)	YVF2 Series Frequency Control 3-Phase Asynchronous Motor
YH系列高转差率三相异步电动机 (H80-315)	YH Series High Slip 3-Phase Asynchronous Motor
Y-W系列户外型三相异步电动机 (H80-355)	Y-W Series Outdoor used 3-Phase Asynchronous Motor
YT系列轴流式通风机用三相异步电动机 (H80-132)	YT Series Ventilator used 3-Phase Asynchronous Motor
1L(IP23)系列三相异步电动机(H160-355)	1L(IP23) Series 3-Phase Asynchronous Motor
Y(IP23)系列三相异步电动机 (H400-500)	Y(IP23) Series 3-Phase Asynchronous Motor
YZS系列起重用三相异步电动机 (H160-225)	YZS Series Crane 3-Phase Asynchronous Motor
YEJ系列电磁制动三相异步电动机 (H80-225)	YEJ Series Electromagnetic Braking 3-Phase Asynchronous Motor
YBK3系列煤矿井下用隔爆型三相异步电动机(H80-355)	YBK3 Series Flameproof 3-Phase Asynchronous Motor for Coal Mines
HM3系列三相异步电动机 (H80-355)	HM3 Series 3-Phase Asynchronous Motor
HM4系列三相异步电动机 (H80-355)	HM4 Series 3-Phase Asynchronous Motor
YB2-H、YB3-H系列船用隔爆型三相异步电动机(H80-355)	YB2-H、YB3-H Series Flameproof 3-Phase Asynchronous Motor For Ships
YBBP系列隔爆型变频调速三相异步电动机(H80-355)	YBBP Series Flameproof Frequency Control 3-Phase Asynchronous Motor
YBX3系列高效率隔爆型三相异步电动机(H80-355)	YBX3 Series High Efficiency Flameproof 3-Phase Asynchronous Motor
YBX4系列高效率隔爆型三相异步电动机(H80-355)	YBX4 Series High Efficiency Flameproof 3-Phase Asynchronous Motor
YBX5系列高效率隔爆型三相异步电动机(H80-355)	YBX5 Series High Efficiency Flameproof 3-Phase Asynchronous Motor
YFB3系列粉尘防爆型三相异步电动机(H80-355)	YFB3 Series Dust Explosion-Proof 3-Phase Asynchronous Motor
YFB4系列粉尘防爆型三相异步电动机(H80-355)	YFB4 Series Dust Explosion-Proof 3-Phase Asynchronous Motor
YFB5系列粉尘防爆型三相异步电动机(H80-355)	YFB5 Series Dust Explosion-Proof 3-Phase Asynchronous Motor
Y3系列三相异步电动机 (H355-450)	Y3 Series 3-Phase Asynchronous Motor
Y系列高压三相异步电动机 (H355-800)	Y Series High-Voltage 3-Phase Asynchronous Motor
YKK系列高压三相异步电动机 (H355-800)	YKK Series High-Voltage 3-Phase Asynchronous Motor
Y2系列高压三相异步电动机 (H355-560)	Y2 Series High-Voltage 3-Phase Asynchronous Motor
YX系列高效高压三相异步电动机 (6KV, H355-630)	YX Series High Efficiency High-Voltage 3-Phase Asynchronous Motor
YX系列高效高压三相异步电动机 (10KV, H400-630)	YX Series High Efficiency High-Voltage 3-Phase Asynchronous Motor
YR系列高压绕线转子三相异步电动机 (H355-1000)	YR Series High-Voltage 3-Phase Wound Rotor Asynchronous Motor
YRKK系列高压绕线转子三相异步电动机 (H355-1000)	YRKK Series High-Voltage 3-Phase Wound Rotor Asynchronous Motor
YFSS系列双馈异步风力发电机 (H450-630)	YFSS Series Doubly Fed Induction Windmill Generator
YFWK系列双馈异步风力发电机 (H500)	YFWK Series Doubly Fed Induction Windmill Generator

客户合作 Cooperative Partner

