

YE3系列三相异步电动机

YE3 SERIES SUPER-PREMIUM 3-PHASE ASYNCHRONOUS 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。

For special requirement, please contact us, we may supply special type of motor.

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: Rongcheng 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、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 its people will make the dream that "Creating a centennial Huali, Establishing a global brand" are being come true!



→ YE3 系列三相异步电动机



产品概述 Product introduction

YE3系列三相异步电动机符合GB18613-2020《电动机能效限定值及能效等级》中规定的三级效率标准。同时，符合IEC 60034-30-1:2014标准的IE3能效等级。

其提高效率设计，符合国家对生产制造行业提出节能降耗的要求。

YE3系列电机的安装尺寸符合IEC 60034标准。具有结构合理，外形美观，效率高，噪音低，防护等级、绝缘等级高、长寿、长可靠等优点，可广泛应用于风机、水泵、机床、压缩机和运输机械等驱动各种通用机械设备，具有超大的过载倍数，更可在石油、化工、钢铁、矿山等其它环境比较恶劣的场所使用。

YE3 series three-phase asynchronous motor is in line with the third efficiency standard in the provisions of GB18613-2020 "Minimum allowable values of energy efficiency and values of efficiency grades for motors". Meanwhile, IE3 efficiency standard is also be satisfied in the provisions of IEC 60034-30-1:2014.

Improvement on design of efficiency is in line with the state's requirements on the energy saving and consumption reducing of the manufacturing sector.

YE3 series motors with the mounting dimension in accordance with standard IEC 60034, it has good features like, optimum structure, attractive appearance, low noise, high efficiency, high protection class as well as high insulation class, long service life, reliability. YE3 series motors can be widely used in various kinds of general use machineries like fans, pumps, machine tools, compressors, transportation and so on, it has a large overload multiple, and can be used in the hazardous areas with oil and chemical, steel plants, mining industry.

↓ 详细说明 Specification

◆现场条件

YE3系列电动机可适用于大多数的场合及环境。电动机标准工作条件为-20°C 到+40°C，海拔1000米。

◆温升和绝缘

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

◆冷却和通风

标准冷却方式为全封闭自扇冷 (TEFC)。标准电机装有辅流式塑料风扇。符合 IEC 60034-6 中IC411 的规定。

◆防护等级

电动机的防护等级为 IP55, 可用于含尘或潮湿环境。也可根据客户要求提供更高防护等级的电动机。

◆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。

◆电压、频率

标准电机为380V/50HZ 可设计200-660V 范围内任意电压的50Hz 的电动机。在供电电压偏离额定电压±5%的情况下，仍能良好运行。

◆振动

YE3系列电动机在空载时振动速度等级符合A级。特殊要求时，可提供B级电动机。

◆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

YE3 series motors are suitable for almost all applications and operate satisfactorily at temperature from -20°C to +40°C and altitudes up to 1000 meters above sea level.

Temperature and insulation

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

Cooling and ventilation

The standard cooling method is totally Enclosed Fan Cooled (TEFC) in accordance with IC411 of IEC 60034-6. Standard motors are equipped with centrifuge plastic fans.

Protection class

The standard protection degree of motor is IP55, which make moist and dusty condition is also allowable. Higher degree of protection is also available according to customer's requirement.

Motor protection

The protection and measurement equipment to Winding and bearing such as PTC, PT100 are available on request.

Voltage and frequency

Standard voltage and frequency is 380V/ 50HZ, special value on voltage and frequency is available on request. The motors will operate satisfactorily with variations of ±5% from the rated voltage.

Vibration

Standard vibration class is A during no- load condition; higher vibration class B is available on request.

Quality assurance

Stringent quality procedures are observed from first design to finished products in accordance with ISO9001 documented quality systems.

技术数据 Technical Data

2极-同步转速3000r/min 50Hz

2pole-3000 rpm synchronous speed 50Hz

型号 motor type	额定功率 rated output kW	额定转速 rated speed rpm	额定电流 IFL 380V A	额定电流 IFL 400V A	额定电流 IFL 415V A	额定电流 IFL 525V A	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
YE3-63M1-2	0.18	2680	0.5	0.5	0.5	0.4	65.9%	0.8	0.6	2.3	2.2	7	0.0001	61	4.5
YE3-63M2-2	0.25	2700	0.7	0.6	0.6	0.5	69.7%	0.81	0.9	2.3	2.2	7	0.0002	61	5
YE3-71M1-2	0.37	2705	0.9	0.9	0.9	0.7	73.8%	0.81	1.3	2.3	2.2	7	0.0003	64	6
YE3-71M2-2	0.55	2720	1.3	1.2	1.2	0.9	77.8%	0.82	1.9	2.3	2.3	7	0.0005	64	12
YE3-80M1-2	0.75	2855	1.7	1.6	1.6	1.2	80.7%	0.82	2.5	2.3	2.3	7	0.001	62	19
YE3-80M2-2	1.1	2855	2.4	2.3	2.2	1.8	82.7%	0.83	3.7	2.2	2.3	7.6	0.002	62	20
YE3-90S-2	1.5	2880	3.2	3.1	3.0	2.3	84.2%	0.84	5.0	2.2	2.3	7.9	0.002	67	23
YE3-90L-2	2.2	2880	4.6	4.3	4.2	3.3	85.9%	0.85	7.3	2.2	2.3	7.9	0.003	67	32
YE3-100L-2	3	2880	6.0	5.7	5.5	4.4	87.1%	0.87	9.9	2.2	2.3	8.5	0.006	74	45
YE3-112M-2	4	2900	7.8	7.4	7.2	5.7	88.1%	0.88	13.2	2.2	2.3	8.5	0.009	77	50
YE3-132S1-2	5.5	2905	10.6	10.1	9.7	7.7	89.2%	0.88	18.1	2	2.3	8.5	0.024	79	66
YE3-132S2-2	7.5	2905	14.4	13.7	13.2	10.4	90.1%	0.88	24.7	2	2.3	8.5	0.029	79	75
YE3-160M1-2	11	2940	20.6	19.6	18.9	14.9	91.2%	0.89	35.7	2	2.3	8.5	0.067	81	115
YE3-160M2-2	15	2940	27.9	26.5	25.5	20.2	91.9%	0.89	48.7	2	2.3	8.5	0.080	81	125
YE3-160L-2	18.5	2940	34.2	32.5	31.3	24.7	92.4%	0.89	60.1	2	2.3	8.5	0.097	81	148
YE3-180M-2	22	2955	40.5	38.5	37.1	29.3	92.7%	0.89	71.1	2	2.3	8.5	0.137	83	192
YE3-200L1-2	30	2965	54.9	52.1	50.3	39.7	93.3%	0.89	96.6	2	2.3	8.5	0.227	84	245
YE3-200L2-2	37	2965	67.4	64.0	61.7	48.8	93.7%	0.89	119.2	2	2.3	8.5	0.269	84	265
YE3-225M-2	45	2970	80.8	76.8	74.0	58.5	94.0%	0.9	144.7	2	2.3	8	0.360	86	320
YE3-250M-2	55	2975	98.5	93.5	90.2	71.3	94.3%	0.9	176.6	2	2.3	8	0.791	89	435
YE3-280S-2	75	2975	133.7	127.0	122.4	96.8	94.7%	0.9	240.8	1.8	2.3	7.5	0.960	91	560
YE3-280M-2	90	2975	159.9	151.9	146.4	115.8	95.0%	0.9	288.9	1.8	2.3	7.5	1.157	91	600
YE3-315S-2	110	2980	195.1	185.3	178.6	141.2	95.2%	0.9	352.5	1.8	2.3	7.5	1.662	92	930
YE3-315M-2	132	2980	233.6	221.9	213.9	169.1	95.4%	0.9	423.0	1.8	2.3	7.5	1.874	92	1000
YE3-315L1-2	160	2980	279.4	265.5	255.9	202.3	95.6%	0.91	512.8	1.8	2.3	7.5	2.146	92	1120
YE3-315L-2	185	2980	322.8	306.6	295.5	233.6	95.7%	0.91	592.9	1.8	2.2	7.5	2.481	92	1140
YE3-315L2-2	200	2980	348.6	331.1	319.2	252.3	95.8%	0.91	640.9	1.8	2.2	7.5	2.448	92	1180
YE3-355M1-2	220	2980	383.4	364.3	351.1	277.5	95.8%	0.91	705.0	1.6	2.2	7.2	3.200	100	1560
YE3-355M2-2	250	2980	435.7	413.9	399.0	315.4	95.8%	0.91	801.2	1.6	2.2	7.2	3.800	100	1620
YE3-355L1-2	280	2980	488.0	463.6	446.8	353.2	95.8%	0.91	897.3	1.6	2.2	7.2	4.449	100	1720
YE3-355L2-2	315	2980	549.0	521.5	502.7	397.4	95.8%	0.91	1009.5	1.6	2.2	7.2	4.820	100	1830
YE3-3551-2	355	2980	618.7	587.8	566.5	447.8	95.8%	0.91	1137.6	1.6	2.2	7.2	5.200	104	2150
YE3-3552-2	375	2980	653.6	620.9	598.5	473.1	95.8%	0.91	1201.7	1.6	2.2	7.2	5.500	104	2280

技术数据 Technical Data

4极-同步转速1500r/min 50Hz

4pole-1500 rpm synchronous speed 50Hz

型号 motor type	额定功率 rated output kW	额定转速 rated speed rpm	额定电流 IFL 380V A	额定电流 IFL 400V A	额定电流 IFL 415V A	额定电流 IFL 525V A	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
YE3-63M1-4	0.12	1340	0.4	0.4	0.4	0.3	64.8%	0.72	0.9	2.1	2.2	6.6	0.0003	52	4.9
YE3-63M2-4	0.18	1340	0.5	0.5	0.5	0.4	69.9%	0.73	1.3	2.1	2.2	6.6	0.0004	52	5
YE3-71M1-4	0.25	1355	0.7	0.7	0.6	0.5	73.5%	0.74	1.8	2.1	2.2	6.6	0.0007	55	10
YE3-71M2-4	0.37	1355	1.0	0.9	0.9	0.7	77.3%	0.75	2.6	2.1	2.2	6.6	0.0008	55	11
YE3-80M1-4	0.55	1400	1.4	1.3	1.3	1.0	80.8%	0.75	3.8	2.3	2.3	6.6	0.0027	56	18
YE3-80M2-4	0.75	1420	1.8	1.7	1.7	1.3	82.5%	0.75	5.0	2.3	2.3	6.6	0.003	56	20
YE3-90S-4	1.1	1430	2.6	2.5	2.4	1									

技术数据 Technical Data

6极-同步转速1000r/min 50Hz

6pole-1000 rpm synchronous speed 50Hz

型号 motor type	额定功率 rated output kW	额定转速 rated speed rpm	额定电流 IFL 380V A	额定电流 IFL 400V A	额定电流 IFL 415V A	额定电流 IFL 525V A	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/IFL	最大转矩 额定转矩 TM/IFL	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
YE3-71M1-6	0.18	910	0.6	0.6	0.6	0.5	63.9%	0.66	1.9	1.9	2.0	6	0.0011	52	7.3
YE3-71M2-6	0.25	910	0.8	0.8	0.7	0.6	68.6%	0.68	2.6	1.9	2.0	6	0.0013	52	7.9
YE3-80M1-6	0.37	940	1.1	1.0	1.0	0.8	73.5%	0.7	3.8	1.9	2.0	6	0.0033	54	16
YE3-80M2-6	0.55	940	1.5	1.4	1.4	1.1	77.2%	0.72	5.6	1.9	2.1	6	0.0037	54	18
YE3-90S-6	0.75	940	2.0	1.9	1.9	1.5	78.9%	0.71	7.6	2.0	2.1	6	0.004	57	25
YE3-90L-6	1.1	940	2.8	2.7	2.6	2.0	81.0%	0.73	11.2	2.0	2.1	6	0.006	57	30
YE3-100L-6	1.5	950	3.8	3.6	3.5	2.7	82.5%	0.73	15.1	2.0	2.1	6.5	0.016	61	40
YE3-112M-6	2.2	950	5.4	5.1	4.9	3.9	84.3%	0.74	22.1	2.0	2.1	6.6	0.039	65	46
YE3-132S-6	3	965	7.2	6.8	6.6	5.2	85.6%	0.74	29.7	2.0	2.1	6.8	0.035	69	60
YE3-132M1-6	4	965	9.5	9.0	8.7	6.8	86.8%	0.74	39.6	2.0	2.1	6.8	0.043	69	70
YE3-132M2-6	5.5	965	12.7	12.0	11.6	9.2	88.0%	0.75	54.4	2.0	2.1	7	0.056	69	80
YE3-160M-6	7.5	975	16.2	15.4	14.8	11.7	89.1%	0.79	73.5	2.0	2.1	7	0.140	73	119
YE3-160L-6	11	975	23.1	22.0	21.2	16.7	90.3%	0.80	107.7	2.0	2.1	7.2	0.192	73	142
YE3-180L-6	15	975	30.9	29.3	28.2	22.3	91.2%	0.81	146.9	2.0	2.1	7.3	0.319	73	190
YE3-200L1-6	18.5	975	37.8	36.0	34.7	27.4	91.7%	0.81	181.2	2.0	2.1	7.3	0.446	73	230
YE3-200L2-6	22	975	44.8	42.5	41.0	32.4	92.2%	0.81	215.5	2.0	2.1	7.4	0.557	73	260
YE3-225M-6	30	985	59.1	56.2	54.1	42.8	92.9%	0.83	290.9	2.0	2.1	6.9	0.832	74	310
YE3-250M-6	37	985	71.7	68.1	65.7	51.9	93.3%	0.84	358.7	2.0	2.1	7.1	1.45	76	410
YE3-280S-6	45	985	85.8	81.6	78.6	62.1	93.7%	0.85	436.3	2.0	2.0	7.3	2.25	78	500
YE3-280M-6	55	985	103.3	98.1	94.6	74.7	94.1%	0.86	533.2	2.0	2.0	7.3	2.73	78	580
YE3-315S-6	75	990	143.4	136.2	131.3	103.8	94.6%	0.84	723.5	2.0	2.0	6.6	3.98	83	850
YE3-315M-6	90	990	169.5	161.0	155.2	122.7	94.9%	0.85	868.2	2.0	2.0	6.7	4.50	83	950
YE3-315L1-6	110	990	206.8	196.4	189.3	149.7	95.1%	0.85	1061.1	2.0	2.0	6.7	5.61	83	1020
YE3-315L2-6	132	990	244.5	232.2	223.8	176.9	95.4%	0.86	1273.3	2.0	2.0	6.8	6.93	83	1140
YE3-355M1-6	160	990	295.7	280.9	270.7	214.0	95.6%	0.86	1543.4	1.8	2.0	6.7	10.5	85	1600
YE3-355M-6	185	990	341.5	324.5	312.7	247.2	95.7%	0.86	1784.6	1.8	2.0	6.8	11.9	85	1680
YE3-355M2-6	200	990	364.6	346.4	333.8	263.9	95.8%	0.87	1929.3	1.8	2.0	6.8	12.9	85	1730
YE3-355L1-6	220	990	401.1	381.0	367.2	290.3	95.8%	0.87	2122.2	1.8	2.0	6.8	13.4	85	1810
YE3-355L2-6	250	990	455.7	433.0	417.3	329.9	95.8%	0.87	2411.6	1.8	2.0	6.8	13.9	85	1960
YE3-3551-6	280	990	510.4	484.9	467.4	369.5	95.8%	0.87	2701.0	1.8	2.0	6.8	14.3	91	2350
YE3-3552-6	315	990	574.2	545.5	525.8	415.6	95.8%	0.87	3038.6	1.8	2.0	6.8	14.8	91	2440

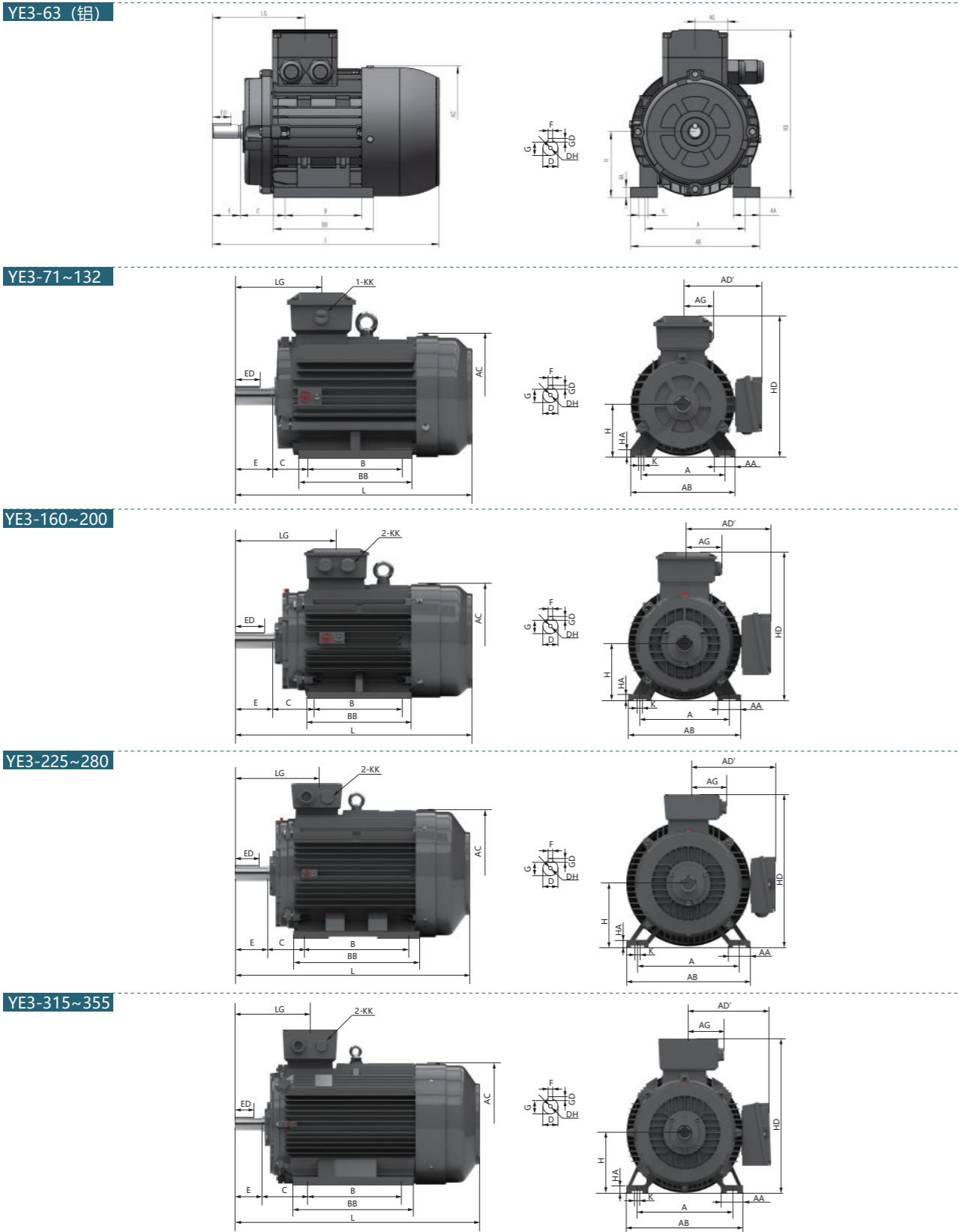
技术数据 Technical Data

8极-同步转速750r/min 50Hz

8pole-750 rpm synchronous speed 50Hz

型号 motor type	额定功率 rated output kW	额定转速 rated speed rpm	额定电流 IFL 380V A	额定电流 IFL 400V A	额定电流 IFL 415V A	额定电流 IFL 525V A	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/IFL	最大转矩 额定转矩 TM/IFL	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
YE3-80M1-8	0.18	635	0.8	0.7	0.7	0.6	58.7%	0.61	2.7	1.8	1.9	5.2	0.0023	52	16
YE3-80M2-8	0.25	635	1.0	0.9	0.9	0.7	64.1%	0.61	3.8	1.8	1.9	5.7	0.0029	52	18
YE3-90S-8	0.37	665	1.3	1.3	1.2	1.0	69.3%	0.61	5.3	1.8	1.9	6.2	0.004	56	24
YE3-90L-8	0.55	665	1.9	1.8	1.7	1.4	73.0%	0.61	7.9	1.8	2.0	5.9	0.006	56	28
YE3-100L1-8	0.75	690	2.3	2.2	2.1	1.6	75.0%	0.67	10.4	1.8	2.0	6.2	0.008	59	40
YE3-100L2-8	1.1	690	3.1	3.0	2.9	2.3	77.7%	0.69	15.2	1.8	2.0	6.2	0.010	59	42
YE3-112M-8	1.5	690	4.1	3.9	3.7	3.0	79.7%	0.70	20.8	1.8	2.0	6.7	0.017	61	45
YE3-132S-8	2.2	710	5.7	5.5	5.3	4.2	81.9%	0.71	29.6	1.8	2.0	6.7	0.031	64	60
YE3-132M-8	3	710	7.5	7.1	6.8	5.4	83.5%	0.73	4						

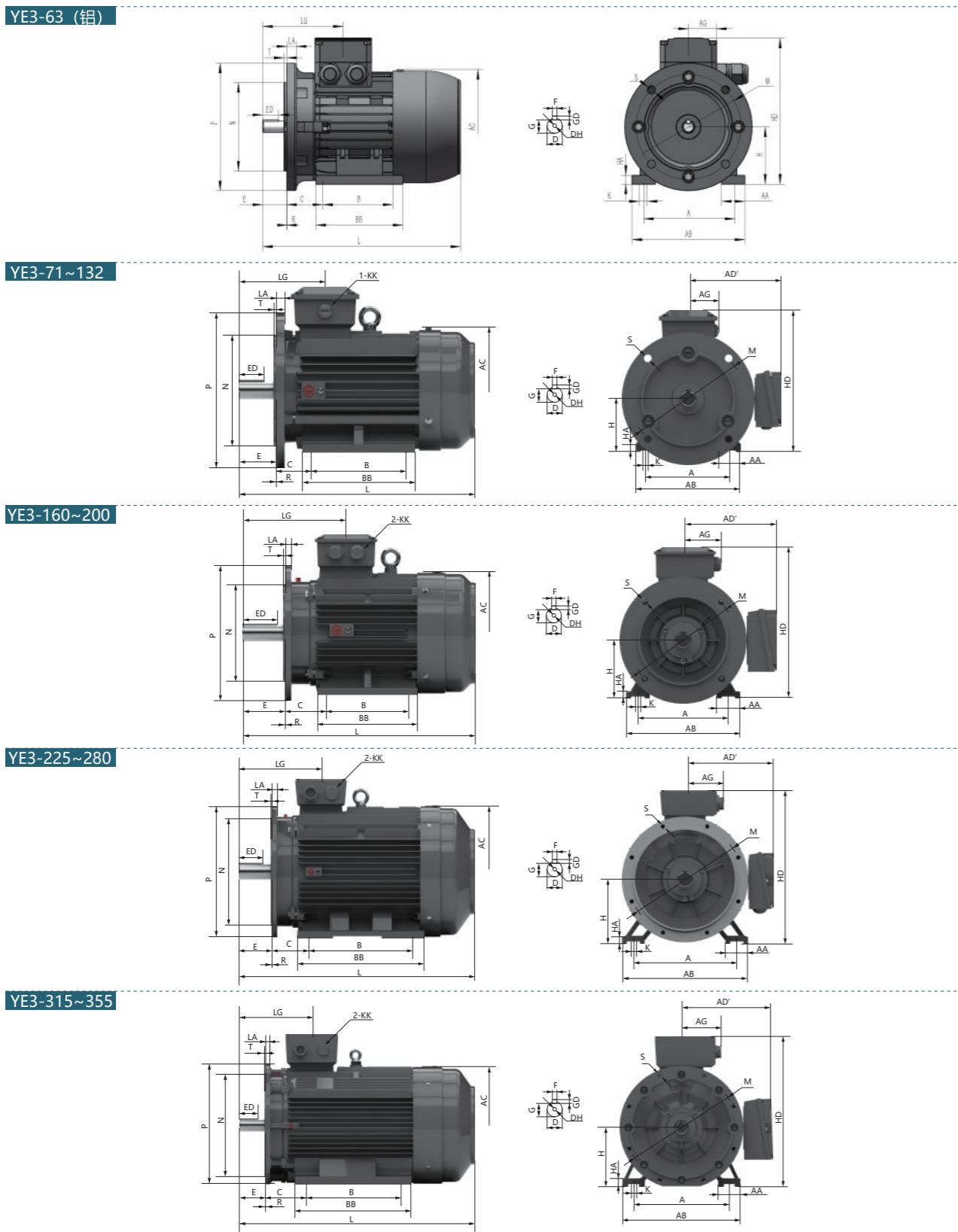
▼ B3外形及安装尺寸 Dimensions Foot Mount B3



▼ 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
63M	2-4	100	23	120	140	-	35	80	105	40	11	M3x9	23	12	4	8.5	4	63	10	165	7x12	M20x15+M16x15	235	85
71M	2-6	112	32	144	150	-	51	90	120	45	14	M4x10	30	20	5	11	5	71	8	205	7	M24x1.5	255	100
80M	2-8	125	34	165	190	145	51	100	142	50	19	M6X16	40	22	6	15.5	6	80	10	235	10	M24X1.5	301	115
90S	2-8	140	36	180	195	155	60	100	180	56	24	M8X19	50	32	8	20	7	90	12.5	260	10	M24X1.5	360	129
90L	2-8	140	36	180	195	155	60	125	210	56	24	M8X19	50	32	8	20	7	90	12.5	260	10	M24X1.5	390	129
100L	2-8	160	40	205	215	165	60	140	233	63	28	M10X22	60	40	8	24	7	100	14	275	12	M24X1.5	433.5	147
112M	2-8	190	45	230	236	185	75	140	252	70	28	M10X22	60	40	8	24	7	112	14	307	12	M30X2	461	144
132S	2-8	216	52	270	275	205	75	140	220	89	38	M12X28	80	56	10	33	8	132	16	347	12	M30X2	491.5	169
132M	2-8	216	52	270	275	205	75	178	258	89	38	M12X28	80	56	10	33	8	132	16	347	12	M30X2	529.5	169
160M	2-8	254	67	320	330	250	95	210	305	108	42	M16X36	110	80	12	37	8	160	19	425	14.5	M36X2	657.5	270
160L	2-8	254	67	320	330	250	95	254	325	108	42	M16X36	110	80	12	37	8	160	19	425	14.5	M36X2	679.5	270
180M	2-8	279	74	350	380	270	95	241	325	121	48	M16X36	110	80	14	42.5	9	180	22	460	14.5	M36X2	721	277
180L	2-8	279	74	350	380	270	95	279	370	121	48	M16X36	110	80	14	42.5	9	180	22	460	14.5	M36X2	769	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	781	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	831	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	821	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	856	340
250M	2	406	88	495	520	370	160	349	440	168	60	M20X42	140	100	18	53	11	250	33	620	24	M64X2	935	360
250M	4-8	406	88	495	520	370	160	349	440	168	65	M20X42	140	100	18	58	11	250	33	620	24	M64X2	941	360
280S	2	457	100	550	570	395	160	368	495	190	65	M20X42	140	100	18	58	11	280	35	685	24	M64X2	965	350
280S	4-8	457	100	550	570	395	160	368	495	190	75	M20X42	140	100	20	67.5	12	280	35	685	24	M64X2	969	350
280M	2	457	100	550	570	395	160	419	535	190	65	M20X42	140	100	18	58	11	280	35	685	24	M64X2	1005	350
280M	4-8	457	100	550	570	395	160	419	535	190	75	M20X42	140	100	20	67.5	12	280	35	685	24	M64X2	1009	350
315S	2	508	120	635	650	495	195	406	515	216	65	M20X42	140	100	18	58	11	315	45	820	28	M64X2	1145	387
315M	2	508	120	635	650	495	195	457	625	216	65	M20X42	140	100	18	58	11	315	45	820	28	M64X2	1255	387
315L	2	508	120	635	650	495	195	508	625	216	65	M20X42	140	100	18	58	11	315	45	820	28	M64X2	1255	387
315S	4-8	508	120	635	650	495	195	406	515	216	80	M20X42	170	130	22	71	14	315	45	820	28	M64X2	1196	417
315M	4-8	508	120	635	650	495	195	457	625	216	80	M20X42	170	130	22	71	14	315	45	820	28	M64X2	1306	417
315L	4-8	508	120	635	650	495	195	508	625	216	80	M20X42	170	130	22	71	14	315	45	820	28	M64X2	1306	417
355M	2	610	125	735	735	640	260	560	775	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	M72X2	1500	415
355L	2	610	125	735	735	640	260	630	775	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	M72X2	1500	415
355M	4-8	610	125	735	735	640	260	560	775	254	95	M24X50	170	140	25	86	14	355	49	1000	28	M72X2	1530	445
355L	4-8	610	125	735	735	640	260	630	775	254	95	M24X50	170	140	25	86	14	355	49	1000	28	M72X2	1530	445
355L加长	2	610	125	735	735	640	260	630	875	254	95	M24X50	170	140	25	86	14	355	49	1000	28	M72X2	1600</	

► 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

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	L*	LA	LG	M	N	P	S	T	KK
63M	2-4	100	23	120	140	-	35	80	105	40	11	M3x9	23	12	4	8.5	4	63	10	165	7x12	235	8	85	115	95	140	10	3	M20x15-M16x15
71M	2-6	112	32	144	150	-	51	90	120	45	14	M4x10	30	20	5	11	5	71	8	205	7	255	12	100	130	110	160	10	3.5	M24x1.5
80M	2-8	125	34	165	190	145	51	100	142	50	19	M6X16	40	22	6	15.5	6	80	10	235	10	301	14	115	165	130	200	12	3.5	M24X1.5
90S	2-8	140	36	180	195	155	60	100	180	56	24	M8X19	50	32	8	20	7	90	12.5	260	10	360	12	129	165	130	200	12	3.5	M24X1.5
90L	2-8	140	36	180	195	155	60	125	210	56	24	M8X19	50	32	8	20	7	90	12.5	260	10	390	12	129	165	130	200	12	3.5	M24X1.5
100L	2-8	160	40	230	215	165	60	140	233	63	28	M10X22	60	40	8	24	7	100	14	275	12	433.5	14	147	215	180	250	14.5	4	M24X1.5
112M	2-8	190	45	230	236	185	75	140	252	70	28	M10X22	60	40	8	24	7	112	14	307	12	461	12	144	215	180	250	14.5	4	M30X2
132S	2-8	216	52	270	275	205	75	140	220	89	38	M12X28	80	56	10	33	8	132	16	347	12	491.5	14	169	265	230	300	14.5	4	M30X2
132M	2-8	216	52	270	275	205	75	178	258	89	38	M12X28	80	56	10	33	8	132	16	347	12	529.5	14	169	265	230	300	14.5	4	M30X2
160M	2-8	254	67	320	330	250	95	210	305	108	42	M16X36	110	80	12	37	8	160	19	425	14.5	657.5	15	270	300	250	350	18.5	5	M36X2
160L	2-8	254	67	320	330	250	95	254	325	108	42	M16X36	110	80	12	37	8	160	19	425	14.5	679.5	15	270	300	250	350	18.5	5	M36X2
180M	2-8	279	74	350	380	270	95	241	325	121	48	M16X36	110	80	14	42.5	9	180	22	460	14.5	721	15	277	300	250	350	18.5	5	M36X2
180L	2-8	279	74	350	380	270	95	279	370	121	48	M16X36	110	80	14	42.5	9	180	22	460	14.5	769	15	277	300	250	350	18.5	5	M36X2
200L	2-8	318	75	395	420	325	120	305	370	133	55	M20X42	110	80	16	49	10	200	25	515	18.5	781	17	298	350	300	400	18.5	5	M48X2
225S	4-8	356	80	436	465	335	120	286	355	149	60	M20X42	140	100	18	53	11	225	28	560	18.5	831	19	340	400	350	450	18.5	5	M48X2
225M	2	356	80	436	465	335	120	311	380	149	55	M20X42	110	80	16	49	10	225	28	560	18.5	821	19	310	400	350	450	18.5	5	M48X2
225M	4-8	356	80	436	465	335	120	311	380	149	60	M20X42	140	100	18	53	11	225	28	560	18.5	856	19	340	400	350	450	18.5	5	M48X2
250M	2	406	88	495	520	370	160	349	440	168	60	M20X42	140	100	18	53	11	250	33	620	24	935	20	360	500	450	550	18.5	5	M64X2
250M	4-8	406	88	495	520	370	160	349	440	168	65	M20X42	140	100	18	58	11	250	33	620	24	941	20	360	500	450	550	18.5	5	M64X2
280S	2	457	100	550	570	395	160	368	495	190	65	M20X42	140	100	18	58	11	280	35	685	24	965	22	350	500	450	550	18.5	5	M64X2
280S	4-8	457	100	550	570	395	160	368	495	190	75	M20X42	140	100	20	67.5	12	280	35	685	24	969	22	350	500	450	550	18.5	5	M64X2
280M	2	457	100	550	570	395	160	419	535	190	65	M20X42	140	100	18	58	11	280	35	685	24	1005	22	350	500	450	550	18.5	5	M64X2
280M	4-8	457	100	550	570	395	160	419	535	190	75	M20X42	140	100	20	67.5	12	280	35	685	24	1009	22	350	500	450	550	18.5	5	M64X2
315S	2	508	120	635	650	495	195	406	515	216	65	M20X42	140	100	18	58	11	315	45	820	28	1145	24	387	600	550	660	24	6	M64X2
315M	2	508	120	635	650	495	195	457	625	216	65	M20X42	140	100	18	58	11	315	45	820	28	1255	24	387	600	550	660	24	6	M64X2
315L	2	508	120	635	650	495	195	508	625	216	65	M20X42	140	100	18	58	11	315	45	820	28	1255	24	387	600	550	660	24	6	M64X2
315S	4-8	508	120	635	650	495	195	406	515	216	80	M20X42	170	130	22	71	14	315	45	820	28	1196	24	417	600	550	660	24	6	M64X2
315M	4-8	508	120	635	650	495	195	457	625	216	80	M20X42	170	130	22	71	14	315	45	820	28	1306	24	417	600	550	660	24	6	M64X2
315L	4-8	508	120	635	650	495	195	508	625	216	80	M20X42	170	130	22	71	14	315	45	820	28	1306	24	417	600	550	660	24	6	M64X2
355M	2	610	125	735	735	640	26	560	775	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	1500	25	415	740	680	800	24	6	M72X2
355L	2	610	125	735	735	640	260	630	775	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	1500	25	415	740	680	800	24	6	M72X2
355M	4-8	610	125	735	735	640	260	560	775	254	95	M24X50	170	140	25	86	14	355	49	1000	28	1530	25	445	740	680	800	24	6	M72X2
355L	4-8	610	125	735	735	640	260	630	775	254	95	M24X50	170	140	25	86	14	355	49	1000	28	1530	25	445	740	680	800	24	6	M72X2
355L加长	2	610	125	735	735	640	260	630	875	254	75	M24X50	140	110	20	67.5	12	355	49	1000	28	1600	25	415	740	680	800	24	6	M72X2
355L加长	4-8	610	125	735	735	640	260	630	875	254	95	M24X50	170	140	25	86	14	355	49	1000	28	1630	25	445	740	680	800	24	6	M72X2

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。

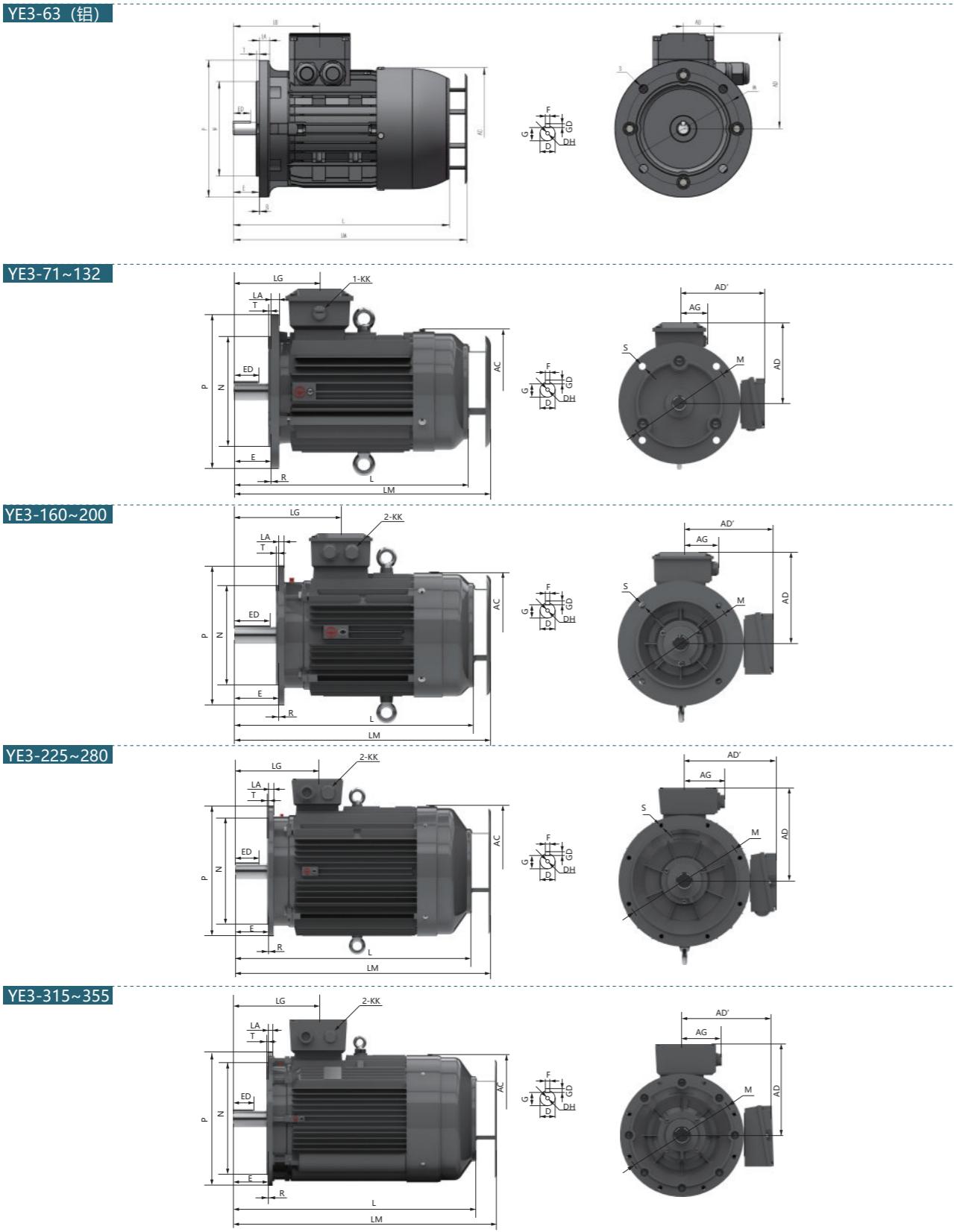
The "DH" defaults to a non-threaded center hole and it can be machined into a threaded hole as required.

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 8

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。

▼ B5&V1外形及安装尺寸 Dimensions Flange Mount B5&V1



▼ B5&V1外形及安装尺寸 Dimensions Flange Mount B5&V1

机座号	极数	AC*	D	AD	AD'	AG	DH*	E	ED	F	G	GD	LA	LG	M	N	P	S	T	KK	L*	LM*
63M	2-4	140	11	102	-	35	M3x9	23	12	4	8.5	4	8	85	115	95	140	10	3	M20x1.5+M16x1.5	235	-
71M	2-6	150	14	134	-	51	M4x10	30	20	5	11	5	12	100	130	110	160	10	3.5	M24x1.5	255	-
80M	2-8	190	19	155	145	51	M6X16	40	22	6	15.5	6	14	115	165	130	200	12	3.5	M24x1.5	301	-
90S	2-8	195	24	170	155	60	M8X19	50	32	8	20	7	12	129	165	130	200	12	3.5	M24x1.5	360	-
90L	2-8	195	24	170	155	60	M8X19	50	32	8	20	7	12	129	165	130	200	12	3.5	M24x1.5	390	-
100L	2-8	215	28	175	165	60	M10X22	60	40	8	24	7	14	147	215	180	250	14.5	4	M24x1.5	433.5	-
112M	2-8	236	28	195	185	75	M10X22	60	40	8	24	7	12	144	215	180	250	14.5	4	M30x2	461	-
132S	2-8	275	38	215	205	75	M12X28	80	56	10	33	8	14	169	265	230	300	14.5	4	M30x2	491.5	-
132M	2-8	275	38	215	205	75	M12X28	80	56	10	33	8	14	169	265	230	300	14.5	4	M30x2	529.5	-
160M	2-8	330	42	265	250	95	M16X36	110	80	12	37	8	15	270	300	250	350	18.5	5	M36x2	657.5	702.5
160L	2-8	330	42	265	250	95	M16X36	110	80	12	37	8	15	270	300	250	350	18.5	5	M36x2	679.5	724.5
180M	2-8	380	48	280	270	95	M16X36	110	80	14	42.5	9	15	277	300	250	350	18.5	5	M36x2	721	766
180L	2-8	380	48	280	270	95	M16X36	110	80	14	42.5	9	15	277	300	250	350	18.5	5	M36x2	769	814
200L	2-8	420	55	315	325	120	M20X42	110	80	16	49	10	17	298	350	300	400	18.5	5	M48x2	781	856
225S	4-8	465	60	335	335	120	M20X42	140	100	18	53	11	19	340	400	350	450	18.5	5	M48x2	831	906
225M	2	465	55	335	335	120	M20X42	110	80	16	49	10	19	310	400	350	450	18.5	5	M48x2	821	896
225M	4-8	465	60	335	335	120	M20X42	140	100	18	53	11	19	340	400	350	450	18.5	5	M48x2	856	931
250M	2	520	60	375	370	160	M20X42	140	100	18	53	11	20	360	500	450	550	18.5	5	M64x2	935	1010
250M	4-8	520	65	375	370	160	M20X42	140	100	18	58	11	20	360	500	450	550	18.5	5	M64x2	941	1016
280S	2	570	65	395	400	160	M20X42	140	100	18	58	11	22	350	500	450	550	18.5	5	M64x2	965	1050
280S	4-8	570	75	395	400	160	M20X42	140	100	20	67.5	12	22	350	500	450	550	18.5	5	M64x2	969	1054
280M	2	570	65	395	400	160	M20X42	140	100	18	58	11	22	350	500	450	550	18.5	5	M64x2	1005	1090
280M	4-8	570	75	395	400	160	M20X42	140	100	20	67.5	12	22	350	500	450	550	18.5	5	M64x2	1009	1094
315S	2	650	65	500	495	195	M20X42	140	100	18	58	11	24	387	600	550	660	24	6	M64x2	1145	1230
315M	2	650	65	500	495	195	M20X42	140	100	18	58	11	24	387	600	550	660	24	6	M64x2	1255	1340
315L	2	650	65	500	495	195	M20X42	140	100	18	58	11	24	387	600	550	660	24	6	M64x2	1255	1340
315S	4-8	650	80	500	495	195	M20X42	170	130	22	71	14	24	417	600	550	660	24	6	M64x2	1196	1281
315M	4-8	650	80	500	495	195	M20X42	170	130	22	71	14	24	417	600	550	660	24	6	M64x2	1306	1391
315L	4-8	650	80	500	495	195	M20X42	170	130	22	71	14	24	417	600	550	660	24	6	M64x2	1306	1391
355M(V1)	2	735	75	640	645	260	M24X50	140	110	20	67.5	12	25	415	740	680	800	24	6	M72x2	1500	1600
355L(V1)	2	735	75	640	645	260	M24X50	140	110	20	67.5	12	25	415	740	680	800	24	6	M72x2	1500	1600
355M(V1)	4-8	735	95	640	645	260	M24X50	170	140	25	86	14	25	445	740	680	800	24	6	M72x2	1530	1630
355L(V1)	4-8	735	95	640	645	260	M24X50	170	140	25	67.5	14	25	445	740	680	800	24	6	M72x2	1600	1700
355L加长	4-8	735	95	640	645	260	M24X50	170	140	25	67.5	14	25	445	740	680	800	24	6	M72x2	1630	1730

注1.图中R尺寸值均为0。The 'R' dimension 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.

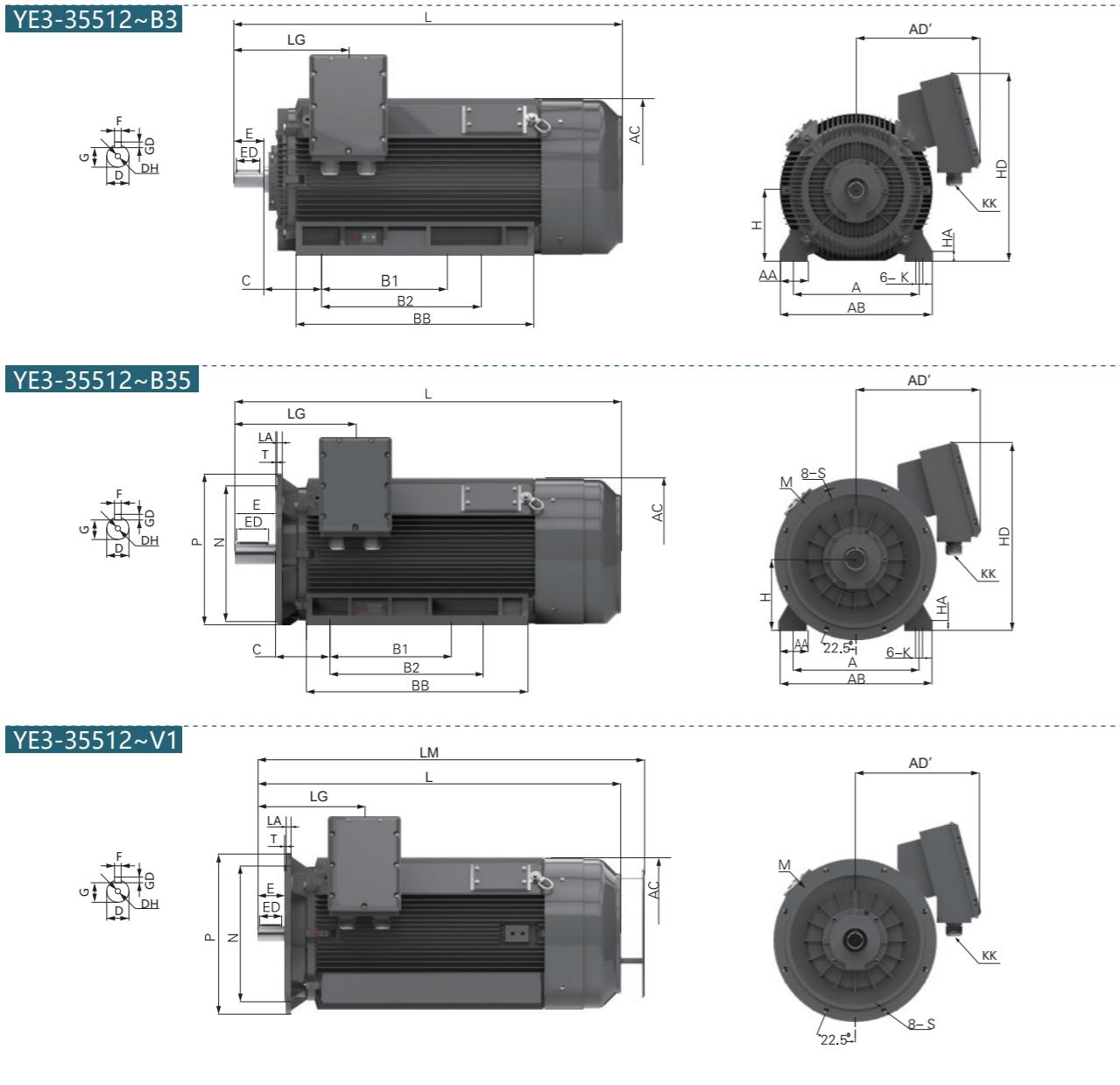
3.80-132机座号的L和LM尺寸公差±5,160-355机座号的L和LM尺寸公差±8。

The dimension of 'L' and 'LM' 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.

35512外形及安装尺寸 Mounting Dimensions 35512



机座号	Frame	极数	A	AA	AB	AC*	AD'	B1	B2	BB	C	D	DH*	E	ED	F	G	GD	H	HA	HD	K	LA	L*	LM*	LG	M	N	P	S	T	KK
35512	2	630	140	760	760	630	630	800	1110	224	80	M20X42	170	140	22	71	14	355	49	950	35	28	1850	1950	545	840	780	900	24	6	M72*2	
35512	4-8	630	140	760	760	630	630	800	1110	224	110	M24X50	210	160	28	100	16	355	49	950	35	28	1940	2040	585	840	780	900	24	6	M72*2	

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.图中L和LM尺寸公差±8。

The dimension of 'L' and 'LM' with tolerance ± 8 .

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。

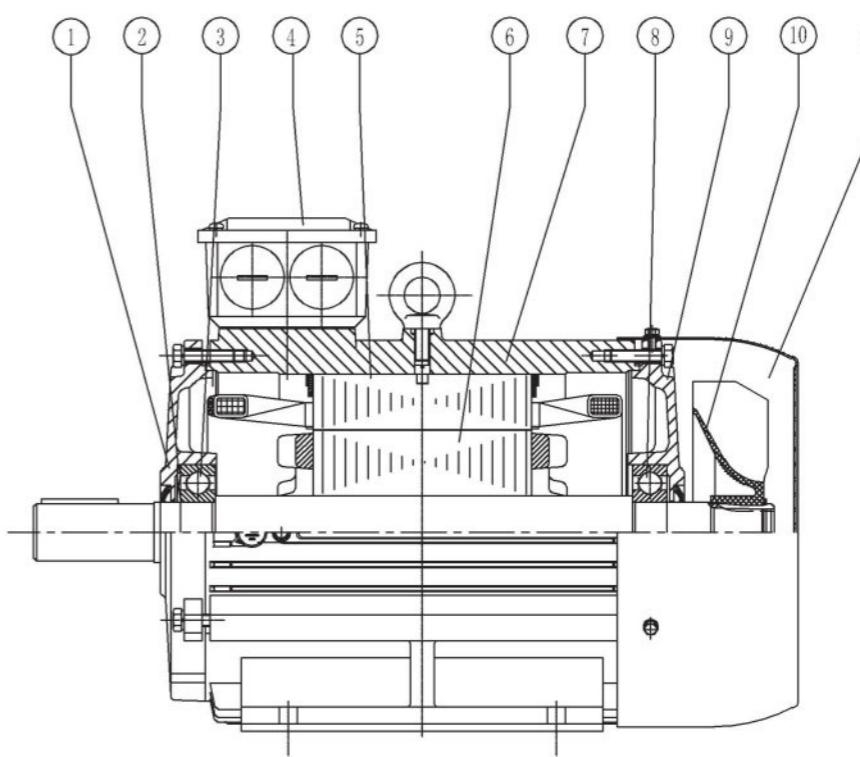
AC and L dimensions are the maximum external dimensions, and the details are subject to the confirmed drawings.

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

YE3 63~132FRAME

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	Terminal box 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	

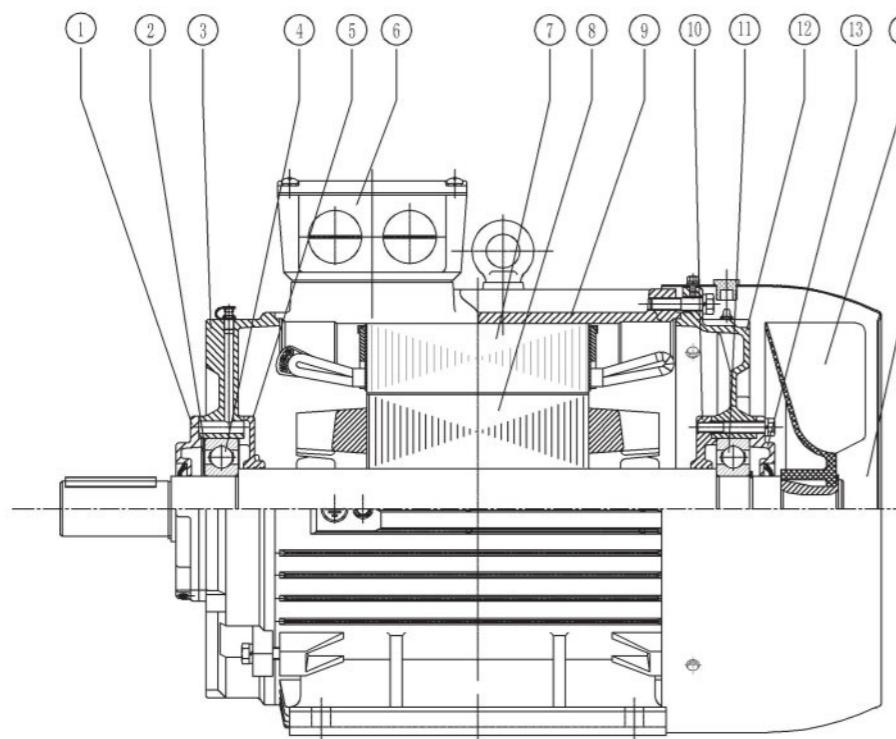


► 装配图及零部件明细表 *Arrangement And Parts List*

YE3 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

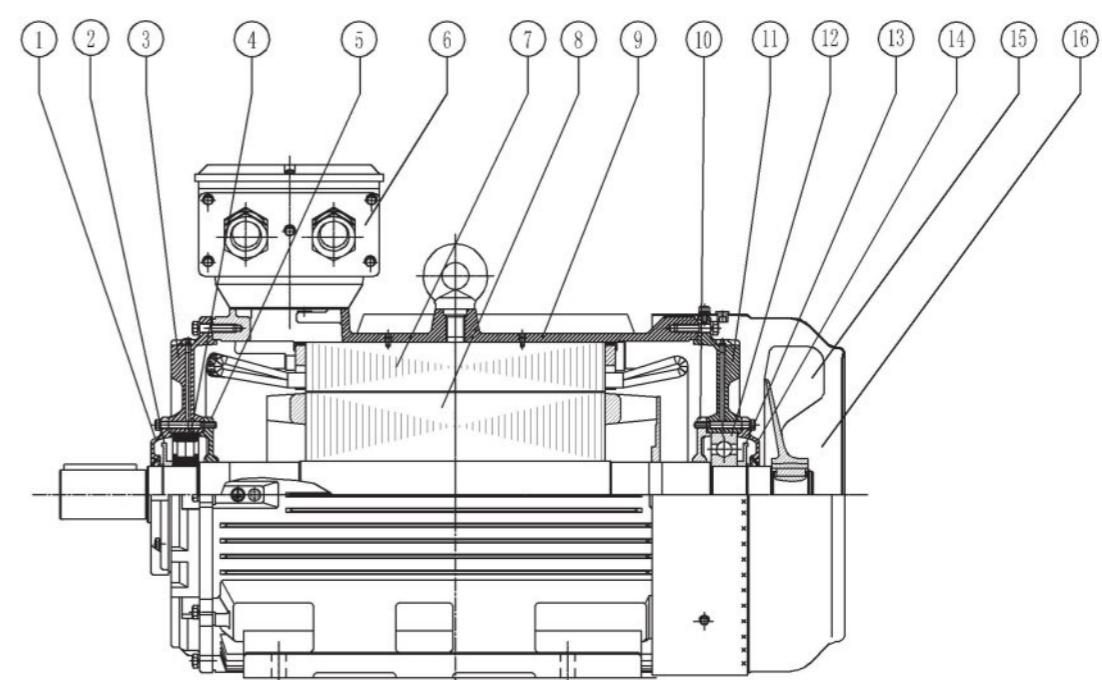


► 装配图及零部件明细表 *Arrangement And Parts List*

YE3 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	

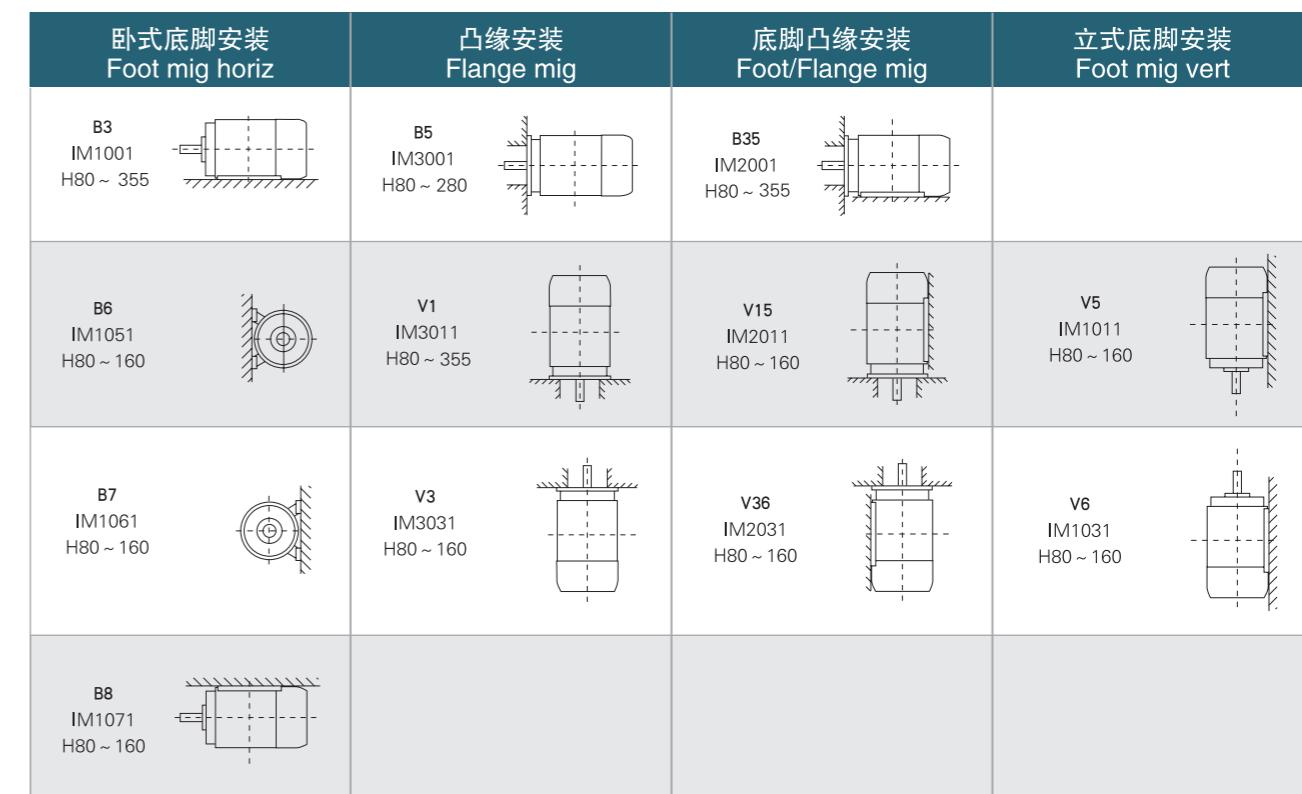
基本结构说明 Specifications standard construction	
铸铁机座和接线盒	Cast iron frame,terminal box.
钢板冲压风罩	Pressed steel fan cowl.
铸铁端盖	Cast iron endshields.
聚丙烯玻璃纤维风扇	Polypropylene,glass reinforced fan.
电机专用轴承	Equivalent bearings.
特性 Features	
电机尺寸和额定功率符合IEC60072	Dimensions and ratings to IEC60072
GB/T4772.1-4772.3	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



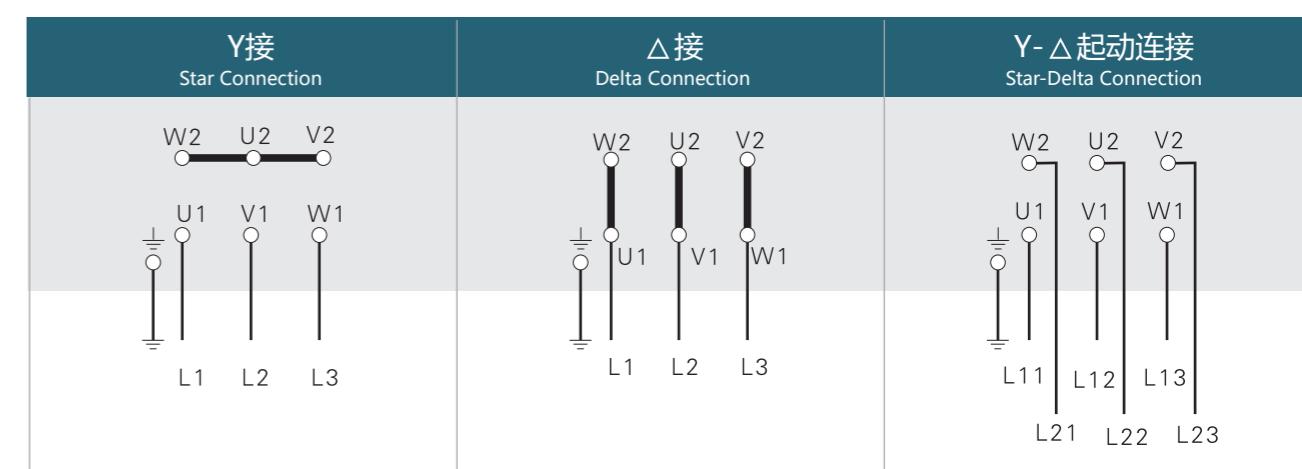
防护等级 Degrees of Protection(IEC 600034-5)

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 ingress 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。 Ingress 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

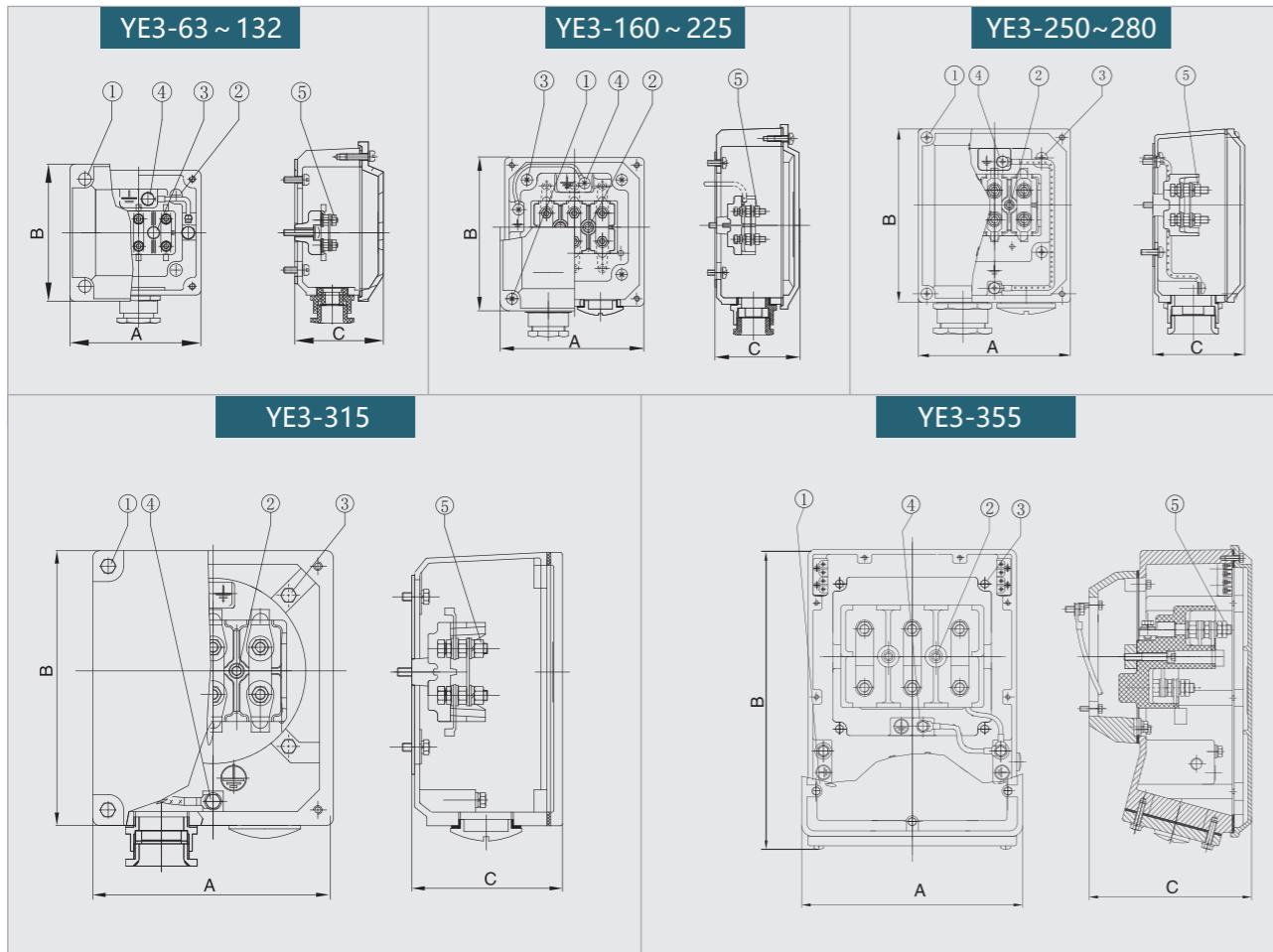
安装型式 Mounting Arrangements



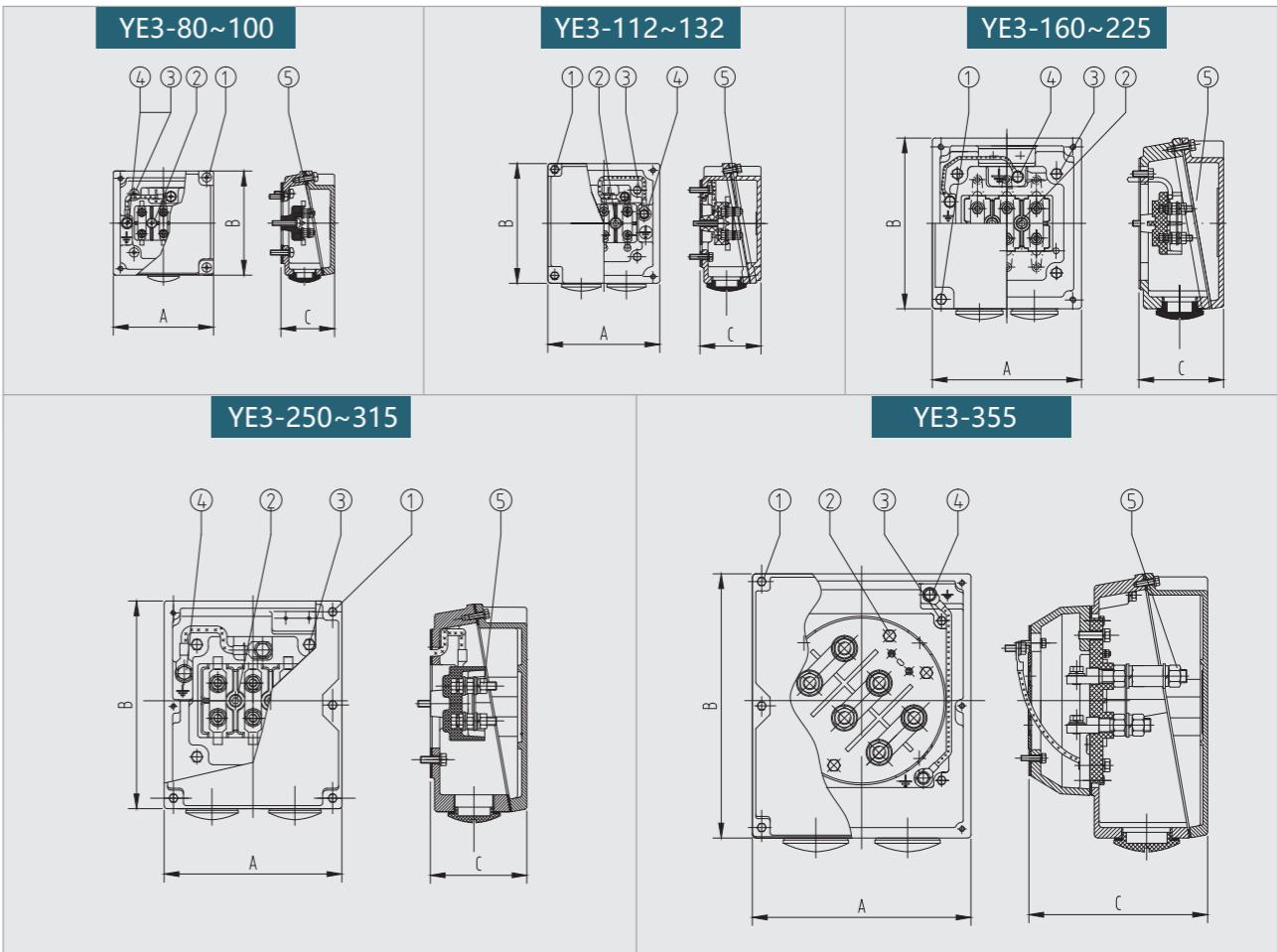
接线指示图 鼠笼式三相电动机 Connection Diagrams Three phase motors with cage rotor



上出线接线盒 Top Terminal Box



侧出线接线盒 Side Terminal Box



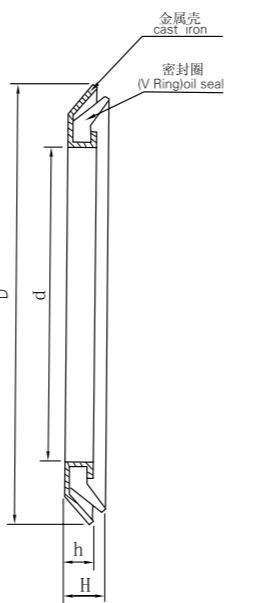
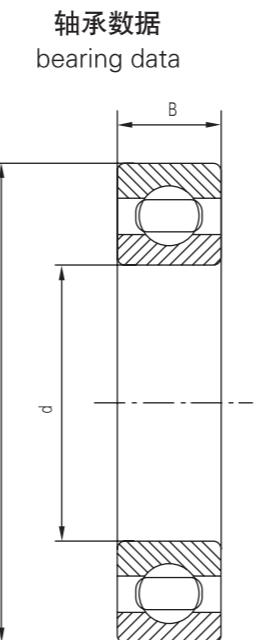
机座号 frame	A	B	C	1	2	3	4	5	螺纹尺寸 Gland Size	出线孔直径 outlet(dia.)
YE3-63	70	70	/	M4×35	/	M4×12	M4×10	M4	M20×15+M16×15	Φ10+Φ8
YE3-71~80	105	105	65	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE3-90~100	113	113	72	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE3-112~132	121	129	80	M5X16	M5X25	M5X20	M5X16	M5	2XM30X2	2XΦ15
YE3-160~180	163	173	92	M6X16	M6X25	M6X16	M6X12	M6	2XM36X2	2XΦ25
YE3-200~225	188	208	107	M8x25	M8x35	M8x25	M8x16	M8	2XM48x2	2XΦ36
YE3-250~280	217	246	120	M8x25	M8x35	M8x25	M8x16	M10	2XM64x2	2XΦ51
YE3-315	280	320	165	M10x25	M10x45	M10x30	M10x20	M12	2XM64x2	2XΦ51
YE3-355	350	475	285	M12X30	M12X80	M12X30	M10X25	M20	2XM72X2	2XΦ52

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.)
YE3-80	95	95	56	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE3-90~100	105	109	56	M5X16	M5X25	M5X16	M5X12	M4	M24X1.5	Φ11
YE3-112~132	117	125	65	M5X16	M5X25	M5X20	M5X16	M5	2XM30X2	2XΦ15
YE3-160~180	155	177	87	M6X16	M6X25	M6X16	M6X12	M6	2XM36X2	2XΦ25
YE3-200~225	176	212	107	M6X20	M8X35	M8X20	M8X16	M8	2XM48X2	2XΦ36
YE3-250~280	212	248	115	M6X20	M8X35	M8X30	M8X16	M10	2XM64x2	2XΦ51
YE3-315	276	332	164	M8x25	M10x45	M10x30	M10x20	M12	2XM64x2	2XΦ51
YE3-355	340	410	275	M8X30	M12X40	M12X30	M10X25	M20	2XM72X2	2XΦ52

轴承、密封和润滑 Bearing、Seal & Lubrication

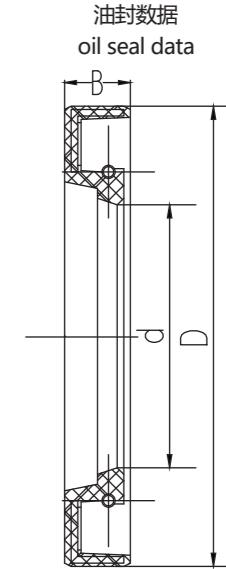
电机型号 Motor type	轴伸端 DE	非轴伸端 NDE	d	D	B
YE3-63	6201ZZ	6201ZZ	12	32	10
YE3-71	6202ZZ	6202ZZ	15	35	11
YE3-80	6204ZZ	6204ZZ	20	47	14
YE3-90	6205ZZ	6205ZZ	25	52	15
YE3-100	6206ZZ	6206ZZ	30	62	16
YE3-112	6306ZZ	6306ZZ	30	72	19
YE3-132	6308ZZ	6308ZZ	40	90	23
YE3-160	6309	6309	45	100	25
YE3-180	6311	6311	55	120	29
YE3-200	6312	6312	60	130	31
YE3-225	6313	6313	65	140	33
YE3-250	6314	6314	70	150	35
YE3-280 2P	6314	6314	70	150	35
YE3-280 4-8P	6317	6317	85	180	41
YE3-315 2P	6316	6316	80	170	39
YE3-315 4-8P	6319	6319	95	200	45
YE3-355(2P) (B3.B35)	6319	6319	95	200	45
YE3-355(2P)V1	6319	7319	95	200	45
YE3-355(4-8P) (B3,B35)	6322	6322	110	240	50
YE3-355(4-68)V1	6322	7322	110	240	50
YE3-35512(2P) (B3,B35)	6319/C3	6319/C3	95	200	45
YE3-35512(4-8P) (B3,B35)	NU324	6324	120	260	55
YE3-35512(2P) V1	6319C3	7319	95	200	45
YE3-35512(4-8P) V1	NU324	7324	110	260	55

电机型号 Motor type	油封规格 Oil seal size	d	D	h	H
YE3-80	RB20x35x4.0	Φ20	Φ35	3	6
YE3-90	RB25x40x4.0	Φ25	Φ40	3	6
YE3-100	RB30x47x4.5	Φ30	Φ47	3.5	6.5
YE3-112	RB30x47x4.5	Φ30	Φ47	3.5	6.5
YE3-132	RB40x57x4.5	Φ40	Φ57	3.5	6.5
YE3-160	RB45x62x4.5	Φ45	Φ62	3.5	6.5
YE3-180	RB55x75x5.5	Φ55	Φ75	4.5	6.5
YE3-200	RB60x80x5.5	Φ60	Φ80	4.5	6.5
YE3-225	RB65x85x5.5	Φ65	Φ85	4.5	8
YE3-250	RB70x90x5.5	Φ70	Φ90	4.5	8
YE3-280-2	RB70x90x5.5	Φ70	Φ90	4.5	8
YE3-280-4.6.8	RB85x105x5.5	Φ85	Φ105	4.5	8
YE3-315-2	RB80x100x5.5	Φ80	Φ100	4.5	8
YE3-315-4.6.8	RB95x115x5.5	Φ95	Φ115	4.5	8



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
YE3-63	12	24	5	12	24	5
YE3-71	15	26	7	15	26	7
YE3-80	20	35	5	20	35	5
YE3-90	25	40	5	25	40	5
YE3-100	30	52	7	30	52	7
YE3-112	30	52	7	30	52	7
YE3-132	40	62	5	40	62	5
YE3-160	45	65	8	45	65	8
YE3-180	55	75	8	55	75	8
YE3-200	60	80	8	60	80	8
YE3-225	65	90	10	65	90	10
YE3-250	70	95	10	70	95	10
YE3-280-2	70	95	10	70	95	10
YE3-280-4.6.8	85	110	12	85	110	12
YE3-315-2	80	100	10	80	100	10
YE3-315-4.6.8	95	120	12	95	120	12
YE3-355-2	95	120	12	95	120	12
YE3-355-4.6.8	110	140	12	110	140	12
YE3-35512(2P)	95	120	12	95	120	12
YE3-35512(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，以便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 greased 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	
YE3-160	6309	6309	6000	10000	16000	13
YE3-180	6311	6311	4000	9000	14000	15
YE3-200	6312	6312	3500	6500	11000	20
YE3-225	6313	6313	3000	5500	8500	22
YE3-250	6314	6314	2000	5000	8000	23
YE3-280 2P	6314	6314	1200	-	-	30
YE3-280 4-8P	6317	6317	-	4000	6000	35
YE3-315 2P	6316	6316	1200	-	-	30
YE3-315 4-8P	6319	6319	-	2000	3000	45
YE3-355(2P) (B3.B35)	6319	6319	-	-	-	30
YE3-355(2P)V1	6319	7319	1200	-	-	30
YE3-355(4-8P) (B3,B35)	6322	6322	-	1400	2200	60
YE3-355(4-8P)V1	6322	7322	-	1400	2200	60
YE3-35512(2P) (B3,B35)	6319/C3	6319/C3	1200	-	-	30
YE3-35512(4-8P) (B3,B35)	NU324	6324	-	1200	2000	80
YE3-35512(4-8P) V1	6319C3	7319	1200	-	-	30
YE3-35512(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.

↙ 主要产品介绍 Main Product Introduction

YE3系列三相异步电动机 (H80-355)
 YE4系列三相异步电动机 (H80-355)
 YE5系列三相异步电动机 (H80-355)
 YE3系列高温消防排烟风机专用电机 (H80-355)
 Y-H系列船用三相异步电动机 (H63-355)
 YD系列变极多速三相异步电动机 (H80-315)
 YDT系列通风机用多速三相异步电动机 (H80- 315)
 YVF2系列变频调速三相异步电动机 (H80- 355)
 YH系列高转差率三相异步电动机 (H80-315)
 Y-W系列户外型三相异步电动机 (H80-355)
 YT系列轴流式风机用三相异步电动机 (H80-132)
 1L(IP23)系列三相异步电动机(H160-355)
 Y(IP23) 系列三相异步电动机 (H400-500)
 YZS系列起重用三相异步电动机 (H160-225)
 YEJ系列电磁制动三相异步电动机 (H80- 225)
 YBK3系列煤矿井下用隔爆型三相异步电动机(H80-355)
 HM3系列三相异步电动机 (H80-355)
 HM4系列三相异步电动机 (H80-355)
 YB2-H、YB3-H系列船用隔爆型三相异步电动机(H80-355)
 YBBP系列隔爆型变频调速三相异步电动机(H80-355)
 YBX3系列高效率隔爆型三相异步电动机(H80-355)
 YBX4系列高效率隔爆型三相异步电动机(H80-355)
 YBX5系列高效率隔爆型三相异步电动机(H80-355)
 YFB3系列粉尘防爆型三相异步电动机(H80-355)
 YFB4系列粉尘防爆型三相异步电动机(H80-355)
 YFB5系列粉尘防爆型三相异步电动机(H80-355)
 Y3系列三相异步电动机 (H355-450)
 Y系列高压三相异步电动机 (H355- 800)
 YKK系列高压三相异步电动机 (H355-800)
 Y2系列高压三相异步电动机 (H355- 560)
 YX系列高效高压三相异步电动机 (6KV, H355-630)
 YX系列高效高压三相异步电动机 (10KV, H400-630)
 YR系列高压绕线转子三相异步电动机 (H355-1000)
 YRKK系列高压绕线转子三相异步电动机 (H355-1000)
 YFSS系列双馈异步风力发电机 (H450-630)
 YFWK系列双馈异步风力发电机 (H500)

YE3 Series 3-Phase Asynchronous Motor
 YE4 Series 3-Phase Asynchronous Motor
 YE5 Series 3-Phase Asynchronous Motor
 YE3 Series Special Motor for Smoke and Heat Exhaust Ventilators
 Y-H Series 3-Phase Asynchronous Motor In Ships
 YD Series 3-Phase Multi-Speed Motor
 YDT Series Ventilator used 3-Phase Multi-Speed Motor
 YVF2 Series Frequency Control 3-Phase Asynchronous Motor
 YH Series High Slip 3-Phase Asynchronous Motor
 Y-W Series Outdoor used 3-Phase Asynchronous Motor
 YT Series Ventilator used 3-Phase Asynchronous Motor
 1L(IP23) Series 3-Phase Asynchronous Motor
 Y(IP23) Series 3-Phase Asynchronous Motor
 YZS Series Crane 3-Phase Asynchronous Motor
 YEJ Series Electromagnetic Braking 3-Phase Asynchronous Motor
 YBK3 Series Flameproof 3-Phase Asynchronous Motor for Coal Mines
 HM3 Series 3-Phase Asynchronous Motor
 HM4 Series 3-Phase Asynchronous Motor
 YB2-H, YB3-H Series Flameproof 3-Phase Asynchronous Motor For Ships
 YBBP Series Flameproof Frequency Control 3-Phase Asynchronous Motor
 YBX3 Series High Efficiency Flameproof 3-Phase Asynchronous Motor
 YBX4 Series High Efficiency Flameproof 3-Phase Asynchronous Motor
 YBX5 Series High Efficiency Flameproof 3-Phase Asynchronous Motor
 YFB3 Series Dust Explosion-Proof 3-Phase Asynchronous Motor
 YFB4 Series Dust Explosion-Proof 3-Phase Asynchronous Motor
 YFB5 Series Dust Explosion-Proof 3-Phase Asynchronous Motor
 Y3 Series 3-Phase Asynchronous Motor
 Y Series High-Voltage 3-Phase Asynchronous Motor
 YKK Series High-Voltage 3-Phase Asynchronous Motor
 Y2 Series High-Voltage 3-Phase Asynchronous Motor
 YX Series High Efficiency High-Voltage 3-Phase Asynchronous Motor
 YR Series High-Voltage 3-Phase Wound Rotor Asynchronous Motor
 YRKK Series High-Voltage 3-Phase Wound Rotor Asynchronous Motor
 YFSS Series Doubly Fed Induction Windmill Generator
 YFWK Series Doubly Fed Induction Windmill Generator

↙ 客户合作 Cooperative Partner

