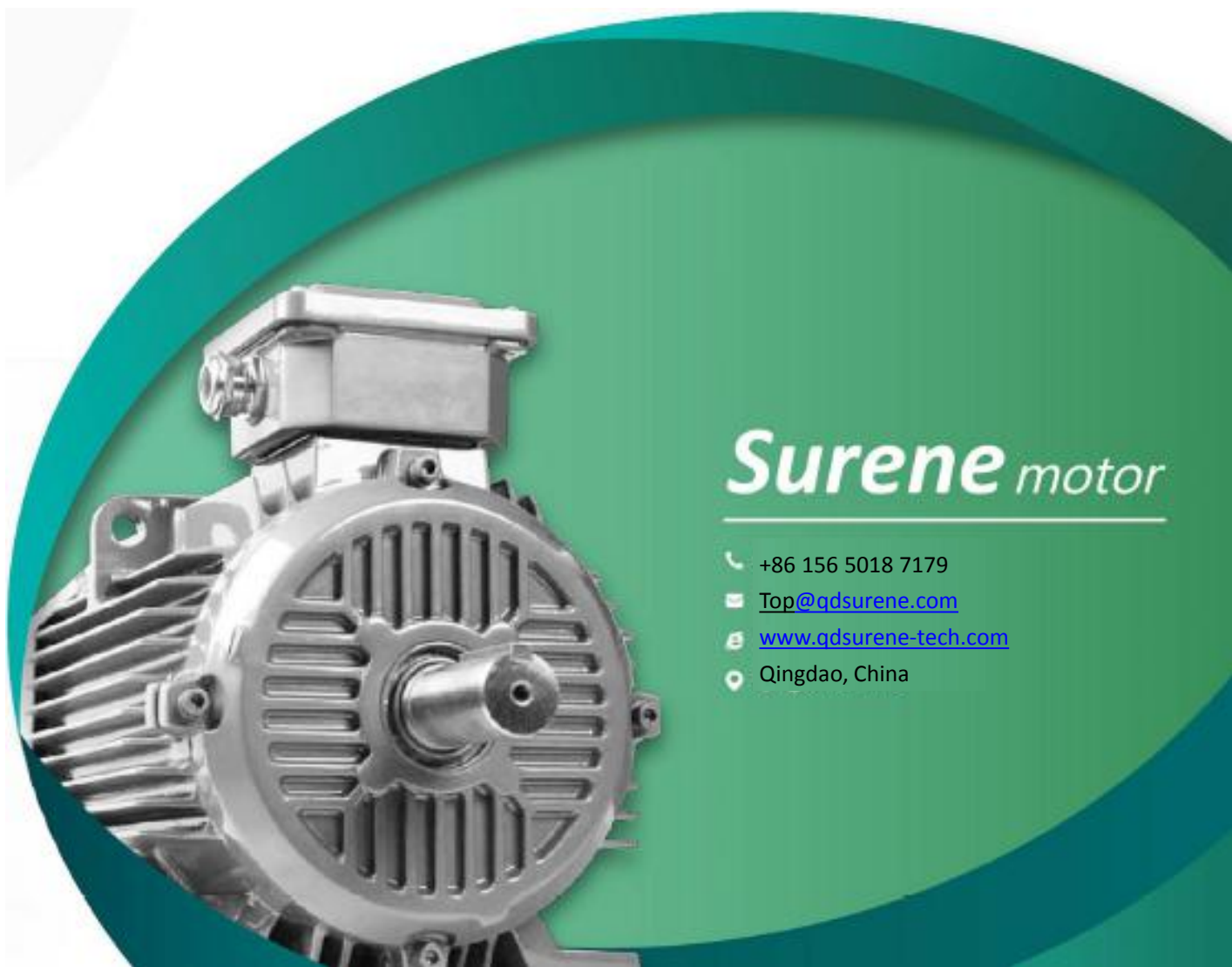


青 岛 硕 能 科 技

Qingdao Surene Technology Co., Ltd.

专注 · 专业 · 创新



Surene motor

+86 156 5018 7179
Top@qdsurene.com
www.qdsurene-tech.com
Qingdao, China

关于硕能 About Surene

青岛硕能科技有限公司始建于 1997 年，经过十几年的艰苦拼搏，现已成为一家集中小电机研发、生产、销售和服务于一体的现代化企业，现有员工 200 余人。硕能电机拥有实力雄厚的科技研发实力，现代化的生产加工、装配流水线，完善的检测设备，科学的生产工艺布局，严格的现场管理和质量检测控制系统。

公司专业生产各种电机，涵盖三相异步高效电机（YE2/YE3/YE4）、风机专用电机、高温电机、泵类电机、石油机械电机、散热器风机、高压永磁同步电机、织布机永磁同步电机、客户特殊定制等系列产品。

目前，公司已经通过 ISO9001: 2015 质量管理体系认证，欧洲 CE 认证以及国家 CCC 认证。产品可广泛应用于机床、风机、水泵、压缩机、包装机械、矿山机械、建筑机械、食品机械及其他传动机械等各个领域。产品远销韩国，日本，欧洲，中东，南美，东南亚以及非洲 30 多个国家和地区。

Qingdao Surene Technology Co., Ltd. was founded in 1997, after over ten years of development, Surene has been a professional electric motor manufacturer and supplier, with R&D, production, marketing as well as service teams. At present, we have more than 200 employees. Surene has a strong research and development strength, modern production and processing, assembly lines, perfect testing equipment, scientific production process layout, strict on-site management and quality examination system.

We are professional in manufacturing electric motors , including Three-phase Induction Motor(YE2/YE3/YE4), Fan Motor, High-temperature Motor, Pump motor, Petroleum Machinery Motor, Radiator Fan with Motor, High-voltage permanent Magnet Induction Motor, Looms Permanent Magnet Synchronous Motor, Customized Motor etc..

Now Surene has obtained ISO9001-2015 quality certificate, CE certificate and CCC certificate. Our motors are widely used in machine tools, fans, pumps, compressors, packaging machinery, mining machinery, construction machinery, food machinery and other mechanical transmission device. Our motors are mainly exported to Korea, Japan, Europe, Middle East, South America, and South Africa etc..

www.qdsurene.com

● Company profile

公司简介



青岛硕能电机

是国内专业制造电机的企业

20 多年来一直坚持不懈地从事电机事业

凝聚一流的电机设计工程师团队，拥有一流的实验室，采用先进的生产运营管理方式

专业生产单相异步电机、三相异步高效电机、风机专用电机、EV 电机及高效永磁同步电机

Professional motor manufacturing enterprise

Engaged in motor industry for more than 20 years.

First-class motor design engineer team, first-class laboratory, and advanced production management

Specializing in single-phase asynchronous motors, three-phase asynchronous high-efficiency motors for livestock fan motors, EV motors and high-efficiency permanent magnet synchronous motors

专业 Professional

专注 Focus

创新 Innovation



www.qdsurene.com

2021

成为德国利拉伐国内唯一指定畜牧业设备电机合作供应商。
Become the unique designated domestic animal husbandry equipment motor cooperative supplier by DeLaval, Germany

2020

与世界著名五百强电机企业、在多个领域展开 ODM、OEM 合作。

同时，石油机械抽油机电机作为中国石油辽河油田的指定供应商。

Cooperate with the world's top 500 motor companies in ODM and OEM in various fields. At the same time, petroleum machinery pumping unit motors are the designated supplier of Petro China's Liaohe Oilfield.

2018

为韩国配套生产韩标 IE3 超高效电机及全系列畜牧风机电机

Produce Korean standard IE3 ultra-efficient motors and full ranges of livestock fan motors

2016

开始生产 YE2、YE3 国标高效电机。

Started to produce YE2, YE3 standard high efficiency motors

2012

开始生产国标电动机。

Launched IEC standard motors.

2011

公司和德国 BOSCH 公司建立 OEM 业务合作，成为 BOSCH 电 动工具电机配套供应商。

Make OEM business with BOSCH GmbH, and became their power tools supplier.

公司通过 ISO9001 质量管理体系认证和 ISO14001 环境管理体系认证、同时通过欧盟 CE 认证、美国 NEMA 高效电机 CC 认证和 UL 安全认证。

We passed ISO9001, ISO14001 and got CE, NEMA, CE, CCC and UL certification

2008

木工机械电机年产量突破 80 万台。

Woodworking machine motors production capacity achieved 800,000 sets per year.

2005

公司生产木工机械和金工机床电机。

We started to produce metalworking machines motors and woodworking machine motors.

2004

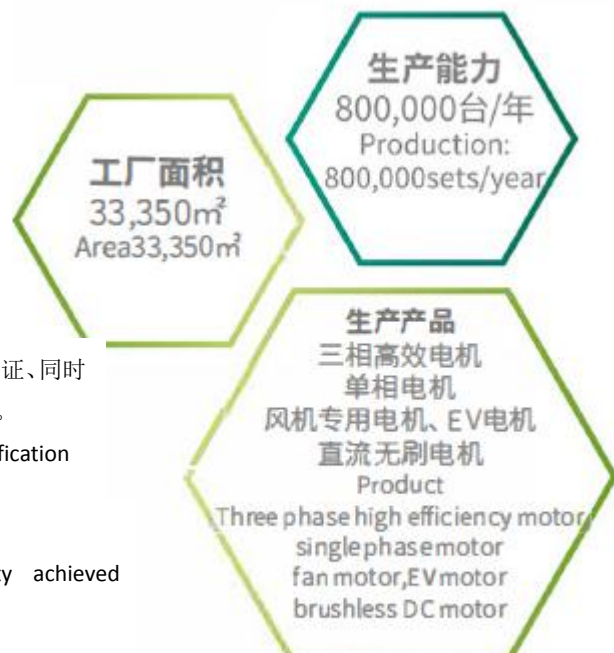
1997

公司成立、从事电动工具、金工机床、木工机床的研发、生产、和销售。

Founded in year 1997, and engaged in research, production and sales of electric tools, metal-working machines and woodworking machines

企业概要

Company profile



生产车间 Workshop



认证证书 Certificate

电气研究院合作单位

Electric institute cooperation units



ISO9001认证



中国节能认证



国家CCC认证



沈阳工业大学
Shenyang University Of Technology



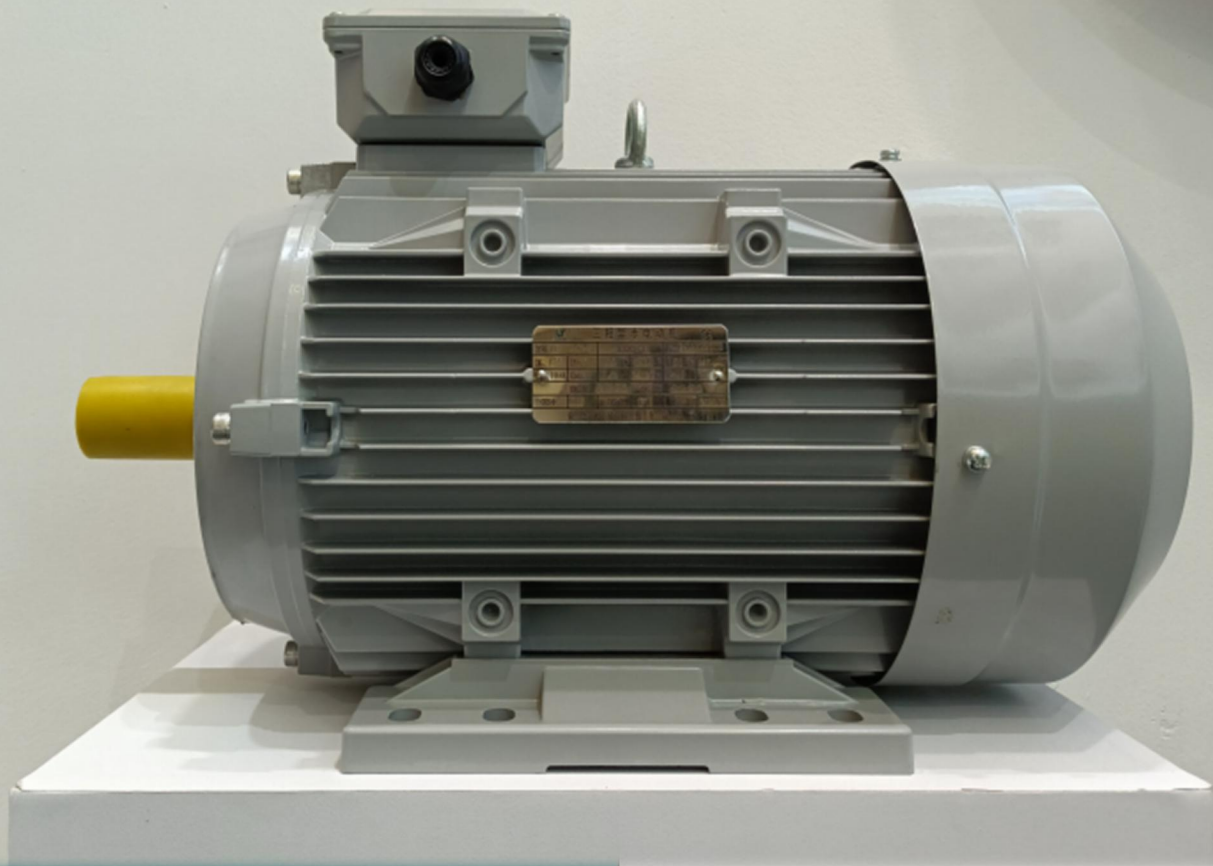
上海电机学院
Shanghai Dian Ji University



韩国科学技术研究院
Korea advanced institute
of science and technology

YE3 系列超高效三相异步电动机

YE3 Series Super-High Efficiency Three-Phase Induction Motor



详细说明

执行标准: GB18613-2020, ICE60034-30
中心高: H80-355mm
额定输出功率: 0.75kW-375kW
能效等级: 二级能效 (GB18613-2020), IE3
电压和频率: 380V/50Hz
防护等级: IP55
绝缘/温升等级: F/B
安装形式: B3、B5、B35、V1
环境温度: -15℃到+40℃
相对湿度≤90%
海拔≤1000 米
冷却方式: IC411

SPECIFICATION

Standard: GB18613-2020, ICE60034-30
Frame Size: H80-355mm
Rated Power: 0.75kW-375kW
Degree of Energy Efficiency: Grade 2 (GB18613-2020), IE3
Voltage and Frequency: 380V / 50Hz
Degrees of protections: IP55
Degrees of Insulation/ Temperature Rise: F/B
Installation Method: B3、B5、B35、V1
Ambient Temperature: -15℃ to +40℃
Relative humidity should be less than 90%
Altitude should be lower than 1000m above sea level.
Cooling Method: IC411

产品介绍

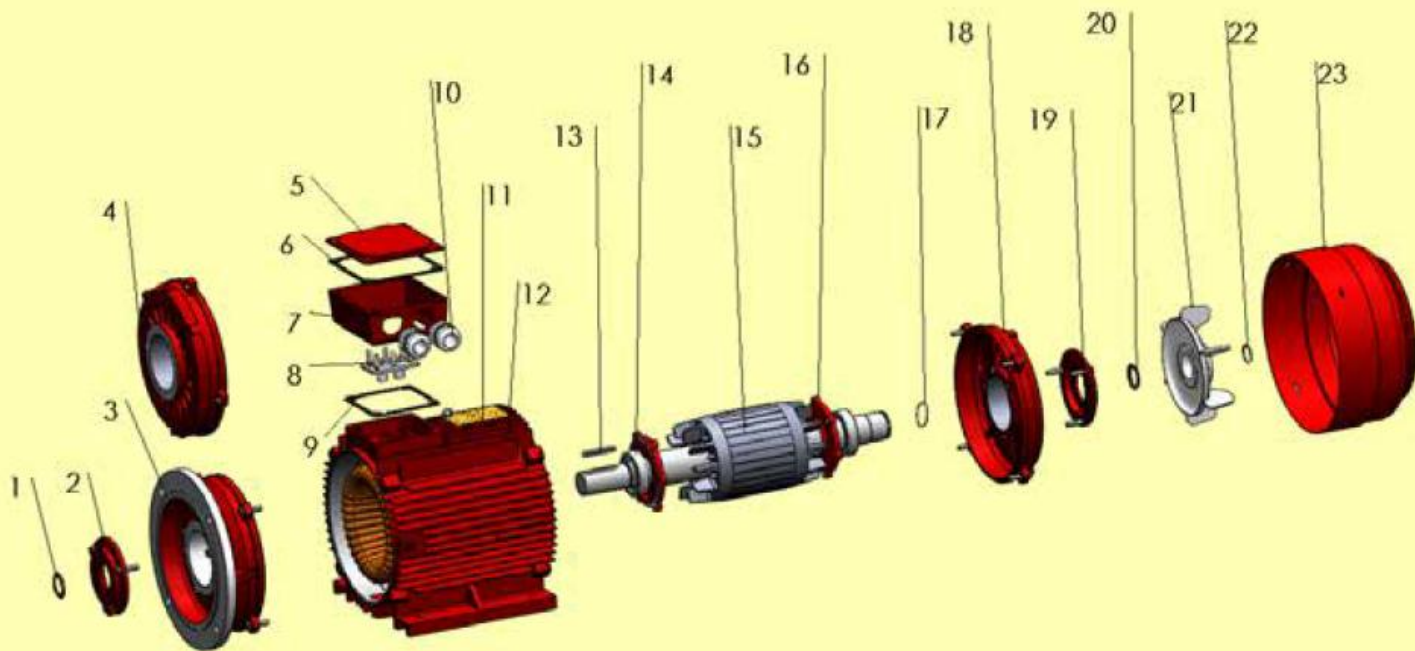
YE3 系列超高三相异步电动机是根据国家中小型三相异步电动机能效限定值及能效等级 GB18613-2020 生产制造,效率达到 2 级能效。电机全部是采用新材料、新工艺和新标准制造的全封闭、自扇冷鼠笼型异步电动机,可广泛应用于风机、水泵、机床、压缩机、运输机械等驱动各种通用机械设备,也可以在石油、化工、钢铁、矿山等其他环境比较恶劣的场所使用。YE3 系列电动机防护等级 IP55,绝缘等级 F 级,其效率更高,结构更加合理,振动更小,噪音更低,已取得国家节能认证。

Product Introduction

YE3 series super high efficiency motors are made according to national minimum allowable values of energy efficiency and energy efficiency standard GB18613-2020 for small and reaches grade 2. The motors are totally enclosed fan cooled squirrel cage induction motors, which adopts new materials, new processing methods and new standard. This series motors can be widely used in various kinds of general machinery like fans, pumps, machines tools, compressors, transportation and so on, and can also be used in the hazardous areas with oil, chemical, steel and mining industry. YE3 series motors are protection class IP55 and insulation class F. With higher efficiency, reasonable structure, less vibration and lower noise, it has obtained the national energy conversation certificate.

YE2/YE3 系列电机配件分布图

YE2/YE3 Series Motor Spare Part List



1. 骨架油封
2. 轴承外盖 (D)
3. 凸缘端盖 (B35, B5, V1)
4. 轴伸端端盖 (B3)
5. 接线盒盖
6. 接线盒盖密封垫
7. 接线盒座
8. 接线板
9. 接线盒座密封垫
10. 电缆接头
11. 铭牌
12. 定子
13. 键
14. 轴承
15. 转子
16. 轴承内盖
17. 波形弹簧
18. 非轴伸端端盖
19. 轴承外盖 (N)
20. 骨架油封
21. 风扇
22. 卡簧
23. 风罩

- 1.Oil seal
- 2.Outer bearing cap D
- 3.Flange
- 4.Endshield D.E
- 5.Terminal Box Lid
- 6.Seal Gasket
- 7.Terminal Box Base
- 8.Terminal Board
- 9.Terminal Box Gasket
- 10.Cable gland
- 11.Nameplate
- 12.Stator
- 13.Key
- 14.Bearing D.E
- 15.Rotor
- 16.Inner Bearing Cap
- 17.Wave Spring
- 18.Endshield N.D.E
- 19.Outer bearing cap N
- 20.Oil seal
- 21.Fan
- 22.Snap Ring
- 23.Fan Cowl

2 极-同步转速 3000r/min 2-pole, 3000r/min synchronous speed

电机型号 Motor Type	额定功率 kW Rated Power kW	额定转速 r/min Rated Speed r/min	额定电流 A Rated Current 380V A	额定电流 A Rated Current 400V A	额定电流 A Rated Current 415V A	额定效率 η % Rated Eff. η %	功率因数 cos φ Power Factor cos φ	额定转矩 Nm Rated Torque Nm	堵转电流	堵转转矩	最大转矩	转动惯量 M of 1 kgm ²	空载噪音 Db (A) LW Db (A) no load	负载噪音 Db (A) LW Db (A) load	重量 Net Weight Kg
									额定电流	额定转矩	额定转矩				
									Ist In	Ist Tn	Ist Tn				
YE3-80M1-2	0.75	2910	1.7	1.6	1.6	80.7	0.82	2.5	7.0	2.3	2.3	0.001	62	64	20
YE3-80M2-2	1.1	2910	2.4	2.3	2.2	82.7	0.83	3.6	7.3	2.2	2.3	0.002	62	64	22
YE3-90S-2	1.5	2910	3.2	3.1	3	84.2	0.84	4.9	7.6	2.2	2.3	0.002	67	69	25
YE3-90L-2	2.2	2910	4.6	4.3	4.2	85.9	0.85	7.2	7.6	2.2	2.3	0.003	67	69	32
YE3-100L-2	3	2910	6	5.7	5.5	87.1	0.87	9.8	7.8	2.2	2.3	0.006	74	76	42
YE3-112M-2	4	2915	7.8	7.4	7.2	88.1	0.88	13.1	8.3	2.2	2.3	0.009	77	79	50
YE3-132S1-2	5.5	2920	10.6	10.1	9.7	89.2	0.88	18	8.3	2.0	2.3	0.024	79	81	70
YE3-132S2-2	7.5	2920	14.4	13.7	13.2	90.1	0.88	24.5	7.9	2.0	2.3	0.029	79	81	75
YE3-160M1-2	11	2935	20.6	19.6	18.9	91.2	0.89	35.8	8.1	2.0	2.3	0.067	81	83	132
YE3-160M2-2	15	2935	27.9	26.5	25.5	91.9	0.89	48.8	8.1	2.0	2.3	0.080	81	83	140
YE3-160L-2	18.5	2935	34.2	32.5	31.3	92.4	0.89	60.2	8.2	2.0	2.3	0.097	81	83	150
YE3-180M-2	22	2940	40.5	38.5	37.1	92.7	0.89	71.5	8.2	2.0	2.3	0.137	83	85	200
YE3-200L1-2	30	2950	54.9	52.1	50.3	93.3	0.89	97.1	7.6	2.0	2.3	0.227	84	86	260
YE3-200L2-2	37	2950	67.4	64	61.7	93.7	0.89	120	7.6	2.0	2.3	0.269	84	86	270
YE3-225M-2	45	2970	80.8	76.8	74	94.0	0.90	145	7.7	2.0	2.3	0.360	86	88	330
YE3-250M-2	55	2970	98.5	93.5	90.2	94.3	0.90	177	7.7	2.0	2.3	0.791	89	91	450
YE3-280S-2	75	2970	134	127	122	94.7	0.90	241	7.1	2.0	2.3	0.960	91	93	580
YE3-280M-2	90	2970	160	152	146	95.0	0.90	289	7.1	1.8	2.3	1.157	91	93	630
YE3-315S-2	110	2980	195	185	179	95.2	0.90	353	7.1	1.8	2.3	1.662	92	94	935
YE3-315M-2	132	2980	234	222	214	95.4	0.90	423	7.1	1.8	2.3	1.874	92	94	1032
YE3-315L1-2	160	2980	279	265	256	95.6	0.91	513	7.2	1.8	2.3	2.146	92	94	1100
YE3-315L-2	185	2980	323	307	296	95.6	0.91	593	7.2	1.8	2.3	2.266	92	94	1130
YE3-315L2-2	200	2980	349	331	319	95.8	0.91	641	7.2	1.8	2.3	2.448	92	94	1160
YE3-355M1-2	220	2980	388	368	355	95.8	0.90	705	7.2	1.8	2.2	2.693	100	102	1615
YE3-355M2-2	250	2980	436	414	399	95.8	0.91	801	7.2	1.6	2.2	4.034	100	102	1658
YE3-355L-2	280	2980	488	464	447	95.8	0.91	897	7.2	1.6	2.2	4.095	100	102	1736
YE3-355L1-2	315	2980	549	522	503	95.8	0.91	1010	7.2	1.6	2.2	4.645	100	102	1822
YE3-355L2-2	355	2980	619	588	567	95.8	0.91	1138	7.2	1.6	2.2	5.242	104	106	2300
YE3-355L3-2	375	2980	654	621	598	95.8	0.91	1202	7.2	1.6	2.2	5.536	104	106	2350

4 极-同步转速 1500r/min 4-pole, 1500r/min synchronous speed

电机型号	额定功率 kW	额定转速 r/min	额定电流 A	额定电流 A	额定电流 A	额定效率 η%	功率因数 cos φ	额定转矩 Nm	堵转电流	堵转转矩	最大转矩	转动惯量	空载噪音 Db(A)	负载噪音 Db(A)	重量
									额定电流	额定转矩	额定转矩				
									Ist	Tst	Tmax				
Motor Type	Rated Power kW	Rated Speed r/min	Rated Current 380V A	Rated Current 400V A	Rated Current 415V A	Rated Eff. η%	Power Factor cos φ	Rated Torque Nm	In	In	In	M of 1 kgm2	LW Db(A) no load	LW Db(A) load	Net Weight Kg
YE3-802-4	0.75	1430	1.8	1.7	1.7	82.5	0.75	5	6.6	2.3	2.3	0.003	56	61	21
YE3-90S-4	1.1	1435	2.6	2.5	2.4	84.1	0.76	7.3	6.8	2.3	2.3	0.004	59	64	29
YE3-90L-4	1.5	1435	3.5	3.3	3.2	85.3	0.77	10	7.0	2.3	2.3	0.005	59	64	33
YE3-100L1-4	2.2	1450	4.8	4.5	4.4	86.7	0.81	14.5	7.6	2.3	2.3	0.012	64	69	40
YE3-100L2-4	3	1450	6.3	6	5.8	87.7	0.82	19.8	7.6	2.3	2.3	0.016	64	69	45
YE3-112M-4	4	1455	8.4	7.9	7.7	88.6	0.82	26.3	7.8	2.2	2.3	0.022	65	70	55
YE3-132S-4	5.5	1460	11.2	10.7	10.3	89.6	0.83	36	7.9	2.0	2.3	0.060	71	76	75
YE3-132M-4	7.5	1460	15	14.3	13.7	90.4	0.84	49.1	7.5	2.0	2.3	0.071	71	76	88
YE3-160M-4	11	1470	21.5	20.4	19.7	91.4	0.85	71.5	7.7	2.2	2.3	0.137	73	78	132
YE3-160L-4	15	1470	28.8	27.3	26.3	92.1	0.86	97.4	7.8	2.2	2.3	0.171	73	78	150
YE3-180M-4	18.5	1475	35.3	33.5	32.3	92.6	0.86	120	7.8	2.0	2.3	0.238	76	80	190
YE3-180L-4	22	1475	41.8	39.7	38.3	93.0	0.86	142	7.8	2.0	2.3	0.259	76	80	206
YE3-200L-4	30	1475	56.6	53.8	51.9	93.6	0.86	194	7.3	2.0	2.3	0.459	76	80	278
YE3-225S-4	37	1480	69.6	66.1	63.7	93.9	0.86	239	7.4	2.0	2.3	0.656	78	81	330
YE3-225M-4	45	1480	84.4	80.2	77.3	94.2	0.86	290	7.4	2.0	2.3	0.758	78	81	360
YE3-250M-4	55	1485	103	97.6	94.1	94.6	0.86	354	7.4	2.2	2.3	1.075	79	82	450
YE3-280S-4	75	1485	136	129	125	95.0	0.88	482	6.9	2.0	2.3	1.800	80	83	640
YE3-280M-4	90	1485	163	155	149	95.2	0.88	579	6.9	2.0	2.3	2.130	80	83	722
YE3-315S-4	110	1490	197	187	180	95.4	0.89	705	7.0	2.0	2.2	3.415	88	91	960
YE3-315M-4	132	1490	236	224	216	95.6	0.89	846	7.0	2.0	2.2	3.807	88	91	1050
YE3-315L1-4	160	1490	285	271	261	95.8	0.89	1026	7.1	2.0	2.2	3.423	88	91	1150
YE3-315L-4	185	1490	330	313	302	95.8	0.89	1186	7.1	2.0	2.2	4.479	88	91	1200
YE3-315L2-4	200	1490	352	334	322	96.0	0.90	1282	7.1	2.0	2.2	5.262	88	91	1250
YE3-355M1-4	220	1490	387	368	354	96.0	0.90	1410	7.1	2.0	2.2	5.449	95	97	1632
YE3-355M2-4	250	1490	440	418	403	96.0	0.90	1602	7.1	2.0	2.2	6.192	95	97	1725
YE3-355L-4	280	1490	492	468	451	96.0	0.90	1795	7.1	2.0	2.2	6.732	95	97	1792
YE3-355L1-4	315	1490	554	526	507	96.0	0.90	2019	7.1	2.0	2.2	7.273	95	97	1960
YE3-355L2-4	355	1490	638	607	585	96.0	0.88	2275	7.0	1.7	2.2	8.196	102	104	2150
YE3-355L3-4	375	1490	674	641	618	96.0	0.88	2404	7.0	1.7	2.2	8.658	102	104	2350

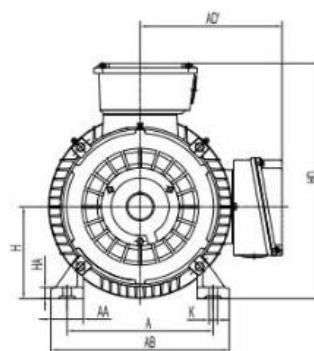
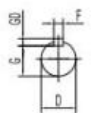
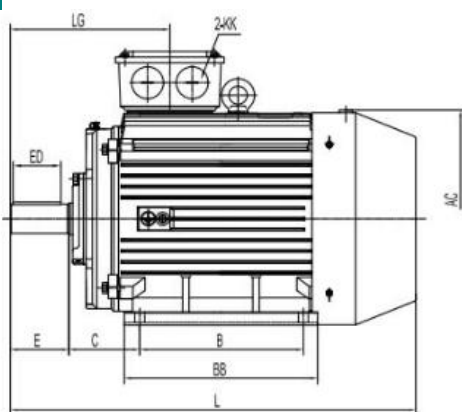
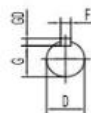
6 极-同步转速 1000r/min 6-pole, 1000r/min synchronous speed

电机型号	额定功率 kW	额定转速 r/min	额定电流 A	额定电流 A	额定电流 A	额定效率 η%	功率因数 cos φ	额定转矩 Nm	堵转电流	堵转转矩	最大转矩	转动惯量	空载噪音 Db (A)	负载噪音 Db (A)	重量
									额定电流	额定转矩	额定转矩				
Motor Type	Rated Power kW	Rated Speed r/min	Rated Current 380V A	Rated Current 400V A	Rated Current 415V A	Rated Eff. η%	Power Factor cos φ	Rated Torque Nm	Ist	Tst	Tmax	M of 1 kgm2	LW Db(A) no load	LW Db(A) load	Net Weight Kg
YE3-90S-6	0.75	930	2	1.9	1.9	78.9	0.71	7.7	6.0	2.0	2.1	0.004	57	64	26
YE3-90L-6	1.1	930	2.8	2.7	2.6	81.0	0.73	11.3	6.0	2.0	2.1	0.006	57	64	30
YE3-100L-6	1.5	950	3.8	3.6	3.5	82.5	0.73	15.1	6.5	2.0	2.1	0.016	61	68	38
YE3-112M-6	2.2	960	5.4	5.1	4.9	84.3	0.74	21.9	6.6	2.0	2.1	0.039	65	72	48
YE3-132S-6	3	970	7.2	6.8	6.6	85.6	0.74	29.5	6.8	2.0	2.1	0.035	69	76	65
YE3-132M1-6	4	970	9.5	9	8.7	86.8	0.74	39.4	6.8	2.0	2.1	0.043	69	76	76
YE3-132M2-6	5.5	970	12.7	12	11.6	88.0	0.75	54.1	7.0	2.0	2.1	0.056	69	76	85
YE3-160M-6	7.5	975	16.2	15.4	14.8	89.1	0.79	73.5	7.0	2.0	2.1	0.140	73	80	130
YE3-160L-6	11	975	23.1	22	21.2	90.3	0.80	108	7.2	2.0	2.1	0.192	73	80	145
YE3-180L-6	15	985	30.9	29.3	28.2	91.2	0.81	145	7.3	2.0	2.1	0.319	73	79	195
YE3-200L1-6	18.5	980	37.8	36	34.7	91.7	0.81	180	7.3	2.0	2.1	0.446	73	79	250
YE3-200L2-6	22	980	44.8	42.5	41	92.2	0.81	214	7.4	2.0	2.1	0.557	73	79	265
YE3-225M-6	30	980	59.1	56.1	54.1	92.9	0.83	292	6.9	2.0	2.1	0.832	74	80	320
YE3-250M-6	37	980	71.7	68.1	65.7	93.3	0.84	361	7.1	2.0	2.1	1.447	76	82	420
YE3-280S-6	45	980	85.8	81.6	78.6	93.7	0.85	439	7.3	2.0	2.0	2.252	78	84	555
YE3-280M-6	55	980	103	98.1	94.6	94.1	0.86	536	7.3	2.0	2.0	2.726	78	84	630
YE3-315S-6	75	990	143	136	131	94.6	0.84	724	6.6	2.0	2.0	3.984	83	88	865
YE3-315M-6	90	990	170	161	155	94.9	0.85	868	6.7	2.0	2.0	4.500	83	88	980
YE3-315L1-6	110	990	207	196	189	95.1	0.85	1061	6.7	2.0	2.0	5.607	83	88	1100
YE3-315L2-6	132	990	244	232	224	95.4	0.86	1273	6.8	2.0	2.0	6.935	83	88	1200
YE3-355M1-6	160	990	296	281	271	95.6	0.86	1543	6.8	1.8	2.0	10.222	85	89	1650
YE3-355M-6	185	990	342	325	313	95.6	0.86	1785	6.8	1.8	2.0	10.750	85	89	1750
YE3-355M2-6	200	990	365	346	334	95.8	0.87	1929	6.8	1.8	2.0	11.031	85	89	1810
YE3-355M3-6	220	990	402	382	368	95.8	0.87	2122	6.8	1.8	2.0	11.705	85	89	1910
YE3-355L2-6	250	990	456	422	417	95.8	0.87	2412	6.8	1.8	2.0	11.897	85	89	2060
YE3-355L-6	280	990	512	486	468	95.8	0.87	2701	6.8	1.8	2.0	14.333	85	89	2110
YE3-355L3-6	315	990	581	552	532	95.8	0.86	3039	6.8	1.8	2.0	14.990	91	95	2400

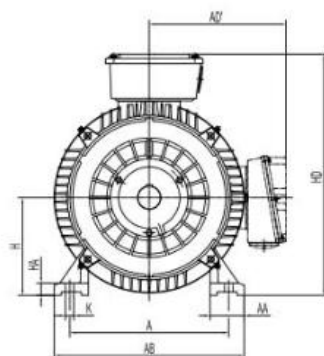
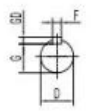
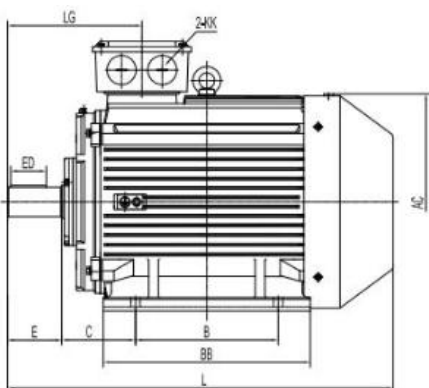
电机型号	额定功率 kW	额定转速 r/min	额定电流 A	额定电流 A	额定电流 A	额定效率 $\eta\%$	功率因数 $\cos\Phi$	额定转矩 Nm	堵转电流	堵转转矩	最大转矩	转动惯量	空载噪音 Db(A)	负载噪音 Db(A)	重量
									额定电流	额定转矩	额定转矩				
Motor Type	Rated Power kW	Rated Speed r/min	Rated Current 380V A	Rated Current 400V A	Rated Current 415V A	Rated Eff. $\eta\%$	Power Factor $\cos\Phi$	Rated Torque Nm	Ist In	Tst Tn	Tmax Tn	J of 1 kgm ²	LW Db(A) no load	LW Db(A) load	Net Weight Kg
YE3-100L1-8	0.75	695	2.3	2.2	2.1	75.0	0.67	10.3	6.2	1.8	2.0	0.008	59	67	40
YE3-100L2-8	1.1	695	3.1	3.0	2.9	77.7	0.69	15.1	6.2	1.8	2.0	0.010	59	67	42
YE3-112M-8	1.5	695	4.1	3.9	3.7	79.7	0.70	20.6	6.7	1.8	2.0	0.017	61	69	45
YE3-132S-8	2.2	715	5.7	5.5	5.3	81.9	0.71	29.4	6.7	1.8	2.0	0.031	64	72	60
YE3-132M-8	3	715	7.5	7.1	6.8	83.5	0.73	40.1	6.9	1.8	2.0	0.040	64	72	70
YE3-160M1-8	4	725	9.8	9.3	9.0	84.8	0.73	52.7	6.9	1.9	2.0	0.075	68	76	100
YE3-160L2-8	5.5	725	13.1	12.4	12.0	86.2	0.74	72.4	6.9	1.9	2.0	0.093	68	76	120
YE3-160L-8	7.5	725	17.4	16.5	15.9	87.3	0.75	98.8	6.6	1.9	2.0	0.126	68	76	130
YE3-180L-8	11	735	25.2	23.9	23.0	88.6	0.75	142.9	6.6	2.0	2.0	0.203	70	78	190
YE3-200L-8	15	735	33.5	31.8	30.6	89.6	0.76	194.9	6.8	2.0	2.0	0.339	73	80	230
YE3-225S-8	18.5	735	41	39.0	37.6	90.1	0.76	240.4	6.8	1.9	2.0	0.491	73	80	270
YE3-225M-8	22	745	47.3	44.9	43.3	90.6	0.78	282.0	7.0	1.9	2.0	0.547	73	80	300
YE3-250M-8	30	745	63.2	60.0	57.9	91.3	0.79	384.6	6.7	1.9	2.0	0.830	75	82	390
YE3-280S-8	37	745	77.5	73.6	71.0	91.8	0.79	474.3	6.7	1.9	2.0	1.390	76	83	510
YE3-280M-8	45	745	93.9	89.2	86.0	92.2	0.79	576.8	6.7	1.9	2.0	1.650	76	83	560
YE3-315S-8	55	745	111.5	106.0	102.1	92.5	0.81	705.0	6.8	1.8	2.0	4.790	82	88	770
YE3-315M-8	75	745	151.5	143.6	138.4	93.1	0.81	961.4	6.3	1.8	2.0	5.580	82	88	1000
YE3-315L1-8	90	745	178.5	169.6	163.5	93.4	0.82	1153.7	6.4	1.8	2.0	6.370	82	88	1060
YE3-315L2-8	110	745	217.5	206.6	199.2	93.7	0.82	1410.1	6.4	1.8	2.0	7.230	82	88	1060
YE3-355M1-8	132	745	263.4	250.2	241.2	94.0	0.82	1692.1	6.5	1.8	2.0	11.73	89	90	1680
YE3-355M-8	160	745	318.3	302.4	291.4	94.3	0.82	2051.0	7.4	1.8	2.0	12.48	89	90	1760
YE3-355L1-8	185	745	368	349.6	337	94.3	0.82	2371.5	6.6	1.8	2.0	12.86	89	90	1850
YE3-355L2-8	200	745	396.6	376.7	363.1	94.6	0.82	2563.8	8.4	1.8	2.0	13.85	89	90	1990
YE3-3351-8	220	745	436.2	414.4	399.5	94.6	0.83	2820.1	6.7	1.8	2.0	14.23	89	90	2380
YE3-3552-8	250	745	495.7	471	454	94.6	0.83	3204.7	9.4	1.8	2.0	14.85	89	90	2430

B3 外形及安装尺寸图

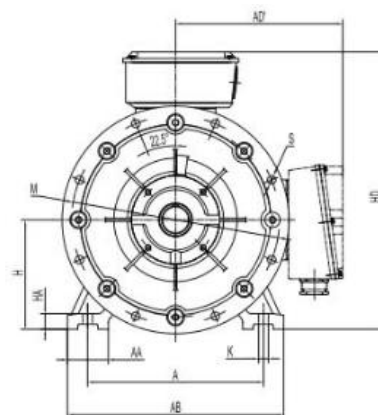
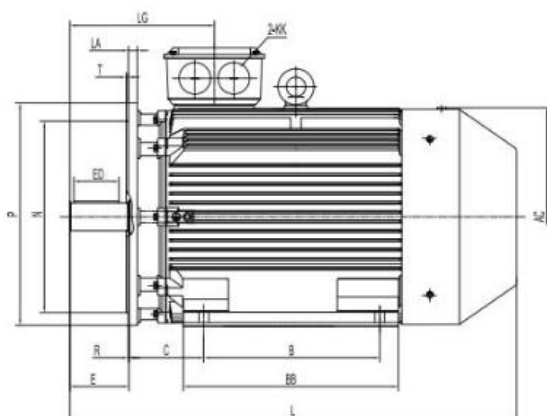
YE3-80-132



YE3-225-280



YE3-315-355

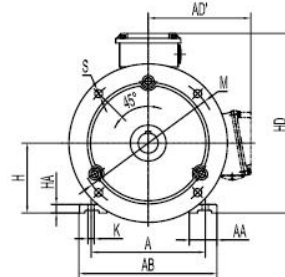
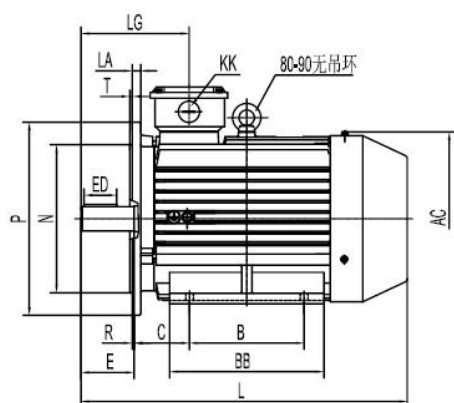


Frame	A	AA	AB	AC	AD'	B	BB	C	D	E	ED	F	G	GD	H	HA	HD	K	KK	L	LG
80	125	34	160	180	160	100	142	50	19	40	22	6	15.5	6	80	10	240	10	M25X1.5	305	112
90S	140	36	180	210	170	100	180	56	24	50	32	8	20	7	90	12.5	260	10	M25X1.5	240	132
90L	140	36	180	210	165	125	210	56	24	50	32	8	20	7	90	12.5	260	10	M25X1.5	365	132
100L	160	40	200	220	185	140	233	63	28	60	40	8	24	7	100	14	285	12	M25X1.5	403	153
112M	190	45	236	236	205	140	252	70	28	60	40	8	24	7	112	14	315	12	M32X1.5	410	144
132S	216	52	265	275	225	140	220	89	38	80	56	10	33	8	132	16	355	12	M32X1.5	485	167
132M	216	52	265	275	225	178	258	89	38	80	56	10	33	8	132	16	355	12	M32X1.5	525	167
160M	254	65	320	330	265	210	325	108	42	110	80	12	37	8	160	19	425	14.5	M40X1.5	665	268
160L	254	65	320	330	265	254	325	108	42	110	80	12	37	8	160	19	425	14.5	M40X1.5	665	268
180M	279	70	350	380	285	241	335	121	48	110	80	14	42.5	9	180	22	465	14.5	M40X1.5	730	277
180L	279	70	350	380	285	279	335	121	48	110	80	14	42.5	9	180	22	465	14.5	M40X1.5	730	277
200L	318	80	390	420	310	305	355	133	55	110	90	16	49	10	200	25	510	18.5	M50X1.5	790	298
225S(4-6P)	356	75	435	465	335	286	350	149	60	140	100	18	53	11	225	28	560	18.5	M50X1.5	840	338
225M(2P)	356	75	435	465	335	311	375	149	55	110	80	16	49	10	225	28	560	18.5	M50X1.5	865	338
225M(4-6P)	356	75	435	465	335	311	375	149	60	140	100	18	53	11	225	28	560	18.5	M50X1.5	865	338
250M(2P)	406	100	485	520	385	349	450	168	60	140	100	18	53	11	250	33	635	24	M63X1.5	945	360
250M(4-6P)	406	100	485	520	385	349	450	168	65	140	100	18	58	11	250	33	635	24	M63X1.5	945	360
280S(2P)	457	105	550	570	415	368	490	190	65	140	100	18	58	11	280	35	695	24	M63X1.5	990	344
280S(4-6P)	457	105	550	570	415	368	490	190	75	140	100	20	67.5	12	280	35	695	24	M63X1.5	990	344
280M(2P)	457	105	550	570	415	419	540	190	65	140	100	18	58	11	280	35	695	24	M63X1.5	1045	344
280M(4-6P)	457	105	550	570	415	419	540	190	75	140	100	20	67.5	12	280	35	695	24	M63X1.5	1045	344
315S(2P)	508	125	630	650	490	406	515	216	65	140	100	18	58	11	315	45	805	28	M63X1.5	1185	417
315M(2P)	508	125	630	650	490	457	625	216	65	140	100	18	58	11	315	45	805	28	M63X1.5	1295	417
315L(2P)	508	125	630	650	490	508	625	216	65	140	100	18	58	11	315	45	805	28	M63X1.5	1295	417
315S(4-6P)	508	125	630	650	490	406	515	216	80	170	130	22	71	14	315	45	805	28	M63X1.5	1215	417
315M(4-6P)	508	125	630	650	490	457	625	216	80	170	130	22	71	14	315	45	805	28	M63X1.5	1325	417
315L(4-6P)	508	125	630	650	490	508	625	216	80	170	130	22	71	14	315	45	805	28	M63X1.5	1325	417
355M(2P)	610	125	735	735	645	560	850	254	75	140	110	20	67.5	12	355	49	1000	28	M63X1.5	1620	420
355L1(2P)	610	125	735	735	645	630	850	254	75	140	110	20	67.5	12	355	49	1000	28	M63X1.5	1620	420
355L2,3(2P)	630	135	760	800	770	800	1140	224	80	170	130	22	71	14	355	52	1000	35	M63X1.5	1870	472
355M(4-6P)	610	125	735	735	645	560	850	254	95	170	140	25	86	14	355	49	1000	28	M63X1.5	1650	450
355L1(4-6P)	610	125	735	735	645	630	850	254	95	170	140	25	86	14	355	49	1000	28	M63X1.5	1650	450
355L3-4P,L2-6P	630	135	800	800	770	800	1140	224	110	210	180	28	100	16	355	52	1000	35	M63X1.5	1940	512

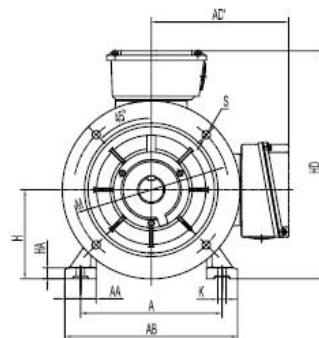
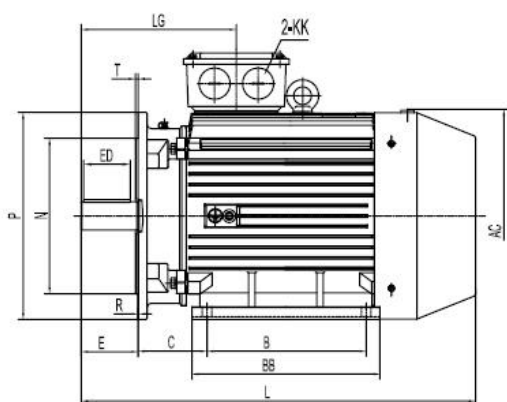
B35 外形及安装尺寸图

DIMENSIONS MOUNT B35

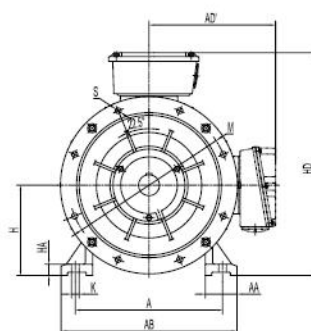
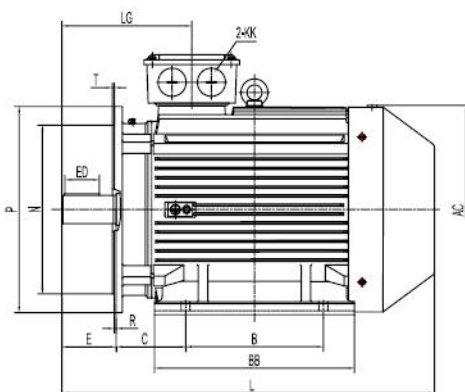
YE3-80-132



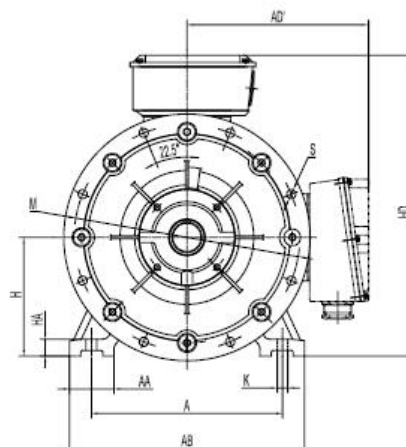
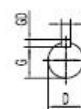
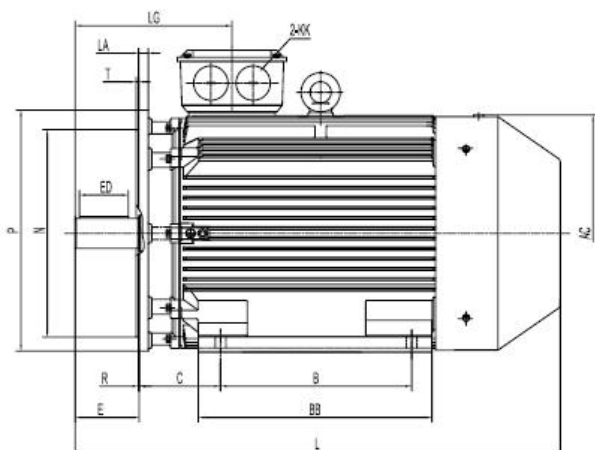
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YE3-225-280



YE3-315-355



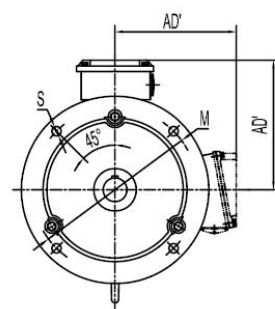
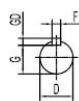
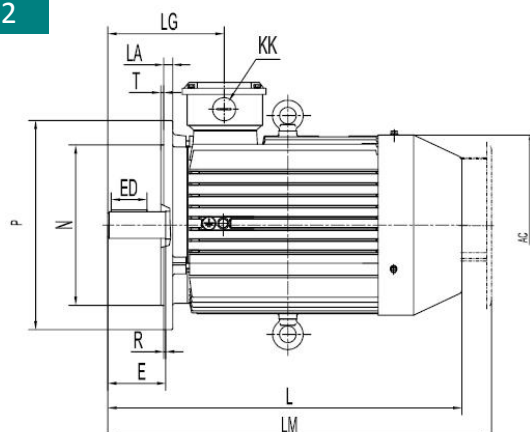
Frame	A	AA	AB	AC	AD'	B	BB	C	D	E	ED	F	G	GD	H	HA	HD	K	L	LA	LG	M	N	P	S	T	KK
80	125	34	160	180	160	100	142	50	19	40	22	6	15.5	6	80	10	240	10	305	14	112	165	130	200	12	3.5	M25X1.5
90S	140	36	180	210	170	100	180	56	24	50	32	8	20	7	90	13	260	10	340	12	132	165	130	200	12	3.5	M25X1.5
90L	140	36	180	210	165	125	210	56	24	50	32	8	20	7	90	13	260	10	365	12	132	165	130	200	12	3.5	M25X1.5
100L	160	40	200	220	185	140	233	63	28	60	40	8	24	7	100	14	285	12	403	14	153	215	180	250	14.5	4	M25X1.5
112M	190	45	230	236	205	140	252	70	28	60	40	8	24	7	112	14	315	12	410	12	144	215	180	250	14.5	4	M32X1.5
132S	216	52	265	275	225	140	220	89	38	80	56	10	33	8	132	16	355	12	485	13	167	265	230	300	14.5	4	M32X1.5
132M	216	52	265	275	225	178	258	89	38	80	56	10	33	8	132	16	355	12	525	13	167	265	230	300	14.5	4	M32X1.5
160M	254	65	320	330	265	210	325	108	42	110	80	12	37	8	160	19	425	14.5	665	15	268	300	250	350	18.5	5	M40X1.5
160L	254	65	320	330	265	254	325	108	42	110	80	12	37	8	160	19	425	14.5	665	15	268	300	250	350	18.5	5	M40X1.5
180M	279	70	350	380	285	241	335	121	48	110	80	14	42.5	9	180	22	465	14.5	730	15	277	300	250	350	18.5	5	M40X1.5
180L	279	70	350	380	285	279	335	121	48	110	80	14	42.5	9	180	22	465	14.5	730	15	277	300	250	350	18.5	5	M40X1.5
200L	318	80	390	420	310	305	355	133	55	110	90	16	49	10	200	25	510	18.5	790	17	298	350	300	400	18.5	5	M50X1.5
225S(4-6P)	356	75	435	465	335	286	350	149	60	140	100	18	53	11	225	28	560	18.5	840	19	338	400	350	450	18.5	5	M50X1.5
225M(2P)	356	75	435	465	335	311	375	149	55	110	80	16	49	10	225	28	560	18.5	865	19	338	400	350	450	18.5	5	M50X1.5
225M(4-6P)	356	75	435	465	335	311	375	149	60	140	100	18	53	11	225	28	560	18.5	865	19	338	400	350	450	18.5	5	M50X1.5
250M(2P)	406	100	485	520	385	349	450	168	60	140	100	18	53	11	250	33	635	24	945	20	360	500	450	550	18.5	5	M63X1.5
250M(4-6P)	406	100	485	520	385	349	450	168	65	140	100	18	58	11	250	33	635	24	945	20	360	500	450	550	18.5	5	M63X1.5
280S(2P)	457	105	550	570	415	368	490	190	65	140	100	18	58	11	280	35	695	24	990	22	344	500	450	550	18.5	5	M63X1.5
280S(4-6P)	457	105	550	570	415	368	490	190	75	140	100	20	67.5	12	280	35	695	24	990	22	344	500	450	550	18.5	5	M63X1.5
280M(2P)	457	105	550	570	415	419	540	190	65	140	100	18	58	11	280	35	695	24	1045	22	344	500	450	550	18.5	5	M63X1.5
280M(4-6P)	457	105	550	570	415	419	540	190	75	140	100	20	67.5	12	280	35	695	24	1045	22	344	500	450	550	18.5	5	M63X1.5
315S(2P)	508	125	630	650	490	406	515	216	65	140	100	18	58	11	315	45	805	28	1185	24	417	600	550	660	24	6	M63X1.5
315M(2P)	508	125	630	650	490	457	625	216	65	140	100	18	58	11	315	45	805	28	1295	24	417	600	550	660	24	6	M63X1.5
315L(2P)	508	125	630	650	490	508	625	216	65	140	100	18	58	11	315	45	805	28	1295	24	417	600	550	660	24	6	M63X1.5
315S(4-6P)	508	125	630	650	490	406	515	216	80	170	130	22	71	14	315	45	805	28	1185	24	417	600	550	660	24	6	M63X1.5
315M(4-6P)	508	125	630	650	490	457	625	216	80	170	130	22	71	14	315	45	805	28	1325	24	417	600	550	660	24	6	M63X1.5
315L(4-6P)	508	125	630	650	490	508	625	216	80	170	130	22	71	14	315	45	805	28	1325	24	417	600	550	660	24	6	M63X1.5
355M(2P)	610	125	735	735	645	560	850	254	75	140	110	20	67.5	12	355	49	1000	28	1620	25	420	740	680	800	24	6	M63X1.5
355L1(2P)	610	125	735	735	645	630	850	254	75	140	110	20	67.5	12	355	49	1000	28	1620	25	420	740	680	800	24	6	M63X1.5
355L2,3(2P)	630	135	760	800	770	800	1140	224	80	170	130	22	71	14	355	52	1000	35	1870	25	472	840	780	900	24	6	M63X1.5
355M(4-6P)	610	125	735	735	645	560	850	254	95	170	140	25	86	14	355	49	1000	28	1650	25	450	740	680	800	24	6	M63X1.5
355L1(4-6P)	610	125	735	735	645	630	850	254	95	170	140	25	86	14	355	49	1000	28	1650	25	450	740	680	800	24	6	M63X1.5
355L3-4P,L2-6P	630	135	760	800	770	800	1140	224	110	210	180	28	100	16	355	52	1000	35	1940	25	512	840	780	900	24	6	M63X1.5

Note: R=0

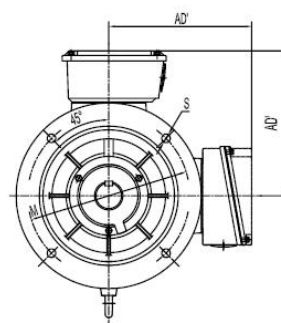
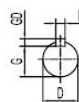
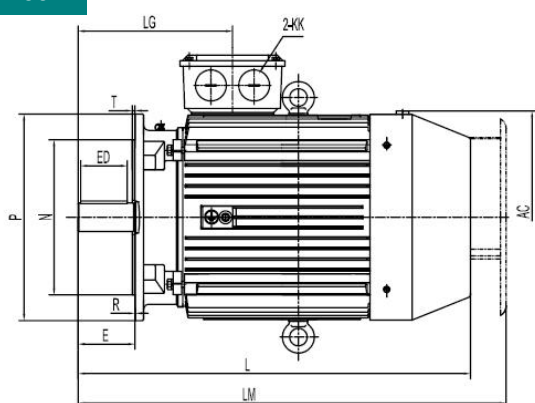
B5&V1 外形及安装尺寸

DIMENSIONS MOUNT B5&V1

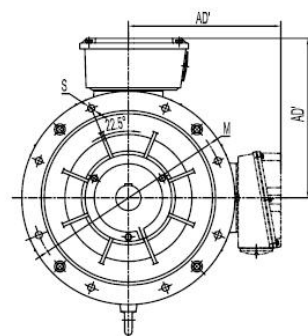
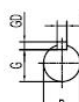
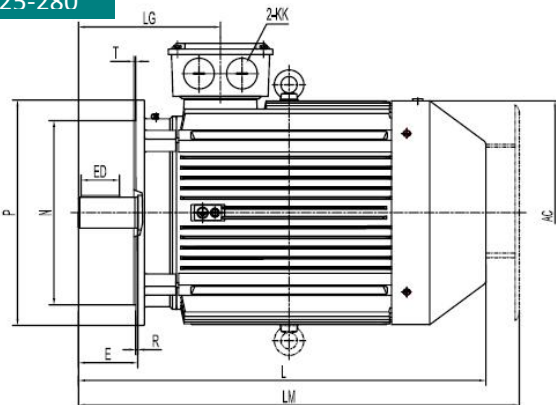
YE3-80-132



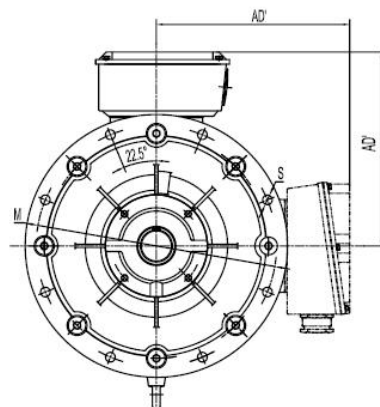
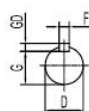
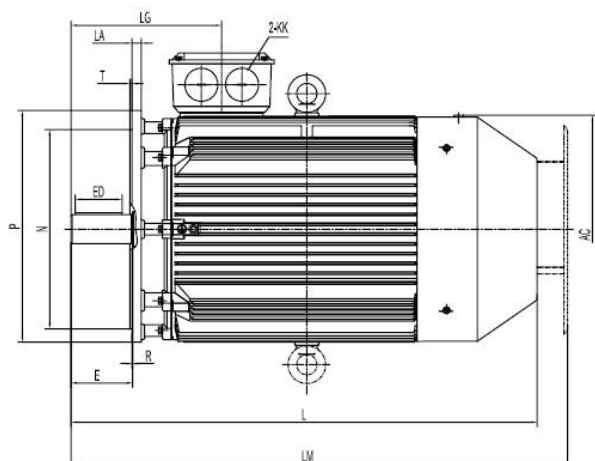
YE3-160-200



YE3-225-280

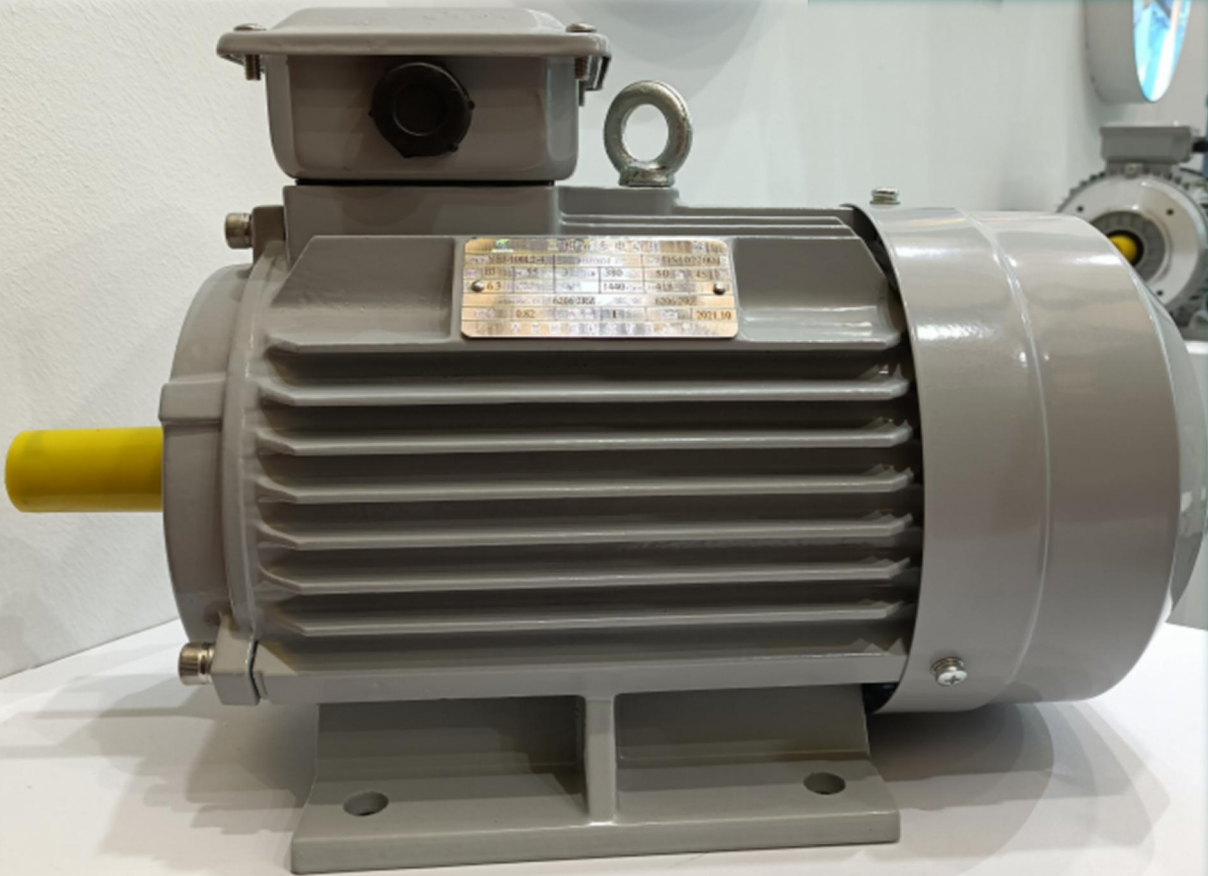


YE3-315-355



Frame	AC	AD'	D	E	ED	F	G	GD	L	LA	LG	LM	M	N	P	S	T	KK
80	175	160	19	40	22	6	15.5	6	305	14	112	345	165	130	200	12	3.5	M25X1.5
90S	195	170	24	50	32	8	20	7	340	12	132	380	165	130	200	12	3.5	M25X1.5
90L	195	170	24	50	32	8	20	7	365	12	132	405	165	130	200	12	3.5	M25X1.5
100L	215	185	28	60	40	8	24	7	403	14	153	450	215	180	250	14.5	4	M25X1.5
112M	240	205	28	60	40	8	24	7	410	12	144	460	215	180	250	14.5	4	M32X1.5
132S	275	225	38	80	56	10	33	8	485	13	167	535	265	230	300	14.5	4	M32X1.5
132M	275	225	38	80	56	10	33	8	525	13	167	575	265	230	300	14.5	4	M32X1.5
160M	330	265	42	110	80	12	37	8	665	15	268	720	300	250	350	18.5	5	M40X1.5
160L	330	265	42	110	80	12	37	8	665	15	268	720	300	250	350	18.5	5	M40X1.5
180M	380	285	48	110	80	14	42.5	9	730	15	277	785	300	250	350	18.5	5	M40X1.5
180L	380	285	48	110	80	14	42.5	9	730	15	277	785	300	250	350	18.5	5	M40X1.5
200L	420	310	55	110	90	16	49	10	790	17	298	860	350	300	400	18.5	5	M50X1.5
225S(4-6P)	465	335	60	140	100	18	53	11	840	19	338	910	400	350	450	18.5	5	M50X1.5
250M(2P)	520	385	60	140	100	18	53	11	945	20	360	1025	500	450	550	18.5	5	M63X1.5
250M(4-6P)	520	385	65	140	100	18	58	11	945	20	360	1025	500	450	550	18.5	5	M63X1.5
280S(2P)	570	415	65	140	100	18	58	11	990	22	344	1080	500	450	550	18.5	5	M63X1.5
280S(4-6P)	570	415	75	140	100	20	67.5	12	990	22	344	1080	500	450	550	18.5	5	M63X1.5
280M(2P)	570	415	65	140	100	18	58	11	1045	22	344	1125	500	450	550	18.5	5	M63X1.5
280M(4-6P)	570	415	75	140	100	20	67.5	12	1045	22	344	1125	500	450	550	18.5	5	M63X1.5
315S(2P)	650	490	65	140	100	18	58	11	1185	24	417	1285	600	550	660	24	6	M63X1.5
315M(2P)	650	490	65	140	100	18	58	11	1295	24	417	1395	600	550	660	24	6	M63X1.5
315L(2P)	650	490	65	140	100	18	58	11	1295	24	417	1395	600	550	660	24	6	M63X1.5
315S(4-6P)	650	490	80	170	130	22	71	14	1215	24	417	1315	600	550	660	24	6	M63X1.5
315M(4-6P)	650	490	80	170	130	22	71	14	1325	24	417	1425	600	550	660	24	6	M63X1.5
315L(4-6P)	650	490	80	170	130	22	71	14	1325	24	417	1425	600	550	660	24	6	M63X1.5
355M(2P)V1	735	645	75	140	110	20	67.5	12	1620	25	420	1720	740	680	800	24	6	M63X1.5
355L1(2P)V1	735	645	75	140	110	20	67.5	12	1620	25	420	1720	740	680	800	24	6	M63X1.5
355L2,3(2P)V1	800	770	80	170	130	22	71	14	1870	25	472	1970	840	780	900	24	6	M63X1.5
355M(4-6P)V1	735	645	95	170	140	25	86	14	1650	25	450	1750	740	680	800	24	6	M63X1.5
355L1(4-6P)V1	735	645	95	170	140	25	86	14	1650	25	450	1750	740	680	800	24	6	M63X1.5
355L3-4PL2-6PV1	800	770	110	210	180	28	100	16	1940	25	512	2040	840	780	900	24	6	M63X1.5

Note: R=0



产品介绍

YE2 系列高效率三相异步电动机是根据国家中小型三相异步电动机能效限定值及能效等级 GB18613-2020 生产制造。电机全部是采用新材料、新工艺和新标准制造的全封闭、自扇冷鼠笼型异步电动机，可广泛应用于风机、水泵、机床、压缩机、运输机械等驱动各种通用机械设备，也可以用在石油、化工、钢铁、矿山等其他环境比较恶劣的场所使用。YE2 系列电动机防护等级 IP55，绝缘等级 F 级，其效率更高，结构更加合理，振动更小，噪音更低，是 Y、Y2、Y3 系列的理想更新换代产品。

Product Introduction

YE2 series high efficiency motors are made according to national minimum allowable values of energy efficiency and energy efficiency grades for small and medium three-phase induction motors GB18613-2020. The motors are totally enclosed fan cooled squirrel cage, which adopts new materials, new processing methods and new safety design technology. This series motors can be widely used in various kinds of general machinery like fans, pumps, machines tools, compressors, transportation and so on, and can also be used in the hazardous areas with oil, chemical, steel and mining industry. YE2 series motors are protection class IP55 and insulation class F. The motors are the entirely refreshed generation products aimed to replace the Y, Y2 and Y3 series motors, with higher efficiency, better structure, lower noise, less vibration and so on.

详细说明

执行标准: GB18613-2020, ICE60034-30
中心高: H80-355mm
额定输出功率: 0.75kW-375kW
能效等级: IE2、三级能效 (GB18613-2020)
电压和频率: 380V/50Hz
防护等级: IP55
绝缘/温升等级: F/B
安装形式: B3、B5、B35、V1
环境温度: -15℃到+40℃
相对湿度≤90%
海拔≤1000 米
冷却方式: IC411

SPECIFICATION

Standard: GB18613-2020, ICE60034-30
Frame Size: H80-355mm
Rated Power: 0.75kW-375kW
Degree of Energy Efficiency: IE2、Grade 3 (GB18613-2020)
Voltage and Frequency: 380V / 50Hz
Degrees of protections: IP55
Degrees of Insulation/ Temperature Rise: F/B
Installation Method: B3、B5、B35、V1
Ambient Temperature: -15℃ to +40℃
Relative humidity should be less than 90%
Altitude should be lower than 1000m above sea level.
Cooling Methods: IC411
Cooling Method: IC411

2 极-同步转速 3000r/min 2-pole, 3000r/min synchronous speed

电机型号	额定功率 kW	额定转速 r/min	额定电流 A	额定电流 A	额定电流 A	额定效率 η %	功率因数 cos φ	额定转矩 Nm	堵转电流	堵转转矩	最大转矩	最小转矩	空载噪音 Db(A)	负载噪音 Db(A)	重量
									额定电流	额定转矩	额定转矩	额定转矩			
									Ist	Ist	Tmax	Tmin			
Motor Type	Rated Power kW	Rated Speed r/min	Rated Current 380V A	Rated Current 400V A	Rated Current 415V A	Rated Eff. η %	Power Factor cos φ	Rated Torque Nm	In	In	In	In	LW Db(A) no load	LW Db(A) load	Net Weight Kg
YE2-80M1-2	0.75	2830	1.8	1.7	1.6	77.4	0.82	2.5	6.8	2.3	2.3	1.5	62	64	18
YE2-80M2-2	1.1	2830	2.5	2.4	2.3	79.6	0.83	3.7	7.1	2.3	2.3	1.5	62	64	19
YE2-90S-2	1.5	2840	3.3	3.1	3	81.3	0.84	5	7.3	2.3	2.3	1.5	67	69	24
YE2-90L-2	2.2	2840	4.7	4.5	4.3	83.2	0.85	7.4	7.6	2.3	2.3	1.4	67	69	28
YE2-100L-2	3	2870	6.2	5.9	5.7	84.6	0.87	10	7.8	2.2	2.3	1.4	74	76	36
YE2-112M-2	4	2890	8	7.6	7.3	85.8	0.88	13.2	8.1	2.2	2.3	1.4	77	79	42
YE2-132S1-2	5.5	2900	10.9	10.4	10	87	0.88	18.1	8.2	2.2	2.3	1.2	79	81	62
YE2-132S2-2	7.5	2900	14.5	13.8	13.3	88.1	0.89	24.7	7.8	2.2	2.3	1.2	79	81	66
YE2-160M1-2	11	2930	21	20	19.2	89.4	0.89	35.9	7.9	2.2	2.3	1.2	81	83	115
YE2-160M2-2	15	2930	28.4	27	26	90.3	0.89	48.9	7.9	2.2	2.3	1.2	81	83	123
YE2-160L-2	18.5	2930	34.7	33	31.8	90.9	0.89	60.3	8.0	2.2	2.3	1.1	81	83	141
YE2-180M-2	22	2940	41.1	39	37.6	91.3	0.89	71.5	8.1	2.2	2.3	1.1	83	85	180
YE2-200L1-2	30	2950	55.7	52.9	51	92	0.89	97.2	7.5	2.0	2.3	1.1	84	86	240
YE2-200L2-2	37	2950	68.3	64.9	62.5	92.5	0.89	120	7.5	2.0	2.3	1.1	84	86	260
YE2-225M-2	45	2970	82.7	78.6	75.7	92.9	0.89	145	7.5	2.2	2.3	1	86	88	301
YE2-250M-2	55	2970	101	96	92.5	93.2	0.89	177	7.6	2.2	2.3	1	89	91	399
YE2-280S-2	75	2970	137	130	125	93.8	0.89	241	6.9	1.8	2.3	0.9	91	93	530
YE2-280M-2	90	2970	163	155	149	94.1	0.89	290	6.9	1.8	2.3	0.9	91	93	580
YE2-315S-2	110	2980	197	187	180	94.3	0.90	353	7.0	1.8	2.2	0.9	92	94	830
YE2-315M-2	132	2980	236	224	216	94.6	0.90	423	7.0	1.8	2.2	0.9	92	94	930
YE2-315L1-2	160	2980	282	268	258	94.8	0.91	513	7.1	1.8	2.2	0.9	92	94	980
YE2-315L-2	185	2980	326	310	298	94.8	0.91	593	7.1	1.8	2.2	0.9	92	94	1065
YE2-315L2-2	200	2980	352	334	322	95.0	0.91	641	7.1	1.8	2.2	0.8	92	94	1150
YE2-355M1-2	220	2980	387	367	354	95.0	0.91	705	7.1	1.6	2.2	0.8	92	94	1530
YE2-355M2-2	250	2980	439	417	402	95.0	0.91	802	7.1	1.6	2.2	0.8	100	102	1640
YE2-355L-2	280	2980	492	468	451	95.0	0.91	897	7.1	1.6	2.2	0.8	100	102	1780
YE2-355L1-2	315	2980	554	526	507	95.0	0.91	1010	7.2	1.6	2.2	0.8	100	102	1850
YE2-355L2-2	355	2980	624	593	571	95.0	0.91	1138	7.2	1.6	2.2	0.8	104	106	2300
YE2-355L3-2	375	2980	659	626	603	95.0	0.91	1202	7.2	1.6	2.2	0.7	104	106	2350

4 极-同步转速 1500r/min 4-pole, 1500r/min synchronous speed

电机型号	额定功率 kW	额定转速 r/min	额定电流 A	额定电流 A	额定电流 A	额定效率 η%	功率因数 cos Φ	额定转矩 Nm	堵转电流	堵转转矩	最大转矩	最小转矩	空载噪音 Db(A)	负载噪音 Db(A)	重量
									额定电流	额定转矩	额定转矩	额定转矩			
									Ist	Tst	Tmax	Tmin			
Motor Type	Rated Power kW	Rated Speed r/min	Rated Current 380V A	Rated Current 400V A	Rated Current 415V A	Rated Eff. η%	Power Factor cos Φ	Rated Torque Nm	In	Tn	Tn	Tn	LW Db(A) no load	LW Db(A) load	Net Weight Kg
YE2-802-4	0.75	1390	1.9	1.8	1.7	79.6	0.76	5.2	6.4	2.3	2.3	1.6	56	61	20
YE2-90S-4	1.1	1400	2.7	2.6	2.5	81.4	0.77	7.5	6.6	2.3	2.3	1.6	59	64	23
YE2-90L-4	1.5	1400	3.5	3.3	3.2	82.8	0.78	10.2	6.7	2.3	2.3	1.6	59	64	27
YE2-100L1-4	2.2	1430	5	4.8	4.6	84.3	0.8	14.7	7.3	2.3	2.3	1.5	64	69	36
YE2-100L2-4	3	1430	6.6	6.3	6	85.5	0.81	20	7.5	2.3	2.3	1.5	64	69	42
YE2-112M-4	4	1440	8.7	8.3	8	86.6	0.81	26.5	7.5	2.3	2.3	1.5	65	70	47
YE2-132S-4	5.5	1440	11.6	11	10.6	87.7	0.82	36.5	7.5	2.0	2.3	1.4	71	76	68
YE2-132M-4	7.5	1440	15.5	14.7	14.2	88.7	0.83	49.8	7.3	2.0	2.3	1.4	71	76	78
YE2-160M-4	11	1460	22.5	21.4	20.6	89.8	0.83	72	7.4	2.0	2.3	1.4	73	78	120
YE2-160L-4	15	1460	29.9	28.4	27.4	90.6	0.84	98.2	7.5	2.0	2.3	1.4	73	78	140
YE2-180M-4	18.5	1470	36.3	34.5	33.2	91.2	0.85	120	7.6	2.0	2.3	1.2	76	80	180
YE2-180L-4	22	1470	42.9	40.8	39.3	91.6	0.85	143	7.7	2.1	2.3	1.2	76	80	190
YE2-200L-4	30	1470	58.1	55.2	53.2	92.3	0.85	195	7.1	2.1	2.3	1.2	76	80	250
YE2-225S-4	37	1480	70.5	67	64.6	92.7	0.86	239	7.3	2.1	2.3	1.2	78	81	300
YE2-225M-4	45	1480	85.4	81.1	78.2	93.1	0.86	290	7.3	2.2	2.3	1.1	78	81	327
YE2-250M-4	55	1480	104	98.8	95.2	93.5	0.86	355	7.3	2.2	2.3	1.1	79	82	410
YE2-280S-4	75	1480	139	132	127	94	0.87	484	6.8	2.2	2.3	1	80	83	560
YE2-280M-4	90	1490	165	157	151	94.2	0.88	577	6.9	2.2	2.3	1	80	83	620
YE2-315S-4	110	1490	199	189	182	94.5	0.89	705	6.9	2.1	2.2	1	88	91	860
YE2-315M-4	132	1490	238	226	218	94.7	0.89	846	6.9	2.1	2.2	1	88	91	970
YE2-315L1-4	160	1490	285	271	261	94.9	0.90	1026	6.9	2.1	2.2	1	88	91	1047
YE2-315L-4	185	1490	329	313	301	94.9	0.90	1186	6.9	2.1	2.2	1	88	91	1100
YE2-315L2-4	200	1490	355	337	325	95.1	0.90	1282	6.9	2.1	2.2	0.9	88	91	1200
YE2-355M1-4	220	1490	391	371	358	95.1	0.90	1410	6.9	2.0	2.2	0.9	95	97	1575
YE2-355M-4	250	1490	444	422	407	95.1	0.90	1603	6.9	2.0	2.2	0.9	95	97	1665
YE2-355L-4	280	1490	497	472	455	95.1	0.90	1795	6.9	2.0	2.2	0.9	95	97	1720
YE2-355L1-4	315	1490	559	531	512	95.1	0.90	2020	6.9	2.0	2.2	0.8	95	97	1815
YE2-355L2-4	355	1490	637	605	583	95.1	0.89	2276	6.5	1.7	2.2	0.8	102	104	1950
YE2-355L3-4	375	1490	681	647	624	95.1	0.88	2405	6.5	1.7	2.2	0.8	102	104	2350

6 极-同步转速 1000r/min 6-pole, 1000r/min synchronous speed

电机型号	额定功率 kW	额定转速 r/min	额定电流 A	额定电流 A	额定电流 A	额定效率 η%	功率因数 cos φ	额定转矩 Nm	堵转电流	堵转转矩	最大转矩	最小转矩	空载噪音 Db(A)	负载噪音 Db(A)	重量
									额定电流	额定转矩	额定转矩	额定转矩			
									Ist	Ist	Tmax	Tmin			
Motor Type	Rated Power kW	Rated Speed r/min	Rated Current 380V A	Rated Current 400V A	Rated Current 415V A	Rated Eff. η%	Power Factor cos φ	Rated Torque Nm	In	In	Tn	Tn	LW Db(A) no load	LW Db(A) load	Net Weight Kg
YE2-90S-6	0.75	910	2.1	2	1.9	75.9	0.71	7.9	5.8	2.0	2.1	1.5	57	64	24
YE2-90L-6	1.1	910	3.0	2.9	2.7	78.1	0.72	11.5	5.9	2.0	2.1	1.3	57	64	28
YE2-100L-6	1.5	940	4.0	3.8	3.7	79.8	0.72	15.2	5.9	2.0	2.1	1.3	61	68	36
YE2-112M-6	2.2	940	5.7	5.4	5.2	81.8	0.72	22.4	6.2	2.0	2.1	1.3	65	72	42
YE2-132S-6	3	960	7.6	7.2	7	83.3	0.72	29.9	6.4	2.0	2.1	1.3	69	76	58
YE2-132M1-6	4	960	9.7	9.2	8.9	84.6	0.74	39.8	6.6	2.0	2.1	1.3	69	76	70
YE2-132M2-6	5.5	960	13	12.4	11.9	86.0	0.75	54.7	6.8	2.0	2.1	1.3	69	76	74
YE2-160M-6	7.5	970	16.8	16	15.4	87.2	0.78	73.9	6.8	2.0	2.1	1.3	73	80	115
YE2-160L-6	11	970	23.9	22.7	21.9	88.7	0.79	108	6.9	2.0	2.1	1.2	73	80	131
YE2-180L-6	15	970	31.0	29.5	28.4	89.7	0.82	148	7.3	2.0	2.1	1.2	73	79	175
YE2-200L1-6	18.5	970	38.9	37	35.6	90.4	0.80	182	7.2	2.0	2.1	1.2	73	79	230
YE2-200L2-6	22	970	45.4	43.1	41.6	90.9	0.81	217	7.3	2.0	2.1	1.2	73	79	245
YE2-225M-6	30	980	60.6	57.6	55.5	91.7	0.82	292	6.8	2.0	2.1	1.2	74	80	306
YE2-250M-6	37	980	73.5	69.8	67.3	92.2	0.83	361	7.0	2.0	2.1	1.2	76	82	394
YE2-280S-6	45	980	86.8	82.5	79.5	92.7	0.85	439	7.2	2.0	2.0	1.1	78	84	511
YE2-280M-6	55	980	104	98.8	95.2	93.1	0.86	536	7.2	2.0	2.0	1.1	78	84	570
YE2-315S-6	75	990	145	138	133	93.7	0.84	724	6.5	2.0	2.0	1.0	83	88	765
YE2-315M-6	90	990	171	162	157	94.0	0.85	869	6.6	2.0	2.0	1.0	83	88	900
YE2-315L1-6	110	990	209	199	191	94.3	0.85	1062	6.6	2.0	2.0	1.0	83	88	970
YE2-315L2-6	132	990	247	235	226	94.6	0.86	1274	6.6	2.0	2.0	1.0	83	88	1050
YE2-355M1-6	160	990	298	283	273	94.8	0.86	1544	6.7	2.0	2.0	1.0	85	89	1565
YE2-355M-6	185	990	345	328	316	94.8	0.86	1785	6.7	2.0	2.0	1.0	85	89	1655
YE2-355M2-6	200	990	372	353	341	95.0	0.86	1930	6.8	2.0	2.0	0.9	85	89	1740
YE2-355L-6	220	990	409	389	375	95.0	0.86	2122	6.8	2.0	2.0	0.9	85	89	1805
YE2-355L1-6	250	990	465	442	426	95.0	0.86	2413	6.8	2.0	2.0	0.9	85	89	1921
YE2-355L-6	280	990	521	495	477	95.0	0.86	2701	6.8	2.0	2.0	0.9	85	89	2040
YE2-355L2-6	315	990	586	557	537	95.0	0.86	3040	6.8	2.0	2.0	0.8	91	95	2400

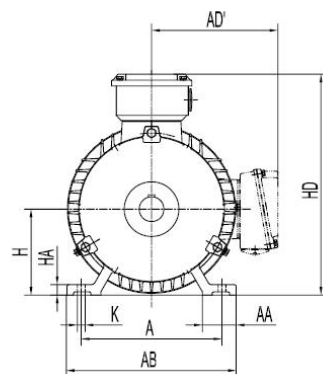
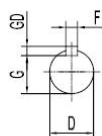
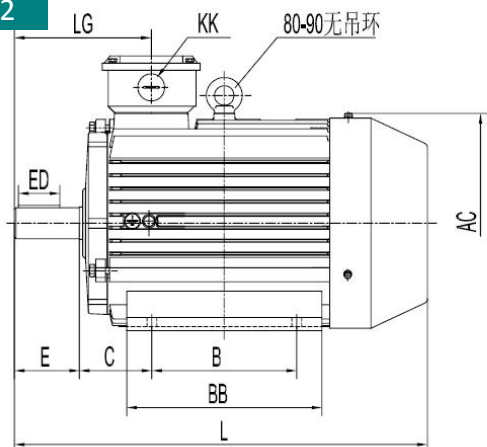
8 极-同步转速 750r/min 8-pole, 750r/min synchronous speed

电机型号	额定功率 kW	额定转速 r/min	额定电流 A	额定电流 A	额定电流 A	额定效率 $\eta\%$	功率因数 $\cos\Phi$	额定转矩 Nm	堵转电流	堵转转矩	最大转矩	空载噪音 Db(A)	负载噪音 Db(A)	重量
									额定电流	额定转矩	额定转矩			
									Ist	Tst	Tmax			
Motor Type	Rated Power kW	Rated Speed r/min	Rated Current 380V A	Rated Current 400V A	Rated Current 415V A	Rated Eff. $\eta\%$	Power Factor $\cos\Phi$	Rated Torque Nm	In	Tn	Tn	LW Db(A) no load	LW Db(A) load	Net Weight Kg
YE2-100L1-8	0.75	690	2.6	2.4	2.4	66.2	0.67	10.4	6.1	1.8	2.0	59	67	30
YE2-100L2-8	1.1	690	3.4	3.3	3.1	70.8	0.69	15.2	6.1	1.8	2.0	59	67	35
YE2-112M-8	1.5	690	4.4	4.2	4.0	74.1	0.70	20.8	6.4	1.8	2.0	61	69	40
YE2-132S-8	2.2	710	6.1	5.8	5.6	77.6	0.71	29.6	6.4	1.8	2.0	64	72	55
YE2-132M-8	3	710	7.8	7.4	7.1	80.0	0.73	40.4	6.8	1.8	2.0	64	72	65
YE2-160M1-8	4	720	10.2	9.7	9.3	81.9	0.73	53.1	6.8	1.9	2.0	68	76	95
YE2-160L2-8	5.5	720	13.5	12.8	12.3	83.8	0.74	73.0	6.7	1.9	2.0	68	76	115
YE2-160L-8	7.5	720	17.8	16.9	16.3	85.3	0.75	99.5	6.4	1.9	2.0	68	76	125
YE2-180L-8	11	730	25.6	24.4	23.5	86.9	0.75	143.9	6.5	2.0	2.0	70	78	180
YE2-200L-8	15	730	34.1	32.4	31.2	88.0	0.76	196.2	6.6	2.0	2.0	73	80	220
YE2-225S-8	18.5	730	41.7	39.7	38.2	88.6	0.76	242	6.6	1.9	2.0	73	80	260
YE2-225M-8	22	740	48.1	45.7	44.0	89.1	0.78	283.9	6.6	1.9	2.0	73	80	290
YE2-250M-8	30	740	64.3	61.0	58.8	89.8	0.79	387.2	6.5	1.9	2.0	75	82	380
YE2-280S-8	37	740	78.8	74.9	72.2	90.3	0.79	477.5	6.5	1.9	2.0	76	83	490
YE2-280M-8	45	740	95.4	90.7	87.4	90.7	0.79	580.7	6.5	1.9	2.0	76	83	530
YE2-315S-8	55	740	113.4	107.7	103.8	91.0	0.81	709.8	6.6	1.8	2.0	82	88	770
YE2-315M-8	75	740	153.6	145.9	140.6	91.6	0.81	967.9	6.1	1.8	2.0	82	88	900
YE2-315L1-8	90	740	181.5	172.4	166.2	91.9	0.82	1161.5	6.2	1.8	2.0	82	88	960
YE2-315L2-8	110	740	220.8	209.8	202.2	92.3	0.82	1419.6	6.3	1.8	2.0	82	88	1060
YE2-355M1-8	132	740	264.1	251.0	241.9	92.6	0.82	1704	6.3	1.8	2.0	89	90	1556
YE2-355M-8	160	740	318.8	302.8	291.9	93.0	0.82	2066	6.3	1.8	2.0	89	90	1680
YE2-355L1-8	185	740	366.6	348.3	335.7	93.5	0.82	2388	6.3	1.8	2.0	89	90	1760
YE2-355L2-8	200	740	396.4	376.5	363.0	93.5	0.82	2582	6.4	1.8	2.0	89	90	1850
YE2-3351-8	220	740	436.0	414.2	399.2	93.5	0.82	2839	6.4	1.8	2.0	89	90	2236
YE2-3552-8	250	740	495.5	470.7	453.6	93.5	0.82	3226	6.4	1.8	2.0	89	90	2380

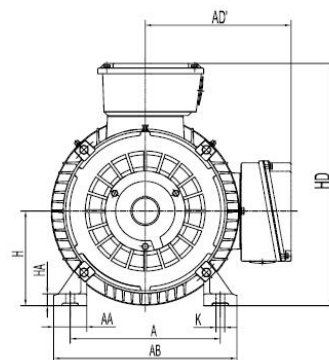
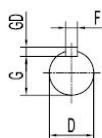
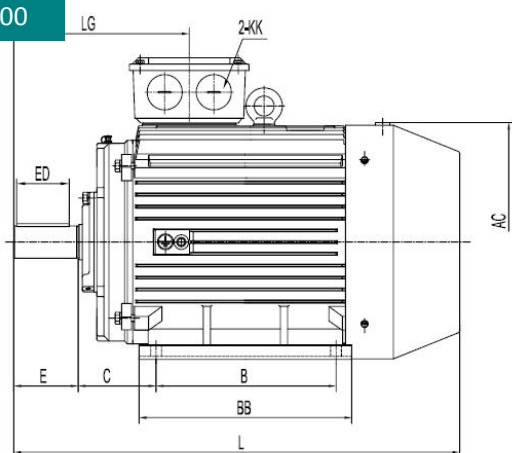
B3 外形及安装尺寸图

DIMENSIONS MOUNT B3

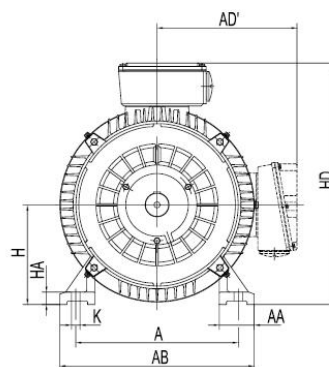
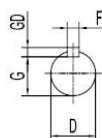
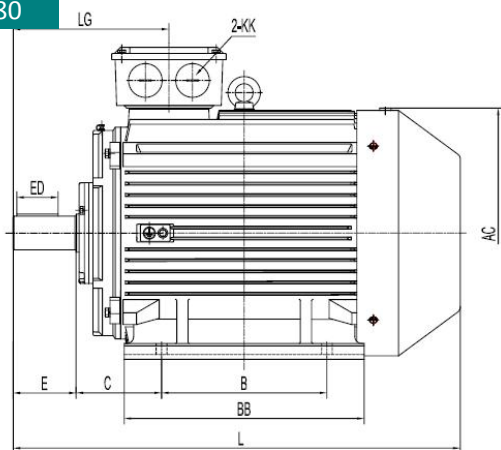
YE2-80-132



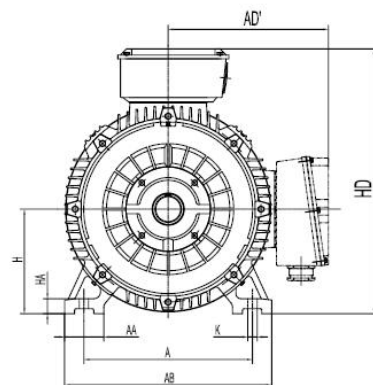
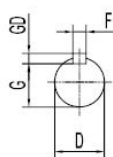
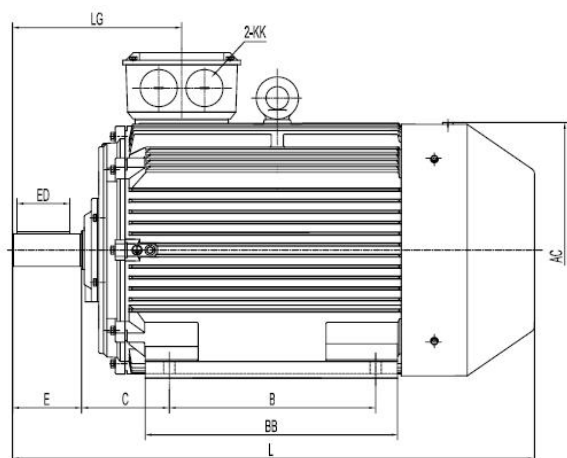
YE2-160-200



YE2-225-280



YE2-315-355

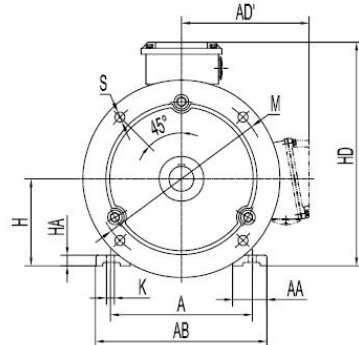
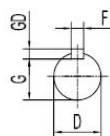
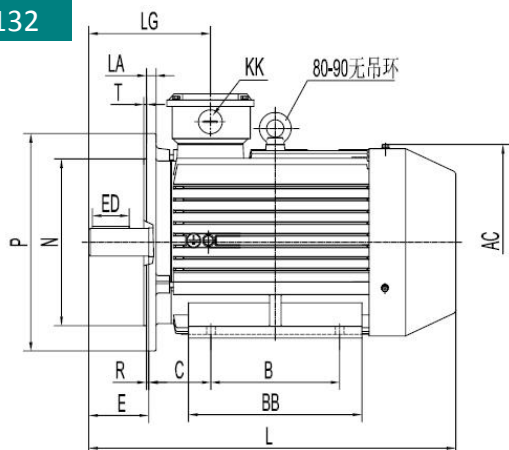


Frame	A	AA	AB	AC	AD'	B	BB	C	D	E	ED	F	G	GD	H	HA	HD	K	KK	L	LG
80	125	34	160	180	160	100	142	50	19	40	22	6	15.5	6	80	10	240	10	M25X1.5	305	112
90S	140	36	180	210	170	100	180	56	24	50	32	8	20	7	90	12.5	260	10	M25X1.5	340	132
90L	140	36	180	210	170	125	210	56	24	50	32	8	20	7	90	12.5	260	10	M25X1.5	365	132
100L	160	40	200	220	185	140	233	63	28	60	40	8	24	7	100	14	285	12	M25X1.5	403	153
112M	190	45	230	236	205	140	252	70	28	60	40	8	24	7	112	14	315	12	M32X1.5	410	144
132S	216	52	265	275	225	140	220	89	38	80	56	10	33	8	132	16	355	12	M32X1.5	485	167
132M	216	52	265	275	225	178	258	89	38	80	56	10	33	8	132	16	355	12	M32X1.5	525	167
160M	254	65	320	330	265	210	325	108	42	110	80	12	37	8	160	19	425	14.5	M40X1.5	605	268
160L	254	65	320	330	265	254	325	108	42	110	80	12	37	8	160	19	425	14.5	M40X1.5	665	268
180M	279	70	350	380	285	241	335	121	48	110	80	14	42.5	9	180	22	465	14.5	M40X1.5	730	277
180L	279	70	350	380	285	279	335	121	48	110	80	14	42.5	9	180	22	465	14.5	M40X1.5	730	277
200L	318	80	390	420	310	305	355	133	55	110	80	16	49	10	200	25	510	18.5	M50X1.5	790	298
225S(4-6P)	356	75	435	465	335	286	350	149	60	140	100	18	53	11	225	28	560	18.5	M50X1.5	840	338
225M(2P)	356	75	435	465	335	311	375	149	55	110	80	16	49	10	225	28	560	18.5	M50X1.5	865	338
225M(4-6P)	356	75	435	465	335	311	375	149	60	140	100	18	53	11	225	28	560	18.5	M50X1.5	865	338
250M(2P)	406	100	485	520	385	349	450	168	60	140	100	18	53	11	250	33	635	24	M63X1.5	945	360
250M(4-6P)	406	100	485	520	385	349	450	168	65	140	100	18	58	11	250	33	635	24	M63X1.5	945	360
280S(2P)	457	105	550	570	415	368	490	190	65	140	100	18	58	11	280	35	695	24	M63X1.5	990	344
280S(4-6P)	457	105	550	570	415	368	490	190	75	140	100	20	67.5	12	280	35	695	24	M63X1.5	990	344
280M(2P)	457	105	550	570	415	419	540	190	65	140	100	18	58	11	280	35	695	24	M63X1.5	1045	344
280M(4-6P)	457	105	550	570	415	419	540	190	75	140	100	20	67.5	12	280	35	695	24	M63X1.5	1045	344
315S(2P)	508	125	630	650	490	406	515	216	65	140	100	18	58	11	315	45	805	28	M63X1.5	1185	417
315M(2P)	508	125	630	650	490	457	625	216	65	140	100	18	58	11	315	45	805	28	M63X1.5	1295	417
315L(2P)	508	125	630	650	490	508	625	216	65	140	100	18	58	11	315	45	805	28	M63X1.5	1295	417
315S(4-6P)	508	125	630	650	490	406	515	216	80	170	130	22	71	14	315	45	805	28	M63X1.5	1215	417
315M(4-6P)	508	125	630	650	490	457	625	216	80	170	130	22	71	14	315	45	805	28	M63X1.5	1325	417
315L(4-6P)	508	125	630	650	490	508	625	216	80	170	130	22	71	14	315	45	805	28	M63X1.5	1325	417
355M(2P)	610	125	735	735	645	560	850	254	75	140	110	20	67.5	12	355	49	1000	28	M63X1.5	1600	420
355L1(2P)	610	125	735	735	645	630	850	254	75	140	110	20	67.5	12	355	49	1000	28	M63X1.5	1600	420
355L2,3(2P)	630	135	760	800	770	800	1140	224	80	170	130	22	71	14	355	52	1000	35	M63X1.5	1870	472
355M(4-6P)	610	125	735	735	645	560	850	254	95	170	140	25	86	14	355	49	1000	28	M63X1.5	1630	450
355L1(4-6P)	610	125	735	735	645	630	850	254	95	170	140	25	86	14	355	49	1000	28	M63X1.5	1630	450
355L2,3(4-6P)	630	135	760	800	770	800	1140	224	110	210	180	28	100	16	355	52	1000	35	M63X1.5	1940	512

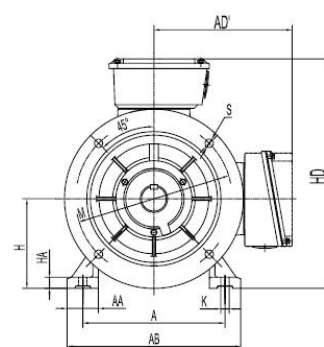
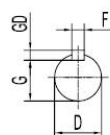
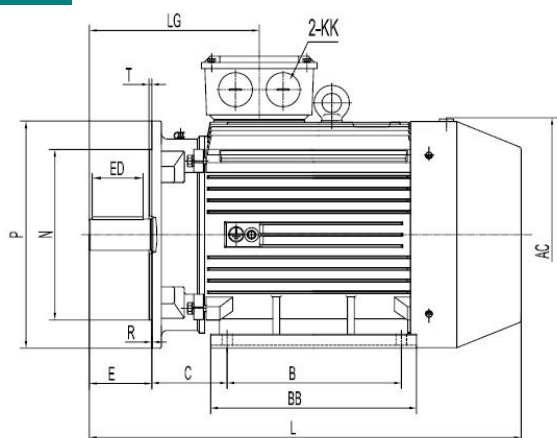
B35 外形及安装尺寸图

DIMENSIONS MOUNT B35

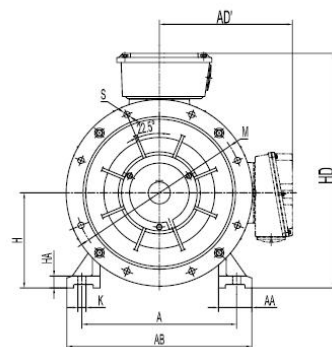
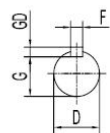
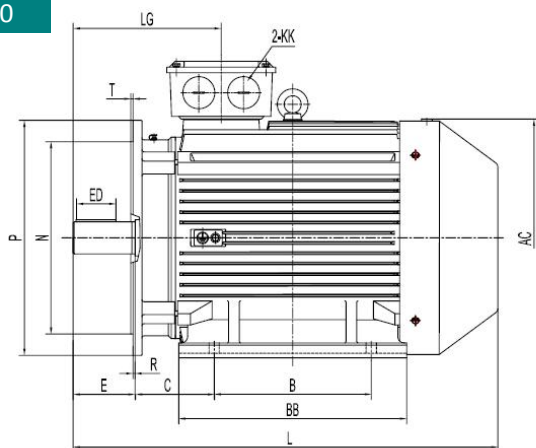
YE2-80-132



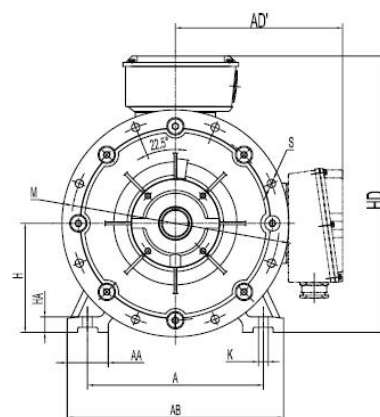
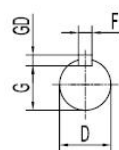
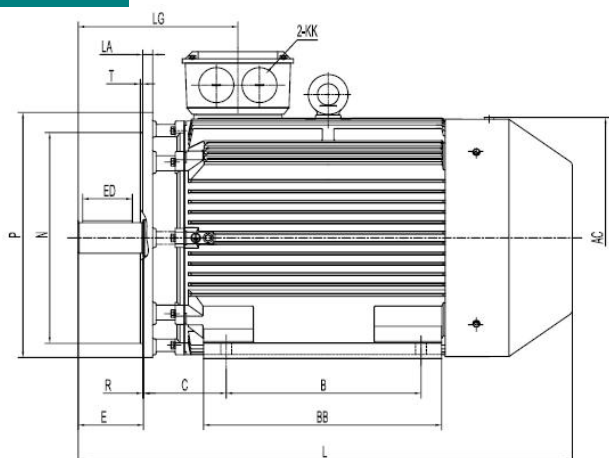
YE2-160-200



YE2-225-280



YE2-315-355



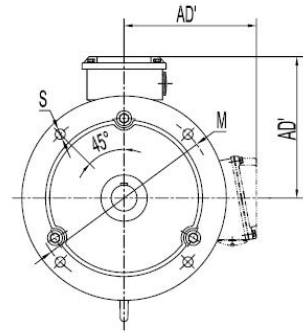
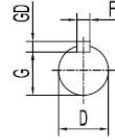
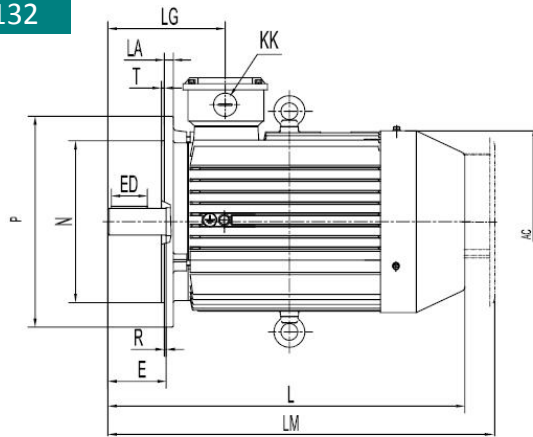
Frame	A	AA	AB	AC	AD'	B	BB	C	D	E	ED	F	G	GD	H	HA	HD	K	L	LA	LG	M	N	P	S	T	KK
80	125	34	160	180	160	100	142	50	19	40	22	6	15.5	6	80	10	240	10	305	14	112	165	130	200	12	3.5	M25X1.5
90S	140	36	180	210	170	100	180	56	24	50	32	8	20	7	90	13	260	10	340	12	132	165	130	200	12	3.5	M25X1.5
90L	140	36	180	210	170	125	210	56	24	50	32	8	20	7	90	13	260	10	365	12	132	165	130	200	12	3.5	M25X1.5
100L	160	40	200	220	185	140	233	63	28	60	40	8	24	7	100	14	285	12	403	14	153	215	180	250	15	4	M25X1.5
112M	190	45	230	236	205	140	252	70	28	60	40	8	24	7	112	14	315	12	410	12	144	215	180	250	15	4	M32X1.5
132S	216	52	265	275	225	140	220	89	38	80	56	10	33	8	132	16	355	12	485	13	167	265	230	300	15	4	M32X1.5
132M	216	52	265	275	225	178	258	89	38	80	56	10	33	8	132	16	355	12	525	13	167	265	230	300	15	4	M32X1.5
160M	254	65	320	330	265	210	325	108	42	110	80	12	37	8	160	19	425	15	665	15	268	300	250	350	19	5	M40X1.5
160L	254	65	320	330	265	254	325	108	42	110	80	12	37	8	160	19	425	15	665	15	268	300	250	350	19	5	M40X1.5
180M	279	70	350	380	285	241	335	121	48	110	80	14	42.5	9	180	22	465	15	730	15	277	300	250	350	19	5	M40X1.5
180L	279	70	350	380	285	279	335	121	48	110	80	14	42.5	9	180	22	465	15	730	15	277	300	250	350	19	5	M40X1.5
200L	318	80	390	420	310	305	355	133	55	110	80	16	49	10	200	25	510	19	780	17	298	350	300	400	19	5	M50X1.5
225S(4-6P)	356	75	435	465	335	286	350	149	60	140	100	18	53	11	225	28	560	19	840	19	338	400	350	450	19	5	M50X1.5
225M(2P)	356	75	435	465	335	311	375	149	55	110	80	16	49	10	225	28	560	19	865	19	338	400	350	450	19	5	M50X1.5
225M(4-6P)	356	75	435	465	335	311	375	149	60	140	100	18	53	11	225	28	560	19	865	19	338	400	350	450	19	5	M50X1.5
250M(2P)	406	100	485	520	385	349	450	168	60	140	100	18	53	11	250	33	635	24	945	20	360	500	450	550	19	5	M63X1.5
250M(4-6P)	406	100	485	520	385	349	450	168	65	140	100	18	58	11	250	33	635	24	945	20	360	500	450	550	19	5	M63X1.5
280S(2P)	457	105	550	570	415	368	490	190	65	140	100	18	58	11	280	35	695	24	990	22	344	500	450	550	19	5	M63X1.5
280S(4-6P)	457	105	550	570	415	368	490	190	75	140	100	20	67.5	12	280	35	695	24	990	22	344	500	450	550	19	5	M63X1.5
280M(2P)	457	105	550	570	415	419	540	190	65	140	100	18	58	11	280	35	695	24	1045	22	344	500	450	550	19	5	M63X1.5
280M(4-6P)	457	105	550	570	415	419	540	190	75	140	100	20	67.5	12	280	35	695	24	1045	22	344	500	450	550	19	5	M63X1.5
315S(2P)	508	125	630	650	490	406	515	216	65	140	100	18	58	11	315	45	805	28	1185	24	417	600	550	660	24	6	M63X1.5
315M(2P)	508	125	630	650	490	457	625	216	65	140	100	18	58	11	315	45	805	28	1295	24	417	600	550	660	24	6	M63X1.5
315L(2P)	508	125	630	650	490	508	625	216	65	140	100	18	58	11	315	45	805	28	1295	24	417	600	550	660	24	6	M63X1.5
315S(4-6P)	508	125	630	650	490	406	515	216	80	170	130	22	71	14	315	45	805	28	1215	24	417	600	550	660	24	6	M63X1.5
315M(4-6P)	508	125	630	650	490	457	625	216	80	170	130	22	71	14	315	45	805	28	1325	24	417	600	550	660	24	6	M63X1.5
315L(4-6P)	508	125	630	650	490	508	625	216	80	170	130	22	71	14	315	45	805	28	1325	24	417	600	550	660	24	6	M63X1.5
355M(2P)	610	125	735	735	645	560	850	254	75	140	110	20	67.5	12	355	49	1000	28	1600	25	420	740	680	800	24	6	M63X1.5
355L1(2P)	610	125	735	735	645	630	850	254	75	140	110	20	67.5	12	355	49	1000	28	1600	25	420	740	680	800	24	6	M63X1.5
355L1(2P)	630	135	760	800	770	800	1140	224	80	170	130	22	71	14	355	52	1000	35	1870	25	472	840	780	900	24	6	M63X1.5
355M(4-6P)	610	125	735	735	645	560	850	254	95	170	140	25	86	14	355	49	1000	28	1630	25	450	740	680	800	24	6	M63X1.5
355L1(4-6P)	610	125	735	735	645	630	850	254	95	170	140	25	86	14	355	49	1000	28	1630	25	450	740	680	800	24	6	M63X1.5
355L2,3(4-6P)	630	135	760	800	770	800	1140	224	110	210	180	28	100	16	355	50	1000	35	1945	25	512	840	780	900	24	6	M63X1.5

Note: R=0

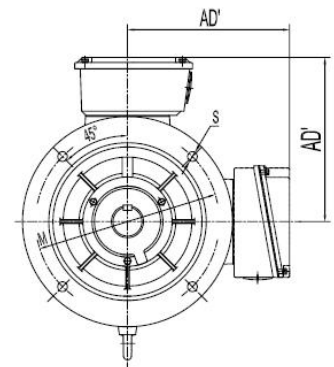
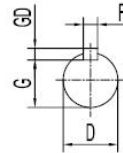
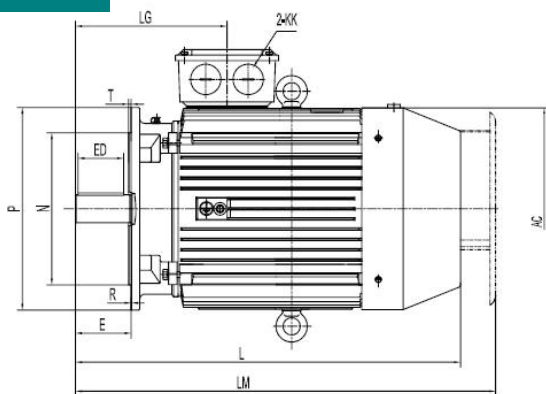
B5&V1 外形及安装尺寸图

DIMENSIONS MOUNT B5&V1

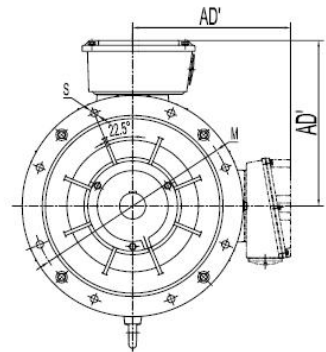
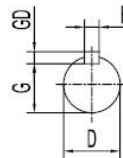
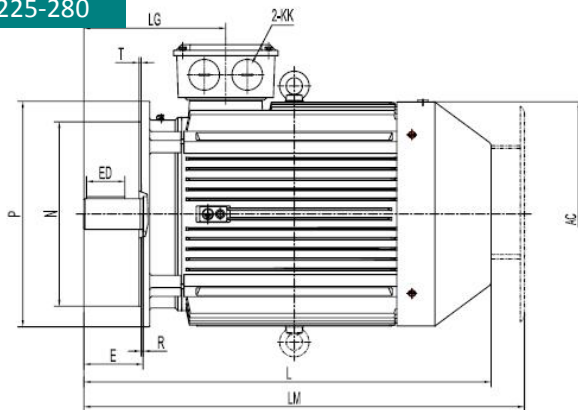
YE2-80-132



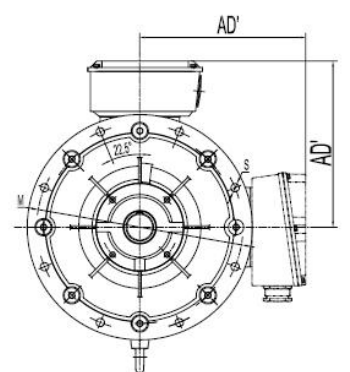
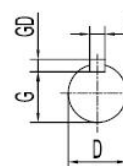
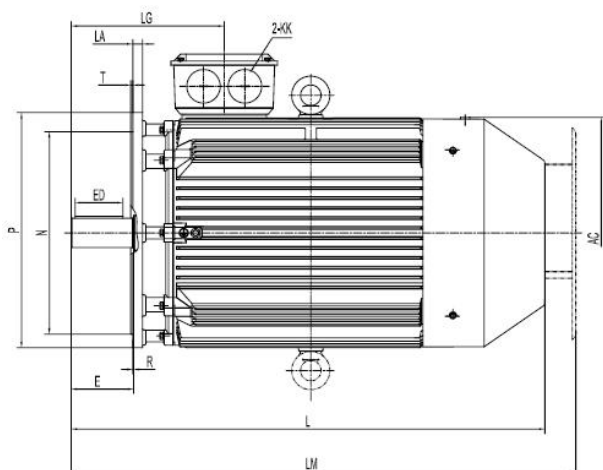
YE2-160-200



YE2-225-280



YE2-315-355



Frame	AC	AD'	D	E	ED	F	G	GD	L	LA	LG	LM	M	N	P	S	T	KK
80	180	160	19	40	22	6	15.5	6	305	14	112	345	165	130	200	12	3.5	M25X1.5
90S	210	170	24	50	32	8	20	7	340	12	132	380	165	130	200	12	3.5	M25X1.5
90L	210	170	24	50	32	8	20	7	365	12	132	405	165	130	200	12	3.5	M25X1.5
100L	220	185	28	60	40	8	24	7	403	14	153	450	215	180	250	14.5	4	M25X1.5
112M	240	205	28	60	40	8	24	7	410	12	144	460	215	180	250	14.5	4	M32X1.5
132S	275	225	38	80	56	10	33	8	485	13	167	535	265	230	300	14.5	4	M32X1.5
132M	275	225	38	80	56	10	33	8	525	13	167	575	265	230	300	14.5	4	M32X1.5
160M	330	265	42	110	80	12	37	8	665	15	268	720	300	250	350	18.5	5	M40X1.5
160L	330	265	42	110	80	12	37	8	665	15	268	720	300	250	350	18.5	5	M40X1.5
180M	380	285	48	110	80	14	42.5	9	730	15	277	785	300	250	350	18.5	5	M40X1.5
180L	380	285	48	110	80	14	42.5	9	730	15	277	785	300	250	350	18.5	5	M40X1.5
200L	420	310	55	110	90	16	49	10	790	17	298	860	350	300	400	18.5	5	M50X1.5
225S(4-6P)	465	335	60	140	100	18	53	11	840	19	338	910	400	350	450	18.5	5	M50X1.5
225M(2P)	465	335	55	110	80	16	49	10	865	19	338	935	400	350	450	18.5	5	M50X1.5
225M(4-6P)	465	335	60	140	100	18	53	11	865	19	338	935	400	350	450	18.5	5	M50X1.5
250M(2P)	520	385	60	140	100	18	53	11	945	20	360	1025	500	450	550	18.5	5	M63X1.5
250M(4-6P)	520	385	65	140	100	18	58	11	945	20	360	1025	500	450	550	18.5	5	M63X1.5
280S(2P)	570	415	65	140	100	18	58	11	990	22	344	1080	500	450	550	18.5	5	M63X1.5
280S(4-6P)	570	415	75	140	100	20	67.5	12	990	22	344	1080	500	450	550	18.5	5	M63X1.5
280M(2P)	570	415	65	140	100	18	58	11	1045	22	344	1125	500	450	550	18.5	5	M63X1.5
280M(4-6P)	570	415	75	140	100	20	67.5	12	1045	22	344	1125	500	450	550	18.5	5	M63X1.5
315S(2P)	650	490	65	140	100	18	58	11	1185	24	417	1285	600	550	660	24	6	M63X1.5
315M(2P)	650	490	65	140	100	18	58	11	1295	24	417	1395	600	550	660	24	6	M63X1.5
315L(2P)	650	490	65	140	100	18	58	11	1295	24	417	1395	600	550	660	24	6	M63X1.5
315S(4-6P)	650	490	80	170	130	22	71	14	1215	24	417	1315	600	550	660	24	6	M63X1.5
315M(4-6P)	650	490	80	170	130	22	71	14	1325	24	417	1425	600	550	660	24	6	M63X1.5
315L(4-6P)	650	490	80	170	130	22	71	14	1325	24	417	1425	600	550	660	24	6	M63X1.5
355M(2P)V1	735	645	75	140	110	20	67.5	12	1600	25	420	1700	740	680	800	24	6	M63X1.5
355L1(2P)V1	735	645	75	140	110	20	67.5	12	1600	25	420	1700	740	680	800	24	6	M63X1.5
355L2,3(2P)V1	800	770	80	170	130	22	71	14	1870	25	472	1970	840	780	900	24	6	M63X1.5
355M(4-6P)V1	735	645	95	170	140	25	86	14	1630	25	450	1730	740	680	800	24	6	M63X1.5
355L1(4-6P)V1	735	645	95	170	140	25	86	14	1630	25	450	1730	740	680	800	24	6	M63X1.5
355L2,3(4-6P)V1	800	770	110	210	180	28	100	16	1940	25	512	2040	840	780	900	24	6	M63X1.5

YVF2 系列变频调速三相异步电动机

YVF2 Series Converter-Fed Three- Phase Induction Motor



详细说明

执行标准: JB/T 7118
中心高: H90-355mm
额定输出功率: 0.75kW-315kW
电压和频率: 380V/50Hz
恒转矩运行范围: 5-50Hz
恒功率运行范围: 50-100Hz
防护等级: IP55
绝缘/温升等级: F/B
安装形式: B3、B5、B35、V1
环境温度: -15℃到+40℃
相对湿度≤90%
海拔≤1000 米
冷却方式: IC416、IC41

SPECIFICATION

Standard: JB/T 7118
Frame Size: H90-355mm
Rated Power: 0.75Kw-315kW
Voltage and Frequency: 380V / 50Hz
Running Zone for Constant Torque: 5-50Hz
Running Zone for Constant Power: 50-100Hz
Degrees of Protections: IP55
Degrees of Insulation/Temperature Rise: F/B
Installation Methods: B3 / B5 / B35 / V1
Ambient Temperature: -15℃~+40℃
Relative humidity should be less than 90%.
Altitude should be lower than 1000m above sea level.
Cooling Method: IC416, IC411

产品介绍

YVF2 系列变频调速三相异步电动机采用鼠笼型转子结构, 运行可靠, 维护方便。电机装有独立轴流风机, 保证电动机在不同转速下均有较好的冷却效果。YVF2 系列变频调速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。配合高精度传感器, 可实现高精度闭环控制。YVF2 系列电动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。

PRODUCTION INTRODUCTION

YVF2 series motors use squirrel-cage construction for reliable operation and easy maintenance. This series motors have a good cooling effect at any speed with separated axial-flow ventilator. This series motors can save energy and can be automatic controlled, driven by variable frequency inverters. If fitted with highly accurate sensors, this series motors can achieve highly accurate operation of closed loop. YVF2 series motors are suitable for various operation systems by which speed-regulation is needed, so they have wide applications in many industries, such as light industry, textile, chemistry, crane, machine tool and so on.

2 极-同步转速 3000r/min 2-pole, 3000r/min synchronous speed

电机型号 Motor Type	额定功率 kW Rated Power kW	额定转速 r/min Rated Speed r/min	额定电流 A Rated Current	额定转矩 Nm Rated Torque Nm	最大转矩 额定转矩	重量 Weight (kg) IC416 IC411	
					Tmax Tn		
YVF2-80M1-2	0.75	2855	1.9	2.5	2.3	19	17
YVF2-80M2-2	1.1	2855	2.7	3.7	2.3	21	19
YVF2-90S-2	1.5	2875	3.5	5.0	2.3	22	20
YVF2-90L-2	2.2	2875	4.9	7.3	2.3	27	25
YVF2-100L-2	3	2880	6.4	9.9	2.3	37	35
YVF2-112M-2	4	2900	8.3	13.2	2.3	44	40
YVF2-132S1-2	5.5	2900	11.2	18	2.3	69	60
YVF2-132S2-2	7.5	2900	14.9	25	2.3	74	65
YVF2-160M1-2	11	2940	21.4	36	2.3	122	110
YVF2-160M2-2	15	2940	28.9	49	2.3	132	120
YVF2-160L-2	18.5	2940	35.4	60	2.3	155	135
YVF2-180M-2	22	2955	41.8	71	2.3	190	170
YVF2-200L1-2	30	2965	56.5	97	2.3	255	230
YVF2-200L2-2	37	2965	69.3	119	2.3	270	240
YVF2-225M-2	45	2970	83.8	145	2.3	330	300
YVF2-250M-2	55	2975	101.9	177	2.3	430	400
YVF2-280S-2	75	2975	138.1	241	2.3	555	520
YVF2-280M-2	90	2975	165.2	289	2.3	610	575
YVF2-315S-2	110	2980	199	353	2.2	930	890
YVF2-315M-2	132	2980	238.3	423	2.2	1010	970
YVF2-315L1-2	160	2980	284.8	513	2.2	1110	1070
YVF2-315L2-2	200	2980	355.2	641	2.2	1170	1130
YVF2-355M-2	250	2980	444.1	801	2.2	1660	1620
YVF2-355L-2	315	2980	559.5	1010	2.2	1870	1830

4 极-同步转速 1500r/min 4-pole, 1500r/min synchronous speed

电机型号	额定功率 kW	额定转速 r/min	额定电流 A	额定转矩 Nm	最大转矩	重量 Weight (kg)	
					额定转矩		
					Tmax	IC416	IC411
Motor Type	Rated Power kW	Rated Speed r/min	Rated Current	Rated Torque Nm	Tn		
YVF2-80M1-4	0.55	1400	1.6	3.8	2.3	16	14
YVF2-80M2-4	0.75	1400	2.1	5.1	2.3	18	16
YVF2-90S-4	1.1	1425	2.9	7.4	2.3	20	18
YVF2-90L-4	1.5	1425	3.8	10.1	2.3	28	26
YVF2-100L1-4	2.2	1440	5.2	14.6	2.3	37	35
YVF2-100L2-4	3	1440	6.9	19.9	2.3	42	40
YVF2-112M-4	4	1450	9.0	26.3	2.3	49	45
YVF2-132S-4	5.5	1455	12.0	36	2.3	74	65
YVF2-132M-4	7.5	1455	16.0	49	2.3	84	75
YVF2-160M-4	11	1465	23.0	72	2.3	127	115
YVF2-160L-4	15	1465	30.6	98	2.3	142	130
YVF2-180M-4	18.5	1470	37.0	120	2.3	195	175
YVF2-180L-4	22	1475	43.7	142	2.3	220	200
YVF2-200L-4	30	1475	59.1	194	2.3	275	250
YVF2-225S-4	37	1480	71.7	239	2.3	325	295
YVF2-225M-4	45	1480	86.7	290	2.3	355	325
YVF2-250M-4	55	1480	105.5	355	2.3	450	420
YVF2-280S-4	75	1485	141.3	482	2.3	570	535
YVF2-280M-4	90	1485	167.1	579	2.3	650	615
YVF2-315S-4	110	1485	201.3	707	2.2	890	850
YVF2-315M-4	132	1485	241.0	849	2.2	980	940
YVF2-315L1-4	160	1485	288.0	1029	2.2	1060	1020
YVF2-315L2-4	200	1485	359.2	1286	2.2	1200	1160
YVF2-355M-4	250	1490	449.0	1602	2.2	1700	1660
YVF2-355L-4	315	1490	565.7	2019	2.2	1900	1860

6 极-同步转速 1000r/min 6-pole, 1000r/min synchronous speed

电机型号	额定功率 kW	额定转速 r/min	额定电流 A	额定转矩 Nm	最大转矩	重量 Weight (kg)	
					额定转矩		
Motor Type	Rated Power kW	Rated Speed r/min	Rated Current	Rated Torque Nm	Tmax	IC416	IC411
					Tn		
YVF2-90S-6	0.75	935	2.3	7.7	2.1	23	21
YVF2-90L-6	1.1	940	3.2	11.2	2.1	26	24
YVF2-100L-6	1.5	945	4.2	15.2	2.1	37	35
YVF2-112M-6	2.2	950	6.0	22.1	2.1	42	40
YVF2-132S-6	3	960	7.9	30	2.1	60	56
YVF2-132M1-6	4	960	10.1	40	2.1	75	66
YVF2-132M2-6	5.5	960	13.4	55	2.1	85	76
YVF2-160M-6	7.5	970	17.2	74	2.1	122	110
YVF2-160L-6	11	970	24.5	108	2.1	146	134
YVF2-180L-6	15	975	31.7	147	2.1	196	176
YVF2-200L1-6	18.5	975	39.7	181	2.1	248	223
YVF2-200L2-6	22	975	46.3	216	2.1	264	234
YVF2-225M-6	30	985	61.6	291	2.1	315	285
YVF2-250M-6	37	985	74.6	359	2.1	410	380
YVF2-280S-6	45	985	88.0	436	2	495	460
YVF2-280M-6	55	985	105.7	533	2	545	510
YVF2-315S-6	75	990	146.5	724	2	800	760
YVF2-315M-6	90	990	173.2	868	2	960	920
YVF2-315L1-6	110	990	210.7	1061	2	1050	1010
YVF2-315L2-6	132	990	249.4	1273	2	1150	1110
YVF2-355M1-6	160	990	301.4	1543	2	1600	1560
YVF2-355M2-6	200	990	375.9	1929	2	1720	1680
YVF2-355L-6	250	990	469.9	2412	2	1850	1810

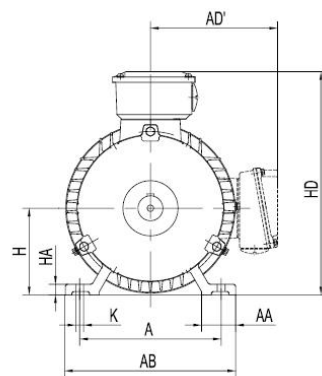
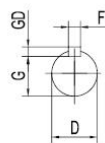
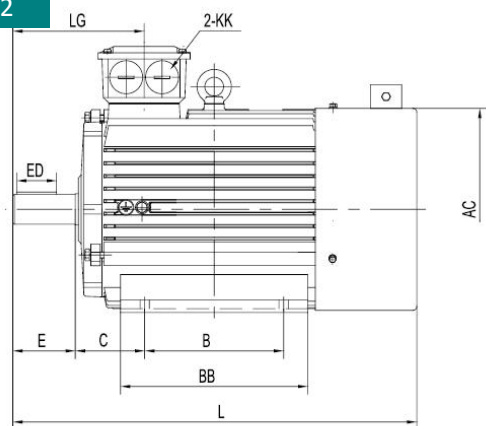
8 极-同步转速 750r/min 8-pole, 750r/min synchronous speed

Motor Type	Rated Power kW	Rated Speed r/min	Rated Current	Rated Torque Nm	Tmax	IC416	IC411
					Tn		
YVF2-100L1-8	0.75	690	2.4	10.4	2.2	30	28
YVF2-100L2-8	1.1	690	3.4	15.2	2.4	35	33
YVF2-112M-8	1.5	690	4.4	20.8	2.6	49	45
YVF2-132S-8	2.2	710	6.0	30	2.5	60	51
YVF2-132M-8	3	710	7.8	40	2.4	70	61
YVF2-160M1-8	4	720	10.3	53	2.5	101	89
YVF2-160M2-8	5.5	720	13.6	73	2.4	119	107
YVF2-160L-8	7.5	720	17.8	100	2.3	132	120
YVF2-180L-8	11	730	25.5	144	2.5	178	158
YVF2-200L-8	15	730	34.1	196	2.4	253	228
YVF2-225S-8	18.5	730	41.1	242	2.6	288	258
YVF2-225M-8	22	740	47.4	284	2.4	312	282
YVF2-250M-8	30	740	63.4	387	2.5	397	367
YVF2-280S-8	37	740	77.8	478	2.7	503	468
YVF2-280M-8	45	740	94.1	581	2.8	550	515
YVF2-315S-8	55	740	111.2	710	2.5	792	752
YVF2-315M-8	75	740	150.5	968	2.8	910	870
YVF2-315L1-8	90	740	177.8	1162	2.9	1016	976
YVF2-315L2-8	110	740	216.8	1420	2.8	1136	1096
YVF2-355M1-8	132	740	261.0	1704	2.22	1596	1556
YVF2-355M2-8	160	740	314.7	2066	2.3	1744	1704
YVF2-355L-8	200	740	387.4	2582	2.33	2029	1989

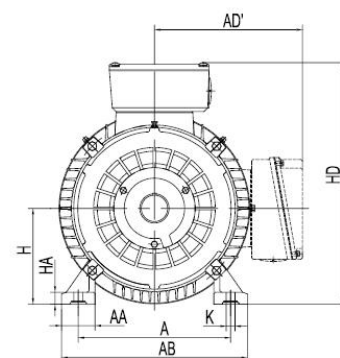
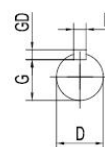
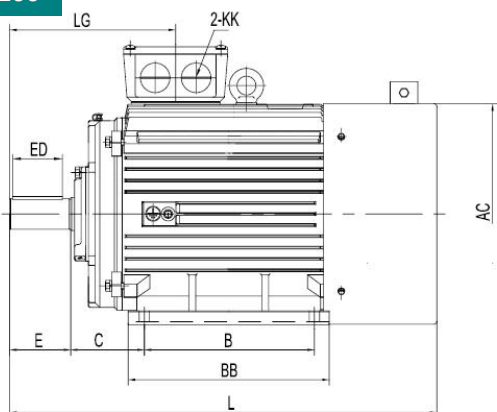
B3 外形及安装尺寸图

DIMENSIONS MOUNT B3

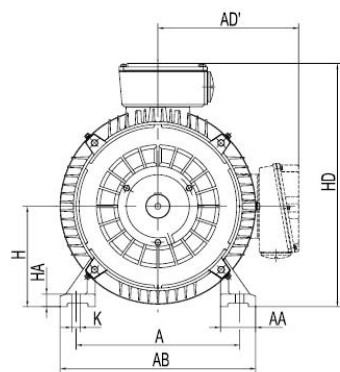
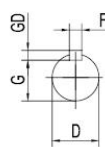
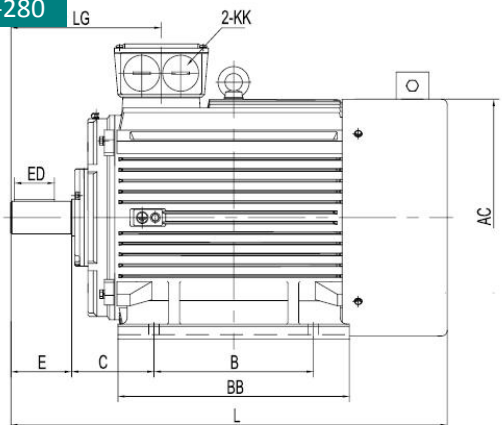
YVF2-90-132



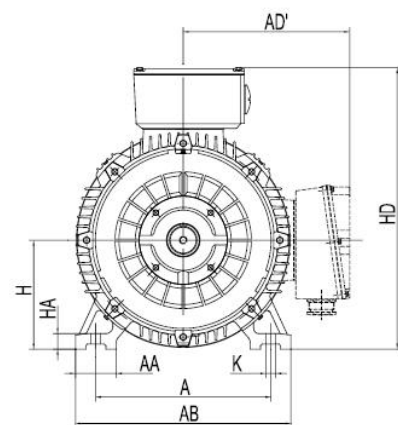
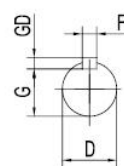
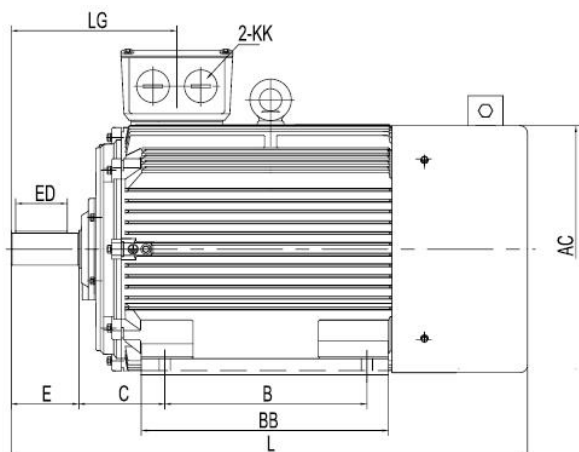
YVF2-160-200



YVF2-225-280



YVF2-315-355



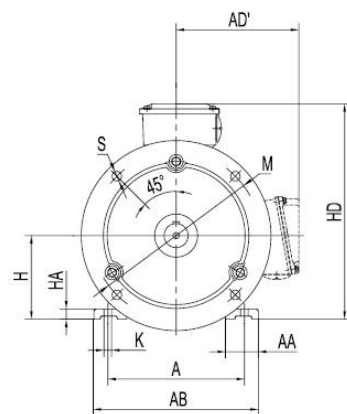
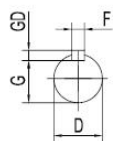
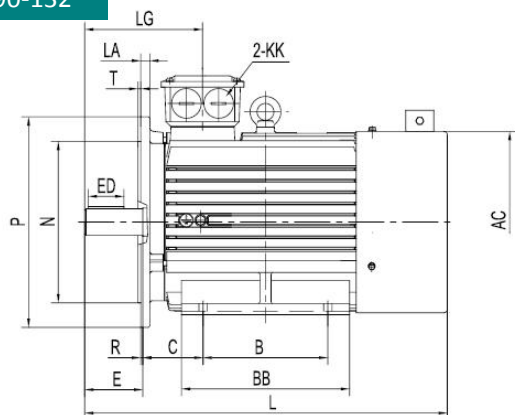
(4-8P)

Frame	A	AA	AB	AC	AD ¹	B	BB	C	D	E	ED	F	G	GD	H	HA	HD	K	KK	L	LG
90S	140	36	180	190	165	100	135	56	24	50	32	8	20	7	90	12.5	260	10	M25X1.5	390	124
90L	140	36	180	190	165	125	160	56	24	50	32	8	20	7	90	12.5	260	10	M25X1.5	415	124
100L	160	40	200	215	170	140	182	63	28	60	40	8	24	7	100	14	275	12	M25X1.5	455	140
112M	190	45	230	236	195	140	195	70	28	60	40	8	24	7	112	14	310	12	M32X1.5	475	145
132S	216	52	265	275	215	140	205	89	38	80	56	10	33	8	132	16	350	12	M32X1.5	535	169
132M	216	52	265	275	215	178	245	89	38	80	56	10	33	8	132	16	350	12	M32X1.5	575	169
160M	254	65	320	330	265	210	260	108	42	110	80	12	37	8	160	19	425	14.5	M40X1.5	660	270
160L	254	65	320	330	265	254	305	108	42	110	80	12	37	8	160	19	425	14.5	M40X1.5	705	270
180M	279	70	350	380	280	241	285	121	48	110	80	14	42.5	9	180	22	440	14.5	M40X1.5	725	277
180L	279	70	350	380	280	279	325	121	48	110	80	14	42.5	9	180	22	440	14.5	M40X1.5	765	277
200L	318	80	390	420	315	305	355	133	55	110	80	16	49	10	200	25	505	18.5	M50X1.5	830	298
225S	356	75	435	465	335	286	350	149	60	140	100	18	53	11	225	28	550	18.5	M50X1.5	895	340
225M	356	75	435	465	335	311	375	149	60	140	100	18	53	11	225	28	550	18.5	M50X1.5	920	340
250M	406	100	485	520	370	349	450	168	65	140	100	18	58	11	250	33	635	24	M63X1.5	1025	357
280S	457	105	550	570	400	368	490	190	75	140	100	20	67.5	12	280	35	695	24	M63X1.5	1115	350
280M	457	105	550	570	400	419	540	190	75	140	100	20	67.5	12	280	35	695	24	M63X1.5	1165	350
315S	508	125	630	650	495	406	515	216	80	170	130	22	71	14	315	45	810	28	M63X1.5	1300	417
315M	508	125	630	650	495	457	625	216	80	170	130	22	71	14	315	45	810	28	M63X1.5	1410	417
315L	508	125	630	650	495	508	625	216	80	170	130	22	71	14	315	45	810	28	M63X1.5	1410	417
355M	610	125	735	735	640	560	850	254	95	170	140	25	86	14	355	49	1000	28	M63X1.5	1755	450
355L	610	125	735	735	640	630	850	254	95	170	140	25	86	14	355	49	1000	28	M63X1.5	1755	450

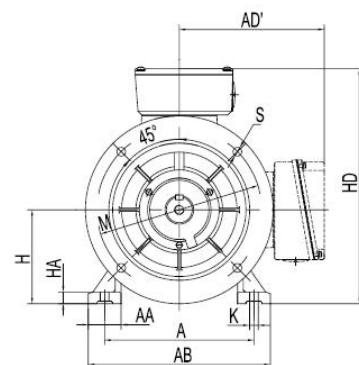
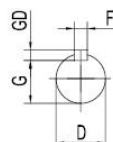
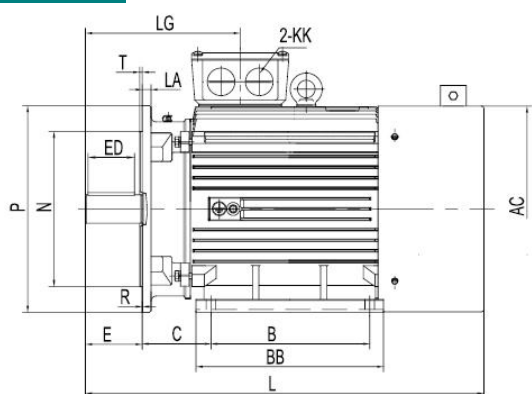
B35 外形及安装尺寸图

DIMENSIONS MOUNT B35

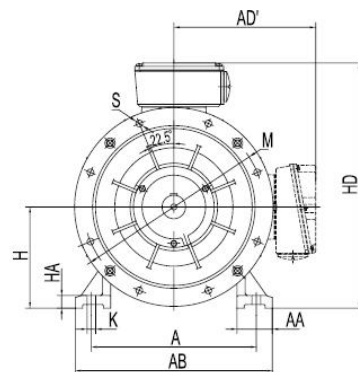
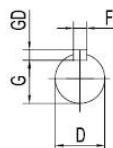
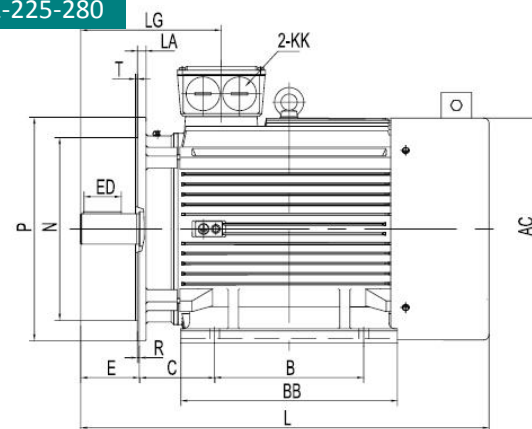
YVF2-90-132



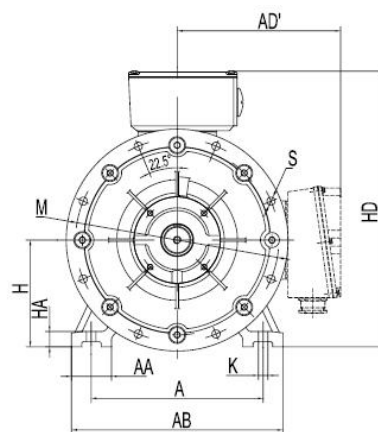
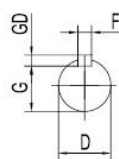
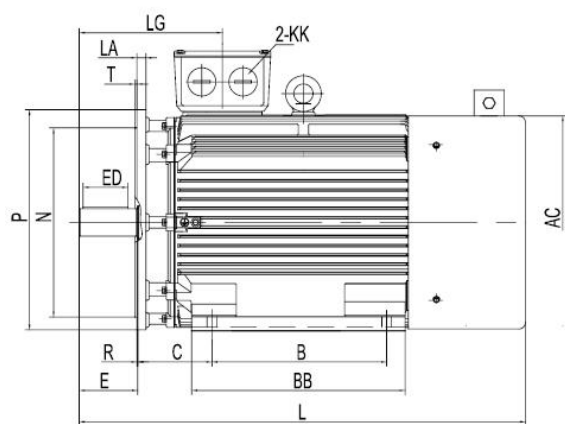
YVF2-160-200



YVF2-225-280



YVF2-315-355



(4-8P)

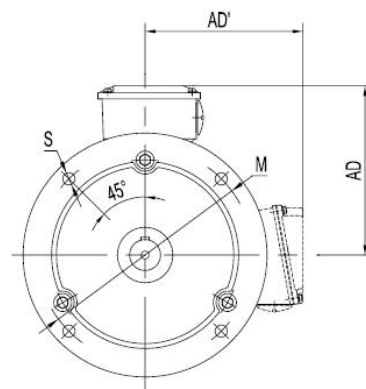
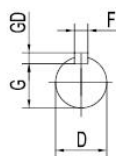
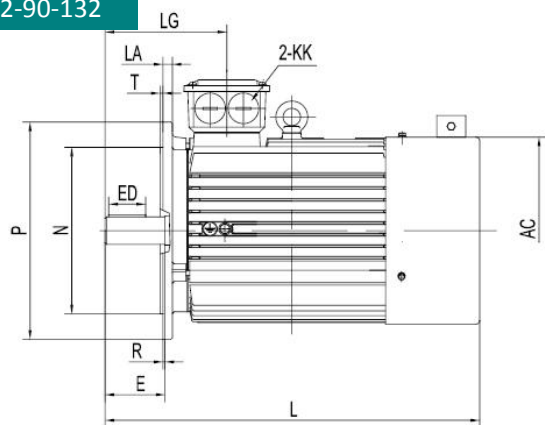
Frame	A	AA	AB	AC	AD'	B	BB	C	D	E	ED	F	G	GD	H	HA	HD	K	KK	L	LG	LA	M	N	P	S	T
90S	140	36	180	190	165	100	135	56	24	50	32	8	20	7	90	12.5	260	10	M25X1.5	390	124	12	165	130	200	12	3.5
90L	140	36	180	190	165	125	160	56	24	50	32	8	20	7	90	12.5	260	10	M25X1.5	415	124	12	165	130	200	12	3.5
100L	160	40	200	215	170	140	182	63	28	60	40	8	24	7	100	14	275	12	M25X1.5	455	140	14	215	180	250	14.5	4
112M	190	45	230	236	195	140	195	70	28	60	40	8	24	7	112	14	310	12	M32X1.5	475	145	14	215	180	250	14.5	4
132S	216	52	265	275	215	140	205	89	38	80	56	10	33	8	132	16	350	12	M32X1.5	535	169	14	265	230	300	14.5	4
132M	216	52	265	275	215	178	245	89	38	80	56	10	33	8	132	16	350	12	M32X1.5	575	169	14	265	230	300	14.5	4
160M	254	65	320	330	265	210	260	108	42	110	80	12	37	8	160	19	425	14.5	M40X1.5	660	270	15	300	250	350	18.5	5
160L	254	65	320	330	265	254	305	108	42	110	80	12	37	8	160	19	425	14.5	M40X1.5	705	270	15	300	250	350	18.5	5
180M	279	70	350	380	280	241	285	121	48	110	80	14	42.5	9	180	22	440	14.5	M40X1.5	725	277	15	300	250	350	18.5	5
180L	279	70	350	380	280	279	325	121	48	110	80	14	42.5	9	180	22	440	14.5	M40X1.5	765	277	15	300	250	350	18.5	5
200L	318	80	395	420	315	305	355	133	55	110	80	16	49	10	200	25	505	18.5	M50X1.5	830	298	17	350	300	400	18.5	5
225S	356	75	436	465	335	286	350	149	60	140	100	18	53	11	225	28	550	18.5	M50X1.5	895	340	20	400	350	450	18.5	5
225M	356	75	436	465	335	311	375	149	60	140	100	18	53	11	225	28	550	18.5	M50X1.5	920	340	20	400	350	450	18.5	5
250M	406	100	495	520	370	349	450	168	65	140	100	18	58	11	250	33	635	24	M63X1.5	1025	357	20	500	450	550	18.5	5
280S	457	105	550	570	400	368	490	190	75	140	100	20	67.5	12	280	35	695	24	M63X1.5	1115	350	22	500	450	550	18.5	5
280M	457	103	550	570	400	419	540	190	75	140	100	20	67.5	12	280	35	695	24	M63X1.5	1165	350	22	500	450	550	18.5	5
315S	508	125	630	650	495	406	515	216	80	170	130	22	71	14	315	45	810	28	M63X1.5	1300	417	24	600	550	660	24	6
315M	508	125	630	650	495	457	625	216	80	170	130	22	71	14	315	45	810	28	M63X1.5	1410	417	24	600	550	660	24	6
315L	508	125	630	650	495	508	625	216	80	170	130	22	71	14	315	45	810	28	M63X1.5	1410	417	24	600	550	660	24	6
355M	610	125	735	735	640	560	850	254	95	170	140	25	86	14	355	49	1000	28	M63X1.5	1755	450	25	740	680	800	24	6
355L	610	125	735	735	640	630	850	254	95	170	140	25	86	14	355	49	1000	28	M63X1.5	1755	450	25	740	680	800	24	6

Note: R=0

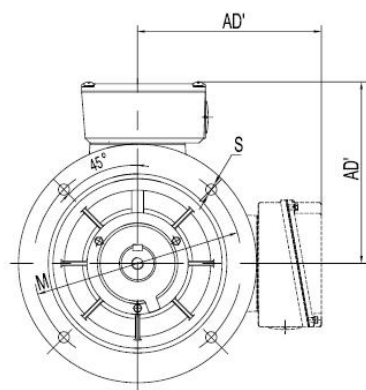
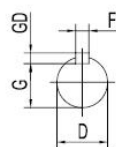
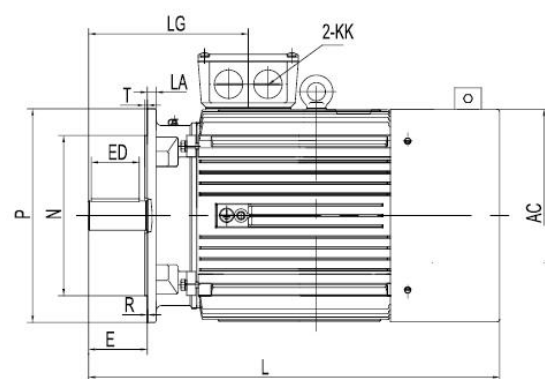
B5&V1 外形及安装尺寸图

DIMENSIONS MOUNT B5&V1

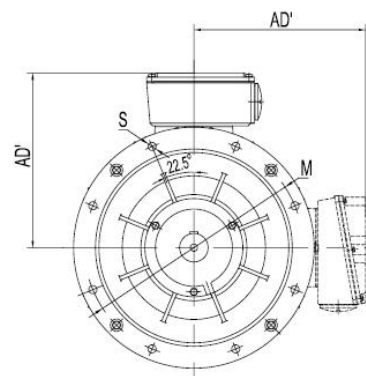
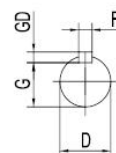
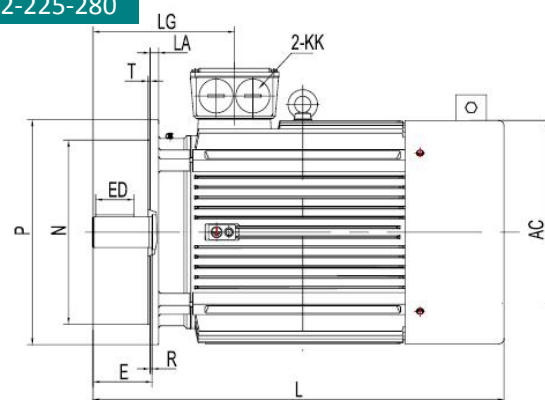
YVF2-90-132



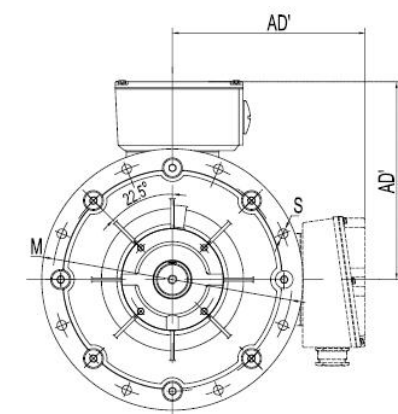
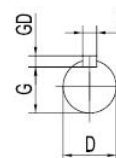
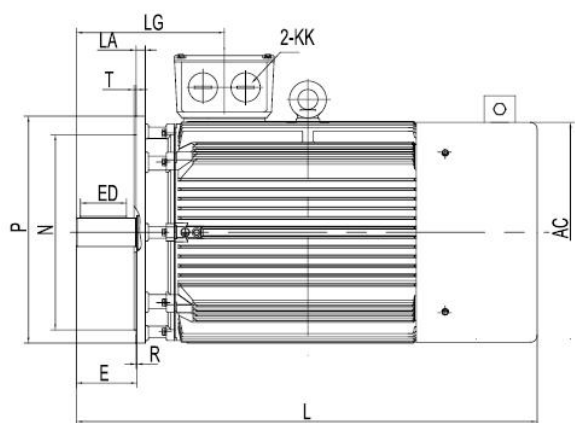
YVF2-160-200



YVF2-225-280



YVF2-315-355



Frame	AC	AD'	D	E	ED	F	G	GD	KK	L	LA	LG	M	N	P	S	T
90S	190	165	24	50	32	8	20	7	M25X1.5	390	12	124	165	130	200	12	3.5
90L	190	165	24	50	32	8	20	7	M25X1.5	415	12	124	165	130	200	12	3.5
100L	215	170	28	60	40	8	24	7	M25X1.5	455	14	140	215	180	250	14.5	4
112M	236	195	28	60	40	8	24	7	M32X1.5	475	14	145	215	180	250	14.5	4
132S	275	215	38	80	56	10	33	8	M32X1.5	535	14	169	265	230	300	14.5	4
132M	275	215	38	80	56	10	33	8	M32X1.5	575	14	169	265	230	300	14.5	4
160M	330	265	42	110	80	12	37	8	M40X1.5	660	15	270	300	250	350	18.5	5
160L	330	265	42	110	80	12	37	8	M40X1.5	705	15	270	300	250	350	18.5	5
180M	380	280	48	110	80	14	42.5	9	M40X1.5	725	15	277	300	250	350	18.5	5
180L	380	280	48	110	80	14	42.5	9	M40X1.5	765	15	277	300	250	350	18.5	5
200L	420	315	55	110	80	16	49	10	M50X1.5	830	17	298	350	300	400	18.5	5
225S	465	335	60	140	100	18	53	11	M50X1.5	895	20	340	400	350	450	18.5	5
225M	465	335	60	140	100	18	53	11	M50X1.5	920	20	340	400	350	450	18.5	5
250M	520	370	65	140	100	18	58	11	M63X1.5	1025	20	357	500	450	550	18.5	5
280S	570	400	75	140	100	20	67.5	12	M63X1.5	1115	22	350	500	450	550	18.5	5
280M	570	400	75	140	100	20	67.5	12	M63X1.5	1165	22	350	500	450	550	18.5	5
315S	650	495	80	170	130	22	71	14	M63X1.5	1300	24	417	600	550	660	24	6
315M	650	495	80	170	130	22	71	14	M63X1.5	1410	24	417	600	550	660	24	6
315L	650	495	80	170	130	22	71	14	M63X1.5	1410	24	417	600	550	660	24	6
355M V1	735	640	95	170	140	25	86	14	M63X1.5	-	25	450	740	680	800	24	6
355L V1	735	640	95	170	140	25	86	14	M63X1.5	-	25	450	740	680	800	24	6

Note: R=0

风机参数表

IC416配套风机参数 TECHNICAL DATA TABLE FOR VENTILATOR

机座号 Frame	型号 Type	功率 Kw	转速 r/min	全压 Pa	风机风量 m³/h	噪声 LW dB(A)
80	G80A	30	2300	70	330	62
90	G90A	42	2800	80	500	65
100	G100A	52	2800	82	660	67
112	G112A	60	2800	90	900	70
132	G132A	40	1400	50	780	70
160	G160A	120	1400	50	1300	70
180	G180A	120	1400	55	1300	70
200	G200A	370	1400	100	2400	70
225	G225A	370	1400	150	4200	74
250	G250A	370	1400	150	4200	77
280	G280A	450	1250	150	5000	77
315	G315A	450	1250	180	6200	85
355	G355A	650	1250	180	6500	88



产品介绍

YEJ 系列三相异步电动机是 SM 系列电动机的派生产品，该系列电机具有制动迅速，结构简单，性能稳定等特点。适用于各种要求快速停止、准确定位、往复运转、防止滑行的各种机械设备，如金属加工机床、包装机械、木工机械、食品机械、化工机械、纺织机械、建筑机械以及齿轮减速机等。

PRODUCTION INTRODUCTION

YEJ series motor is derived from SM series motor with fast braking, simple structure and high stability. It is widely used on mechanical equipment and driving machines where rapidly and accurate braking is demanded, such as lathe machine, packing machine, wood machine, food processing equipment, chemical engineering, textile machine, architectural machine, gear reducer and so.

详细说明

执行标准: JB/T 6456
中心高: H80-250mm
额定输出功率: 0.18-55kW
能效等级: 三级能效(GB18613), IE1(IEC60034)
电压和频率: 380V/50Hz
防护等级: 电动机 IP55; 制动器 IP23
绝缘/温升等级: F/B
安装形式: B3、B5、B35、V1
环境温度: -15℃到+40℃, 相对湿度≤90%
海拔≤1000 米
冷却方式: IC411
制动方式: 失电制动
性能指标及安装尺寸同 SM 系列电动机

SPECIFICATION

Standard: JB/T 6456
Frame Size: H80-250mm
Rated Power: 0.18kW-55kW
Degree of Energy Efficiency: Grade 3 (GB18613), IE1(IEC60034)
Voltage and Frequency: 380V / 50Hz
Degrees of protections: IP55(Motor), IP23(Brake)
Degrees of Insulation/ Temperature Rise: F/B
Installation Method: B3、B5、B35、V1
Ambient Temperature: -15℃ to +40℃, relative humidity should be less than 90%
Altitude should be lower than 1000m above sea level.
Cooling Method: IC411
Brake type: brake after power loss

■ 制动器性能参数

PERFORMANCE PARAMETERS

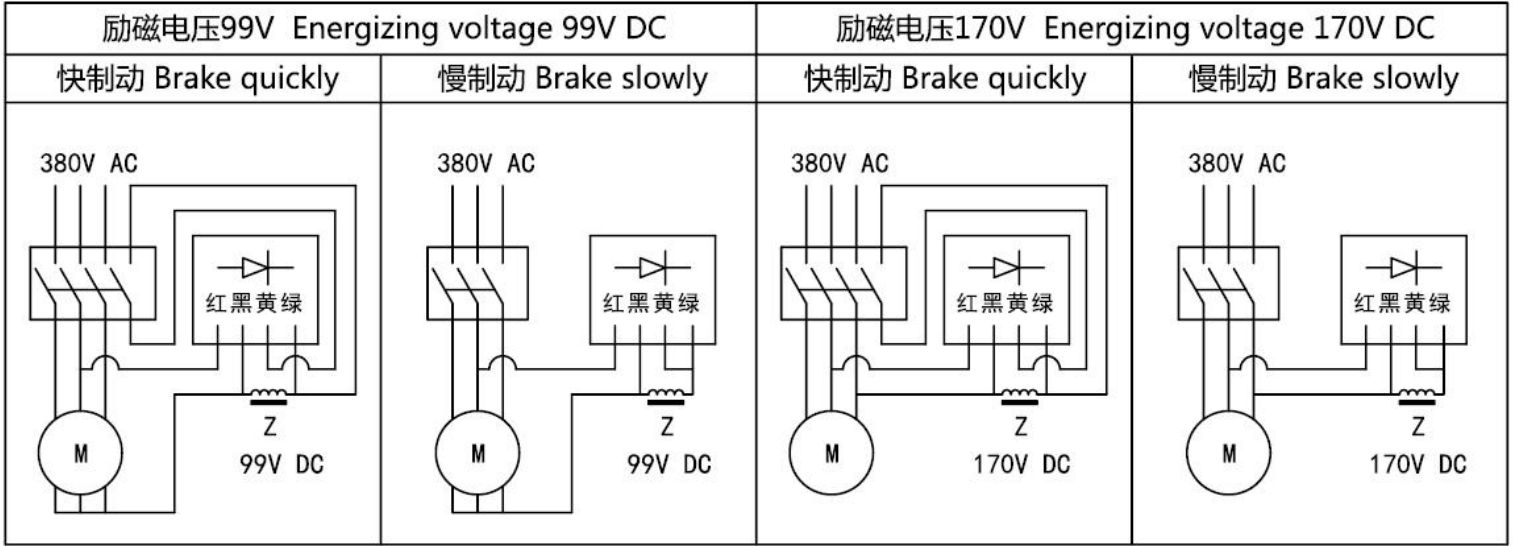
机座号 Frame No.	制动力矩 Braking Torque (Nm)	制动功率 Braking Power (W)	空载制动时间 No-Load Brake Lag Time (S)	励磁电压 Energizing Voltage(V)	工作气隙 Air Gap (mm)
80	7.5	40	0.2	99	0.3
90	15	50	0.2	99	0.3
100	30	60	0.2	99	0.4
112	40	80	0.25	170	0.4
132	80	110	0.25	170	0.5
160	150	130	0.35	170	0.5
180	200	150	0.35	170	0.6
200	300	150	0.45	170	0.6
225	450	200	0.45	170	0.6
250	600	200	0.7	170	0.8

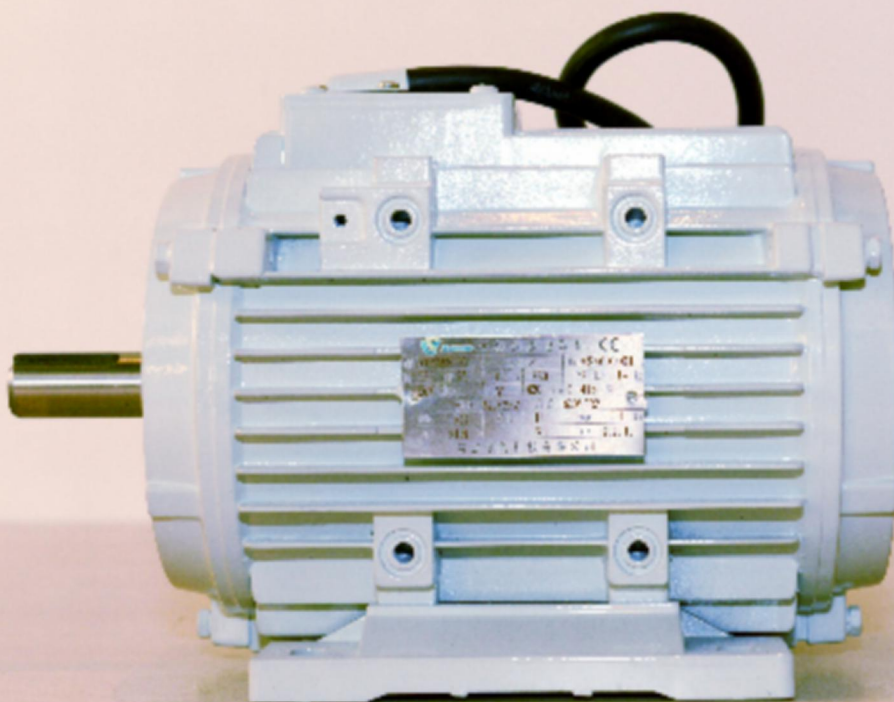
注：空载制动时间为直流侧切断制动器电源的制动时间。

Note: Brake lag time of the DC power supply cut off is no-load brake lag time.

■ 制动器接线图

CONNECTION





Qingdao Surene Technology Co., Ltd. is a technology-based enterprise integrating R&D, production, trade and service, and is committed to developing into a service provider that provides customers with comprehensive solutions in the field of motors. Self-owned factory, with more than 23 years of manufacturing experience, always adhere to "focus, professionalism, innovation", constantly pursue technological innovation, keep up with the pace of science and technology, and make progress together with customers.

In the field of animal husbandry fan motors, the company designs motors with different efficiencies from IE1 to IE4 to meet customer needs by understanding the needs of terminal breeding users on the spot and according to the requirements of different customers for air volume:

- Fan Motor for Chicken Series: Standard Motor and Frequency Conversion Motor. (Installation Method: B3, BS, B14, Power: 0.25kw~1.5kw)
- Fan Motor for Pig Series: Standard Motor, Converter-Fed Motor, High Negative Pressure Fan Motor. (Installation Method: B3, BS, B14, Power: 0.25kw~2.2kW)
- Permanent Magnet Motor Series (Inner and Outer Rotor) 0.37kW~2.2kW
- Fan Motor for Cowshed (0.25kw~0.4kw)

畜牧风机专用高效电机

High Efficiency Professional Fan Motor for
Animal Husbandry



特点Feature:

- ✓ 通过研究畜牧业的特殊应用环境, 专业为畜牧风机量身打造。

Analysis the special application environment of animal husbandry, and professional design for animal husbandry fans.

- ✓ 满足不同畜牧用户对风机电机的要求。

Meet the requirements of different animal husbandry users for fan and motor.

- ✓ 电机散热性、防水性极佳。

Effective cooling design and water resistance performance.



参数 Specification

电机型号	电压 V	频率 Hz	效率	防护等级	绝缘等级
Model No.	Voltage (V)	Frequency (Hz)	Eff	IP	Insulation class
YS71M2-4-0.37kW	380-415	50/60	IE1-IE4	IP55	F
YS80M1-4-0.55kW	380-415	50/60	IE1-IE4	IP55	F
YS80M2-4-0.75kW	380-415	50/60	IE1-IE4	IP55	F
YS90S-4-1.1kW	380-415	50/60	IE1-IE4	IP55	F
YS90L-4-1.5kW	380-415	50/60	IE1-IE4	IP55	F
YS-80M1-6-0.37kW	380-415	50/60	IE1-IE4	IP55	F
YS-90S-6-0.75kW	380-415	50/60	IE1-IE4	IP55	F
YS90L-6-1.1kW	380-415	50/60	IE1-IE4	IP55	F
YS100L-6-1.5kW	380-415	50/60	IE1-IE4	IP55	F
YS100L2-8-1.1kW	380-415	50/60	IE1-IE4	IP55	F
YS100L3-8-1.5kW	380-415	50/60	IE1-IE4	IP55	F
YS112M2-8-2.2kW	380-415	50/60	IE1-IE4	IP55	F

畜牧风机专用变频电机

Variable Frequency Fan Motor for
Animal Husbandry

特点Feature:

- ✓ 根据风机运转自动调整频率, 减少损耗, 提高寿命和效率。

Automatically adjust the frequency according to the operation of the fan, reduce loss, and better life and efficiency.

- ✓ 根据不同温度, 调节风量大小, 使畜舍的温度保持在牲畜适宜的范围。

Adjust the air flow according to the different temperature, to make sure the environment temperature in good condition.

- ✓ 针对高负压风机的变频电机, 节能高效特点尤其明显。

The variable frequency motor designed for the high negative pressure fan is especially characterized by energy saving and high efficiency.



参数 Specification

电机型号	电压 V	频率 Hz	效率	防护等级	绝缘等级
Model No.	Voltage (V)	Frequency (Hz)	Eff%	IP	Insulation class
YVF2-112M2-8-2.2kW	380-415	30-50	IE1-IE4	IP55	F
YVF2-100L1-6-1.1kW	380-415	30-50	IE1-IE4	IP55	F
YVF2-71M1-4-0.25kW	380-415	10-50	IE1-IE4	IP55	F
YVF2-80M1-4-0.55kW	380-415	10-50	IE1-IE4	IP55	F
YVF2-80M2-4-0.75kW	380-415	10-50	IE1-IE4	IP55	F
YVF2-80M1-6-0.37kW	380-415	10-50	IE1-IE4	IP55	F
YVF2-80M2-6-0.55kW	380-415	10-50	IE1-IE4	IP55	F
YVF2-90S-6-0.75kW	380-415	10-50	IE1-IE4	IP55	F
YVF2-100L2-8-1.1kW	380-415	10-50	IE1-IE4	IP55	F

畜牧风机专用直驱电机

Direct-drive Fan Motor for
Animal Husbandry

特点Feature:

- ✓ 高精度, 低损耗, 结构可靠性高。
High precision, low loss and high structural reliability.
- ✓ 后期维护时间和成本超低。
The after service cost is ultra-low.
- ✓ 低噪音, 适用于高端风机。
Low noise, and suitable for premium products.



参数 Specification

电机型号 Model No.	电压 V Voltage (V)	频率 Hz Frequency (Hz)	效率 Eff%	防护等级 IP	绝缘等级 Insulation class
YE2-71M1-4-0.25kw	380-415	50/60	IE1-IE4	IP55	F
YE2-90S1-6-0.37kw	380-415	50/60	IE1-IE4	IP55	F
YE2-90S-6-0.75KW	380-415	50/60	IE1-IE4	IP55	F
YE2-100L2-8-1.1kW	380-415	50/60	IE1-IE4	IP55	F
YE2-100L3-8-1.5kW	380-415	50/60	IE1-IE4	IP55	F
YE2-112M1-8-1.8kW	380-415	50/60	IE1-IE4	IP55	F
YE2-112M2-8-2.2kW	380-415	50/60	IE1-IE4	IP55	F

畜牧风机专用永磁电机

PM Motor

特点Feature:

- ✓ 智能化, 自动调节电机转速。
Intelligent upgrade, can adjust the motor speed according the working condition.
- ✓ 效率高, 节能。
High efficiency and energy saving.
- ✓ 可实现远程控制并能与其它设备联机联网, 精准控制, 降低运营成本, 实现无人化操作, 免除病源传入。

Can be applied with on-line APP to achieve unmanned operation, the operation cost will be lower, and what's more important is to avoid the introduction of disease source.



参数 Specification

电机型号 Model No.	效率 Eff%	电压 V Voltage (V)	频率 Hz Frequency (Hz)	功率(KW) Rated Power (KW)	防护等级 IP	绝缘等级 Insulation class
SN-150-0.4	90%	380	50	0.4	IP55	F
SN-150-1.1	90%	380	50	1.1	IP55	F
SN-160-1.5	91%	380	50	1.5	IP55	F
SN-160-2.2	92%	380	50	2.2	IP55	F

多级泵电机

Multi-State Pump Motor



产品参数 Description

- 1、绝缘/温升等级:F级绝缘/B级温升
Insulation/temperature rise class: F-class insulation/B-class temperature rise
- 2、环境温度:-20°C~+40°C
Ambient temperature:-20°C~+40°C
- 3、海拔:1000m
Elevation: 1000m
- 4、冷却方式:IC411
Cooling: IC411
- 5、防护等级:IP55
Protection level: IP55
- 6、接线方式:小于4kW 220V△/380VY;4kW及以上 380V△;
Wiring: less than 4kw 220V△/380VY; above 4kw 380V△
7. 安装方式:80-132基座 V18; 160基座 V1
Mounting: V18 for frame 80-132; V1 for frame 160

型号 Type	额定功率 Rated Output kW	极数 Poles	效率 Efficiency $\eta\%$ (IE3)	功率因数 Power factor $\cos\phi$	额定电流 A Rated current	额定转速 Rated Speed (r/min)	额定转矩 Rated Torque Nm	噪声 Noise Lp dB(A)
YE3-80M1-2	0.75	2	80.7	0.82	1.72	2845	2.52	58
YE3-80M2-2	1.1	2	82.7	0.83	2.43	2845	3.69	58
YE3-90S-2	1.5	2	84.2	0.84	3.22	2860	5.01	60
YE3-90L-2	2.2	2	85.9	0.85	4.58	2860	7.35	60
YE3-100L-2	3	2	87.1	0.87	6.02	2890	9.91	66
YE3-112M-2	4	2	88.1	0.88	7.84	2900	13.2	68
YE3-132S1-2	5.5	2	89.2	0.88	10.6	2910	18	70
YE3-132S2-2	7.5	2	90.1	0.88	14.4	2910	24.6	70
YE3-160M1-2	11	2	91.2	0.89	20.6	2930	35.9	75
YE3-160M2-2	15	2	91.9	0.89	27.9	2930	48.9	75
YE3-160L-2	18.5	2	92.4	0.89	34.2	2940	60.1	75

产品介绍

Product introduction

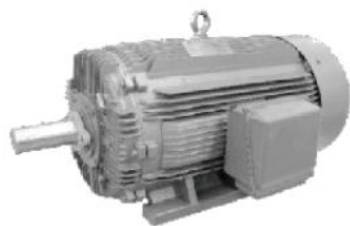
木工机械专用电动机 Woodworking machinery motor



功率 (POWER) 110W-5500W
电压频率 (VOLTAGE/FREQUENCY) 220V/380V/50HZ
级数 (POLES) 2P-4P-6P
广泛应用于
工业级、专业级、工具级木工、金工机床等设备。
Widely used in industrial, professional,
tool-level woodworking, metalworking
machine tools and other equipment.



NEMA标准电动机 NEMA Standard Motor



该系列电机按美国“NEMA”标准设计与制造，具有效率高、温升低、噪声振动小、起动转矩大、结构坚固、经久耐用、安全可靠等特点。主要适用于石油机械等设备。
This series of motors are designed and manufactured according to the NEMA standard of the United States. The motor has the characteristics of high efficiency, low temperature rise, low noise and vibration, large starting torque, strong structure, durability, safety and reliability. Mainly applicable to petroleum machinery and other equipment.



高温消防专用电动机 High temperature Fire-fighting motor



型号 (Type) :H80-H315
级数(Poles)2P-8P
电压频率(Voltage/Frequency)380V/50HZ
消防温度(Fire temperature)300/4h,400/2h
广泛应用于消防通道, 高铁隧道等。
It is widely used in fire control channels,
high-speed railway tunnels, etc.



企业文化

Enterprise culture

愿 景: 汇诚于硕,精能致远

使 命: 致力于为国内外客户提供优良的产品解决方案。

价 值 观: 专业、专注、创新

经营理念:

- 谨守诚信为本,敬业务实的态度去面对市场和客户。
- 不断追求技术创新,以卓越品质创造优秀品牌。
- 以快速响应和精益供应为顾客提供优质产品和服务。
- 通过组织选育与鼓励自我成长,促进组织成功与个人事业共同发展。

Vision:

Utmost integrity creates fruitful outcome, Excellence leads to continuous success

Mission:

Dedicate to supply leading products and solutions to the customers home and abroad.

Core Value:

Professional, Dedication, Innovation

Management idea:

- Integrity-based, with honesty and pragmatic attitude towards market and customer.
- Technical leading and quality first mind to create brand.
- Quick response and lean supply method to provide excellent product and service.
- With organization cultivation and staff self-growth, to promote corporate success and individual development.



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青岛硕能(集团)科技有限公司

+86 156-5018-7179 Top@qdsurene.com 中国·青岛



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