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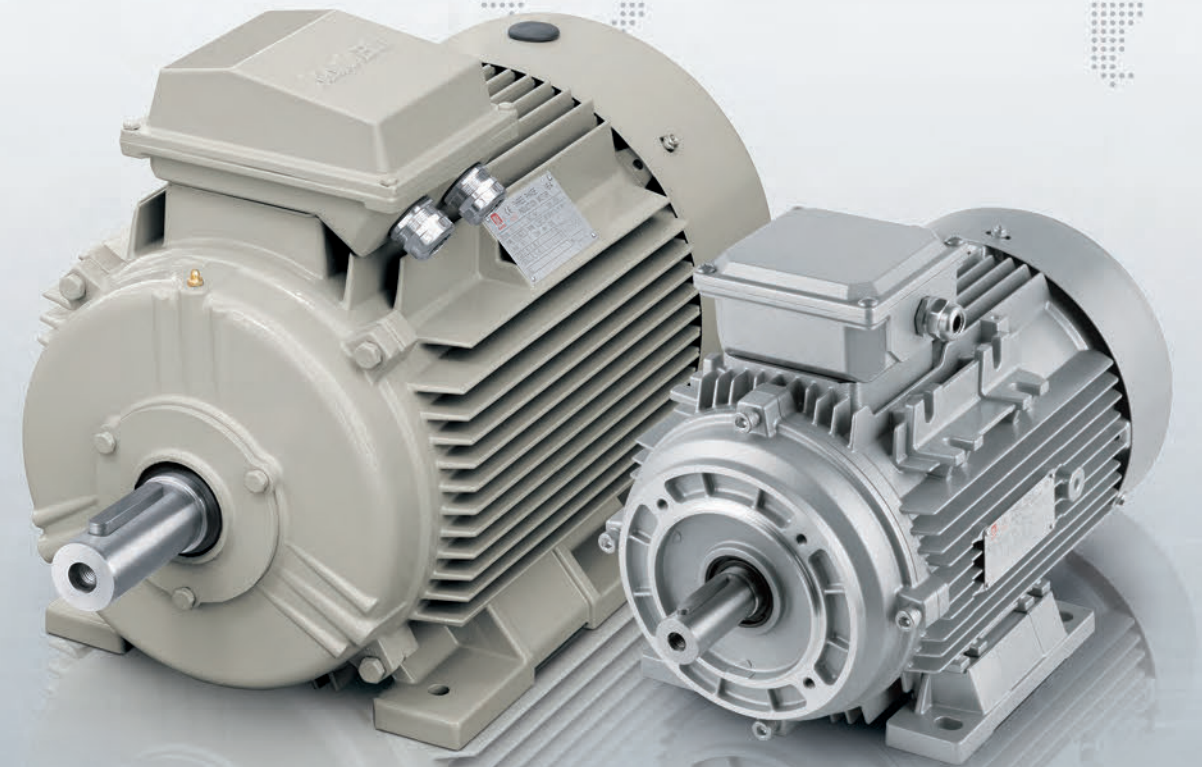
英文网站 (English)



凯捷利电机 KAIJIELI ELECTRIC

HIGH EFFICIENCY MOTOR
高效电动机

www.kg-electric.com



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目录

CONTENTS

凯捷利电机 KAIJIELI ELECTRIC

企业简介 COMPANY PROFILE	02
高效电动机 HIGH EFFICIENCY MOTOR	04
 CDF (IE1) 系列三相异步电动机 Series Three-Phase Asynchronous Motor	13
 KE (IE2) 系列高效三相异步电动机 Series High Efficiency Three-Phase Asynchronous Motor	20
 KE3 (IE3) 系列超高效三相异步电动机 Series Premium Efficiency Three-Phase Asynchronous Motor	27
 KE4 (IE4) 系列超超高效三相异步电动机 Series Super Premium Efficiency Three-Phase Asynchronous Motor	30
 KE5 (IE5) 系列超超高效三相异步电动机 Series Super Premium Efficiency Three-Phase Asynchronous Motor	34
 AIP (GOST 标准电动机 СТАНДАРТ ГОСТ ЭЛЕКТРОДВИГАТЕЛИ) 系列三相异步电动机 Трёхфазные асинхронные электродвигатели	38
 YC 系列大马力单相电容起动异步电动机 Series Heavy-duty Single-phase Capacitor Start Induction Motor	46
 YCL 系列大马力单相电容起动运转异步电动机 Series Heavy-duty Single-phase Capacitor Start and Run Induction Motor	46
 ML 系列单相双值电容铝壳异步电动机 Series Single-phase Asynchronous Aluminium Housing Motor With Dual Capacitors	49
 MY 系列电容运转单相铝壳异步电动机 Series Single-phase Asynchronous Aluminium Housing Motor With Running Capacitor	51

企业简介

COMPANY PROFILE

凯工电气，坐落于中国苏州国家级高新技术产业开发区，是一家专业电机及发电设备制造企业，凭借一流科技创新能力成为中小节能电机及系统、新能源发电设备制造的佼佼者。

多年来，凯工电气始终秉承“真诚创造价值”的理念，以国际化视野追逐智慧与技术的碰撞，在闻名遐迩的“中国中小电机之都”全资投建产品研发生产基地，与高等院校及科研院所建立“产学研”合作模式，拥有现代化机械装备企业科学管理系统，在产品研制与开发上具有雄厚的设备资源和强大的技术力量。借助国内外多项先进的三维和仿真技术，

先后设计开发 TWGII 系列无刷发电机、ST/STC 系列有刷发电机、FHW 系列永磁发电电焊两用机、CDF/SDF 系列三相异步电动机、YE2、YE3、YE4 系列三相异步电动机，MS、MSE2、MSE3 系列铝壳高效三相异步电动机等。

依靠领先行业的雄厚实力和创新发展理念，公司通过全过程、可追溯的全面质量管理，实现了设计建模计算、实验验证、材料选用、工艺控制、产品终端检验等全程系统管控，获得 ISO9001 质量管理体系认证、ISO14001 环境管理体系认证、ISO45001 职业健康安全管理体系认证，CCC，

CE，GS，SGS 等产品认证，先后获得数十项国家专利。旗下“凯捷利”商标作为行业知名品牌，成为国内外众多客户推荐和认可的品牌。产品远销欧美、东南亚、中东、非洲等数十个国家与地区，并直接或间接与中国神华、中国电信中国石油，中国建设，上柴股份等大型企业建立了长期合作伙伴关系！

踔厉奋发，笃行不怠。未来，凯工电气将继续潜心深耕，专注高能低耗发电机和高效节能电动机的研发与生产，用专业致敬梦想，持续为世界提供更强劲源动力。



Kaigong Electric, located in Suzhou National High tech Industrial Development Zone, China, is a professional manufacturer of motors and power generation equipment. By virtue of its first-class technological innovation capabilities, it has become a leader in the manufacturing of small and medium-sized energy-saving motors and systems, as well as new energy generation equipment.

For many years, Kaigong Electric has always adhered to the concept of "sincere creation of value", pursued the collision of wisdom and technology with an international perspective, and fully invested in the construction of product research and development production bases in the renowned "China Small and Medium sized Motor Capital". It has established a "industry university research" cooperation model with universities and research institutes, and has a modern mechanical equipment enterprise scientific management system. It has strong equipment resources and strong technical strength in product research and development. With the help of advanced 3D and simulation technologies at home and abroad, we have successively designed and developed TWGII series brushless generators, ST/STC series brushed generators, FHW series permanent magnet generator welding dual-use machines, CDF/SDF series three-phase asynchronous motors, YE2, YE3, YE4 series three-phase asynchronous motors, MS, MSE2, MSE3 series aluminum shell high-efficiency three-phase asynchronous motors, etc.



Relying on the strong strength of leading industries and the concept of innovative development, the company has achieved full process and traceable comprehensive quality management, realizing full system control of design modeling calculation, experimental verification, material selection, process control, product terminal inspection, etc. It has obtained ISO9001 quality management system certification, ISO14001 environmental management system certification, ISO45001 occupational health and safety management system certification, CCC, CE, GS, SGS and other product certifications, and has obtained dozens of national patents. As a well-known brand in the industry, its "Kaijielei" trademark has become a recommended and recognized brand by many customers at home and abroad. Our products are exported to dozens of countries and regions such as Europe, America, Southeast Asia, the Middle East, and Africa, and have directly or indirectly established long-term partnerships with large enterprises such as China Shenhua, China Telecom, China Petroleum, China Construction, and Shanghai Corporation!

Be resolute and diligent, and never slack off in your actions. In the future, Kaigong Electric will continue to devote itself to deep cultivation, focusing on the research and production of high-energy and low-power generators and high-efficiency energy-saving motors, paying tribute to dreams with professionalism, and continuously providing stronger power sources for the world.



高效电动机

HIGH EFFICIENCY MOTOR



IE1

IE2

IE3

IE4

总体描述

GENERAL DESCRIPTION

我司开发的 IE3 高效节能电机 (中国的 3 级能效) 和 IE4 超高效节能电机 (中国的 2 级能效) 是根据 IEC60034-30-1:2020 及中国的 GB18163-2020 标准的能效等级自主设计的节能产品。IE3, IE4 能效标准是全球统一的电机能效等级。一个优化系统中的总节能潜力预计可达到 30% 到 60%。

IE3, IE4 节能电机按 IEC60034-1 旋转电机第一部分: 等级和性能及 IEC60034-2-1 旋转电机第 2-1 部分: 旋转电机的损耗和实验测试方法。该能效等级电机基本符合和达到 NEMA, CSA, CEMEP, COPANT, AS, NZS, JIS, GB 等能效标准。是目前全球最权威的能效等级标准。

(IE3, GB3), (IE4, GB2) 节能电机 50Hz, 60Hz, 1000V 以下, S1 工作制, 2P, 4P, 6P, 8P 电机, 功率范围 0.12kW-1000kW, 所涉及的功率范围广泛, 是最理想的高效节能产品。电机可广泛应用于水泵、风机、机床、减速机、包装机械、矿山机械、建筑机械等各类传动机械行业。

The IE3 energy efficient motors (Energy Efficiency Class 3 in China) and IE4 ultra energy efficient motors (Energy Efficiency Class 2 in China) developed by our company are energy saving products independently designed according to the energy efficiency classes of IEC 60034-30-1:2020 and Chinese GB18163-2020. The IE3 and IE4 efficiency standards are globally harmonized energy efficiency classes for electric motors. The total energy saving potential in an optimized system is expected to be between 30% and 60%.

IE3, IE4 energy efficient motors are tested according to IEC60034-1 Rotating Motors Part 1: Design and performance and IEC60034-2-1 Rotating motors part 2-1: Losses and experimental test methods for rotating motors. The energy efficiency class motors basically

conform to and meet the energy efficiency standards of NEMA, CSA, CEMEP, COPANT, AS, NZS, JIS, GB and so on. It is the most authoritative energy efficiency rating standard in the world.

(IE3, GB3), (IE4, GB2) energy saving motors 50Hz, 60Hz, below 1000V, S1 working system, 2P, 4P, 6P, 8P motors, the power range 0.12kW-1000kW, the power involved in a wide range of products, is the most ideal high efficiency energy saving products. The motors can be widely used in pumps, fans, machine tools, gear reducers, packaging machinery, mining machinery, construction machinery and other types of power transmission machinery industry.

使用条件

- 环境空气温度: $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$
- 海拔: 不超过 1000 米
- 额定电压: 220/380V, 230/400V, 380/660V, 400/690V
- 额定频率: 50HZ 或 60HZ
- 接法: 3kW 及以下规格为 Y 接法, 4kW 及以上规格为 Δ 接法
- 工作方法: 连续 (S1)
- 绝缘等级: F, 绕组定子温升考核 80K
- 防护等级: 机壳 IP54、IP55, 接线盒 IP55
- 冷却方式: IC411

OPERATING CONDITIONS

- Ambient Temperature: $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$
- Altitude: up to 1000m above sea level
- Rated Voltage: 220/380V, 230/400V, 380/660V, 400/690V
- Rated Frequency: 50HZ or 60HZ
- Connection: Star for 3kW and below, Delta for 4kW and above
- Duty Type: Continuous (S1)
- Insulation Class: F with a temperature rise 80K
- Protection Degree: IP54 or IP55 for motor body, IP55 for terminal box
- Cooling Method: IC411





高效电动机
HIGH EFFICIENCY MOTOR

IE1 效率限制值 EFFICIENCY 50Hz/60Hz				
Nominal efficiency limits(%) for 50Hz IE1 50Hz IE1 额定效率限值 (%)				
P _N kW	Number of poles/synchronous speed 极数 / 同步转速			
	2/3000	4/1500	6/1000	8/750
0.12	45.0	50.0	38.3	31.0
0.18	52.8	57.0	45.5	38.0
0.2	54.6	58.5	47.6	39.7
0.25	58.2	61.5	52.1	43.4
0.37	63.9	66.0	59.7	49.7
0.4	64.9	66.8	61.1	50.9
0.55	69.0	70.0	65.8	56.1
0.75	72.1	72.1	70.0	61.2
1.1	75.0	75.0	72.9	66.5
1.5	77.2	77.2	75.2	70.2
2.2	79.7	79.7	77.7	74.2
3	81.5	81.5	79.7	77.0
4	83.1	83.1	81.4	79.2
5.5	84.7	84.7	83.1	81.4
7.5	86.0	86.0	84.7	83.1
11	87.6	87.6	86.4	85.0
15	88.7	88.7	87.7	86.2
18.5	89.3	89.3	88.6	86.9
22	89.9	89.9	89.2	87.4
30	90.7	90.7	90.2	88.3
37	91.2	91.2	90.8	88.8
45	91.7	91.7	91.4	89.2
55	92.1	92.1	91.9	89.7
75	92.7	92.7	92.6	90.3
90	93.0	93.0	92.9	90.7
110	93.3	93.3	93.3	91.1
132	93.5	93.5	93.5	91.5
160	93.8	93.8	93.8	91.9
200	94.0	94.0	94.0	92.5
250	94.0	94.0	94.0	92.5
315	94.0	94.0	94.0	92.5
355	94.0	94.0	94.0	92.5
400	94.0	94.0	94.0	92.5
450	94.0	94.0	94.0	92.5
500~1000	94.0	94.0	94.0	92.5

IE2 效率限制值 EFFICIENCY 50Hz/60Hz				
Nominal efficiency limits(%) for 50Hz IE2 50Hz IE2 额定效率限值 (%)				
P _N kW	Number of poles/synchronous speed 极数 / 同步转速			
	2/3000	4/1500	6/1000	8/750
0.12	53.6	59.1	50.6	39.8
0.18	60.4	64.7	56.6	45.9
0.2	61.9	65.9	58.2	47.4
0.25	64.8	68.5	61.6	50.6
0.37	69.5	72.7	67.6	56.1
0.4	70.4	73.5	68.8	57.2
0.55	74.1	77.1	73.1	61.7
0.75	77.4	79.6	75.9	66.2
1.1	79.6	81.4	78.1	70.8
1.5	81.3	82.8	79.8	74.1
2.2	83.2	84.3	81.8	77.6
3	84.6	85.5	83.3	80.0
4	85.8	86.6	84.6	81.9
5.5	87.0	87.7	86.0	83.8
7.5	88.1	88.7	87.2	85.3
11	89.4	89.8	88.7	86.9
15	90.3	90.6	89.7	88.0
18.5	90.9	91.2	90.4	88.6
22	91.3	91.6	90.9	89.1
30	92.0	92.3	91.7	89.8
37	92.5	92.7	92.2	90.3
45	92.9	93.1	92.7	90.7
55	93.2	93.5	93.1	91.0
75	93.8	94.0	93.7	91.6
90	94.1	94.2	94.0	91.9
110	94.3	94.5	94.3	92.3
132	94.6	94.7	94.6	92.6
160	94.8	94.9	94.8	93.0
200~1000	95.0	95.1	95.0	93.5

高效电动机
HIGH EFFICIENCY MOTOR



IE3 (3级能效 GB3) 效率限制值 EFFICIENCY 50Hz/60Hz									
Nominal efficiency limits(%) for 50Hz IE3 50Hz IE3 额定效率限值 (%)					Nominal efficiency limits(%) for 60Hz IE3 60Hz IE3 额定效率限值 (%)				
P _N kW	Number of poles/synchronous speed 极数 / 同步转速				P _N kW	Number of poles/synchronous speed 极数 / 同步转速			
	2/3000	4/1500	6/1000	8/750		2/3600	4/1800	6/1200	8/900
0.12	60.8	64.8	57.7	50.7	0.12	62.0	66.0	64.0	59.5
0.18	65.9	69.9	63.9	58.7	0.18	65.6	69.5	67.5	64.0
0.2	67.2	71.1	65.4	60.6	0.25	69.5	73.4	71.4	68.0
0.25	69.7	73.5	68.6	64.1	0.37	73.4	78.2	75.3	72.0
0.37	73.8	77.3	73.5	69.3	0.55	76.8	81.1	81.7	74.0
0.40	74.6	78.0	74.4	70.1	0.75	77.0	83.5	82.5	75.5
0.55	77.8	80.8	77.2	73.0	1.1	84.0	86.5	87.5	78.5
0.75	80.7	82.5	78.9	75.0	1.5	85.5	86.5	88.5	84.0
1.1	82.7	84.1	81.0	77.7	2.2	86.5	89.5	89.5	85.5
1.5	84.2	85.3	82.5	79.7	3.7	88.5	89.5	89.5	86.5
2.2	85.9	86.7	84.3	81.9	5.5	89.5	91.7	91.0	86.5
3	87.1	87.7	85.6	83.5	7.5	90.2	91.7	91.0	89.5
4	88.1	88.6	86.8	84.8	11	91.0	92.4	91.7	89.5
5.5	89.2	89.6	88.0	86.2	15	91.0	93.0	91.7	90.2
7.5	90.1	90	89.1	87.3	18.5	91.7	93.6	93.0	90.2
11	91.2	91	90.3	88.6	22	91.7	93.6	93.0	91.7
15	91.9	91.9	91.2	89.6	30	92.4	94.1	94.1	91.7
18.5	92.4	92.6	91.7	90.1	37	93.0	94.5	94.1	92.4
22	92.7	93.0	92.2	90.6	45	93.6	95.0	94.5	92.4
30	93.3	93.6	92.9	91.3	55	93.6	95.4	94.5	93.6
37	93.7	93.9	93.3	91.8	75	94.1	95.4	95.0	93.6
45	94.0	94.2	93.7	92.2	90	95.0	95.4	95.0	94.1
55	94.3	94.6	94.1	92.5	110	95.0	95.8	95.8	94.1
75	94.7	95.0	94.6	93.1	150	95.4	96.2	95.8	94.5
90	95.0	95.2	94.9	93.4	185~1000	95.8	96.2	95.8	95.0
110	95.2	95.4	95.1	93.7					
132	95.4	95.6	95.4	94.0					
160	95.6	95.8	95.6	94.3					
200~1000	95.8	96.0	95.8	94.6					

IE4 (2级能效 GB2) 效率限制值 EFFICIENCY 50Hz/60Hz									
Nominal efficiency limits(%) for 50Hz IE4 50Hz IE4 额定效率限值 (%)					Nominal efficiency limits(%) for 60Hz IE4 60Hz IE4 额定效率限值 (%)				
P _N kW	Number of poles/synchronous speed 极数 / 同步转速				P _N kW	Number of poles/synchronous speed 极数 / 同步转速			
	2/3000	4/1500	6/1000	8/750		2/3600	4/1800	6/1200	8/900
0.12	66.5	69.8	64.9	62.3	0.12	66.0	70.0	68.0	64.0
0.18	70.8	74.7	70.1	67.2	0.18	70.0	74.0	72.0	68.0
0.2	71.9	75.8	71.4	68.4	0.25	74.0	77.0	75.5	72.0
0.25	74.3	77.9	74.1	70.8	0.37	77.0	81.5	78.5	75.5
0.37	78.1	81.1	78.0	74.3	0.55	80.0	84.0	82.5	77.0
0.40	78.9	81.7	78.7	74.9	0.75	82.5	85.5	84.0	78.5
0.55	81.5	83.9	80.9	77.0	1.1	85.5	87.5	88.5	81.5
0.75	83.5	85.7	82.7	78.4	1.5	86.5	88.5	89.5	85.5
1.1	85.2	87.2	84.5	80.8	2.2	88.5	91.0	90.2	87.5
1.5	86.5	88.2	85.9	82.6	3.7	89.5	91.0	90.2	88.5
2.2	88.0	89.5	87.4	84.5	5.5	90.2	92.4	91.7	88.5
3	89.1	90.4	88.6	85.9	7.5	91.7	92.4	92.4	91.0
4	90.0	91.1	89.5	87.1	11	92.4	93.6	93.0	91.0
5.5	90.9	91.9	90.5	88.3	15	92.4	94.1	93.0	91.7
7.5	91.7	92.6	91.3	89.3	18.5	93.0	94.5	94.1	91.7
11	92.6	93.3	92.3	90.4	22	93.0	94.5	94.1	93.0
15	93.3	93.9	92.9	91.2	30	93.6	95.0	95.0	93.0
18.5	93.7	94.2	93.4	91.7	37	94.1	95.4	95.0	93.6
22	94.0	94.5	93.7	92.1	45	94.5	95.4	95.4	93.6
30	94.5	94.9	94.2	92.7	55	94.5	95.8	95.4	94.5
37	94.8	95.2	94.5	93.1	75	95.0	96.2	95.8	94.5
45	95.0	95.4	94.8	93.4	90	95.4	96.2	95.8	95.0
55	95.3	95.7	95.1	93.7	110	95.4	96.2	96.2	95.0
75	95.6	96.0	95.4	94.2	150	95.8	96.5	96.2	95.4
90	95.8	96.1	95.6	94.4	185	96.2	96.5	96.2	95.4
110	96.0	96.3	95.8	94.7	220	96.2	96.8	96.5	95.4
132	96.2	96.4	96.0	94.9	250~1000	96.2	96.8	96.5	95.8
160	96.3	96.6	96.2	95.1					
200	96.5	96.7	96.3	95.4					
250	96.5	96.7	96.5	95.4					
315~1000	96.5	96.7	96.6	95.4					

IE5

(1级能效 GB1) 效率限制值 EFFICIENCY

50Hz

Nominal efficiency limits(%) for 50Hz IE5
50Hz IE5 额定效率限值 (%)

P _N kW	Number of poles/synchronous speed 极数 / 同步转速				P _N kW	Number of poles/synchronous speed 极数 / 同步转速			
	2/3000	4/1500	6/1000	8/750		2/3000	4/1500	6/1000	8/750
0.12	71.4	74.3	69.8	67.4	11	94.0	94.6	93.7	92.2
0.18	75.2	78.7	74.6	71.9	15	94.5	95.1	94.3	92.9
0.20	76.2	79.6	75.7	73.0	18.5	94.9	95.3	94.6	93.3
0.25	78.3	81.5	78.1	75.2	22	95.1	95.5	94.9	93.6
0.37	81.7	84.3	81.6	78.4	30	95.5	95.9	95.3	94.1
0.40	82.3	84.8	82.2	78.9	37	95.8	96.1	95.6	94.4
0.55	84.6	86.7	84.2	80.6	45	96.0	96.3	95.8	94.7
0.75	86.3	88.2	85.7	82.0	55	96.2	96.5	96.0	94.9
1.1	87.8	89.5	87.2	84.0	75	96.5	96.7	96.3	95.3
1.5	88.9	90.4	88.4	85.5	90	96.6	96.9	96.5	95.5
2.2	90.2	91.4	89.7	87.2	110	96.8	97.0	96.6	95.7
3	91.1	92.1	90.6	88.4	132	96.9	97.1	96.8	95.9
4	91.8	92.8	91.4	89.4	160	97.0	97.2	96.9	96.1
5.5	92.6	93.4	92.2	90.4	200	97.2	97.4	97.0	96.3
7.5	93.3	94.0	92.9	91.3	250	97.2	97.4	97.0	96.3
					315-1000	97.2	97.4	97.0	96.3

机座和端盖材料 FRAMES AND END-SHIELDS MATERIAL

轴承规格

BEARING SIZE

机座号范围 Frame size	极数 Poles	轴伸端 Drive end		非轴伸端 Non-Drive end	
		铸铁壳 Cast Iron Housing	铝壳 Aluminum Housing	铸铁壳 Cast Iron Housing	铝壳 Aluminum Housing
63	2, 4	—	6201-C3	—	6201-C3
71	2, 4, 6, 8	—	6202-C3	—	6202-C3
80	2, 4, 6, 8	6204-C3	6204-C3	6204-C3	6204-C3
90	2, 4, 6, 8	6205-C3	6205-C3	6205-C3	6205-C3
100	2, 4, 6, 8	6206-C3	6206-C3	6206-C3	6206-C3
112	2, 4, 6, 8	6206-C3	6306-C3	6206-C3	6306-C3
132	2, 4, 6, 8	6208-C3	6308-C3	6208-C3	6308-C3
160	2, 4, 6, 8	6309-C3	6309-C3	6309-C3	6309-C3
180	2, 4, 6, 8	6311-C3	—	6211-C3	—
200	2, 4, 6, 8	6312-C3	—	6212-C3	—
225	2, 4, 6, 8	6313-C3	—	6312-C3	—
250	2, 4, 6, 8	6314-C3	—	6313-C3	—
280	2	6314-C3	—	6314-C3	—
	4, 6, 8	6317-C3	—	6314-C3	—
315	2	6317-C3	—	6317-C3	—
	4, 6, 8, 10	6319-C3	—	6317-C3	—
355	2	6319-C3	—	6319-C3	—
	4, 6, 8, 10	NU322	—	6322-C3	—

接线盒出线孔

CABLE ENTRY

接线盒分档 Classified No	电机规格 Frame Size	最大满载电流 MAX.FL.AMPS	出线孔尺寸 Entry Size
1	H63-80	2.6	1×M20×1.5
2	H90-100	6.8	1×M20×1.5
3	H112-132	15.4	2×M25×1.5
4	H160-180	42.5	2×M32×1.5
5	H200-225	84.2	2×M40×1.5
6	H250-280	166.6	2×M63×1.5
7	H315	358	2×M63×1.5
8	H355	546	2×M63×1.5

安装方式

MOUNTING
ARRANGEMENT

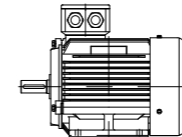
示意图
DIAGRAM

基本结构型式
Fundamental arrangement

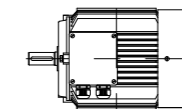
安装方式
Mounting arrangement

制造范围 (机座号)
Range of manufacture (frame size)

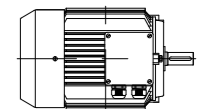
IM B3
IM 1001
63-450



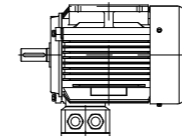
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63-160



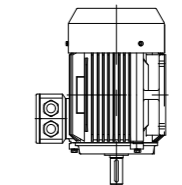
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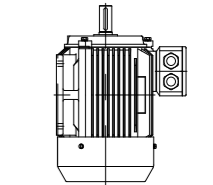
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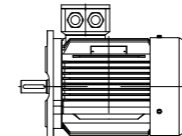
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IM 1011
63-160



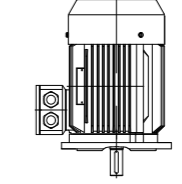
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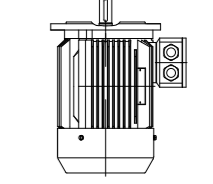
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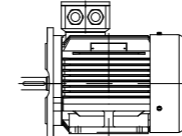
IM V1
IM 3011
63-450



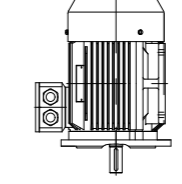
IM V3
IM 3031
63-160



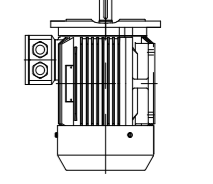
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IM 2001
63-450



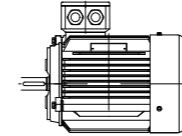
IM V15
IM 2011
63-160



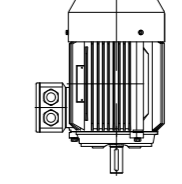
IM V35
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63-160



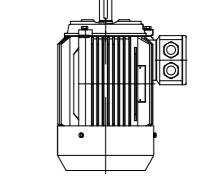
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IM 3601
63-132



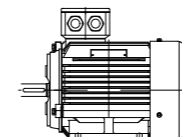
IM V18
IM 3611
63-132



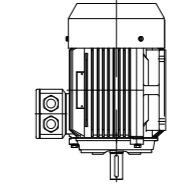
IM V19
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63-132



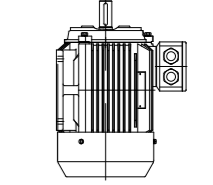
IM B34
IM 2101
63-132



IM V17
IM 2111
63-132



IM V37
IM 2131
63-132



参考标准

REFERENCE STANDARDS

电动机符合以下电气和机械标准:

Motor complies with the following electrical and mechanical standards:

名称 Title	IEC 标准 IEC Standard	中国国家标准 Chinese Standard
旋转电动机定额和性能 Rotating electrical machines-Part 1:Rating and performance	IEC 60034-1	GB 755
旋转电动机损耗与效率确定的标准测试方法 Rotating electrical machines-Part 2-1:Standard methods for determining losses and efficiency from tests(excluding machines for traction vehicles)	IEC 60034-2	GB/T 1032
旋转电机整体结构的防护等级 (IP 代码) 分级 Rotating electrical machines-Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code)-Classification	IEC 60034-5	GB/T 4942.1
旋转电动机冷却方法 Rotating electrical machines-Part6: Methods of cooling (IC Code)	IEC 60034-6	GB/T 1993
旋转电动机结构型式、安装型式及接线盒位置的分类 (IM 代码) Rotating electrical machines-Part7: Classification of types of construction, mounting arrangements and terminal box position (IM Code)	IEC 60034-7	GB/T 997
旋转电动机旋转电机线端标志与旋转方向 Rotating electrical machines-Part8: Terminal markings and direction of rotation	IEC 60034-8	GB/T 1971
旋转电机噪声测定方法及限值 第 9 部分: 噪声限值 Rotating electrical machines-Part9: Noise limits	IEC 60034-9	GB 10069.3
轴中心高为 56mm 及以上电机的机械振动 振动的测量、评定及限值 Rotating electrical machines-Part14: Mechanical vibration of certain machines with shaft heights 56 mm and higher-Measurement, evaluation and limits of vibration severity	IEC 60034-14	GB 10068
旋转电机尺寸和输出功率等级 第 1 部分: 机座号 56~400 和凸缘号 55~1080 Rotating electrical machines-Part1: Frame numbers 56 to 400 and flange numbers 55 to 1080	IEC 60072-1	GB/T 4772.1
中小型旋转电机安全要求 Safety requirements of samll and medium size rotating electrical machines		GB 14711
旋转电动机温升 Electrical insulation-Thermal classification	IEC 60085	GB/T 11021
电工电子产品自然环境条件 温度和湿度 Classification of environmental conditions Part 2-1: Environmental conditions appearing in nature-Temperature and humidity	IEC 60072-2-1	GB/T 4797.1
标准电压 Standard voltages	IEC 60038	GB/T 156

保护等级

PROTECTION CLASSES

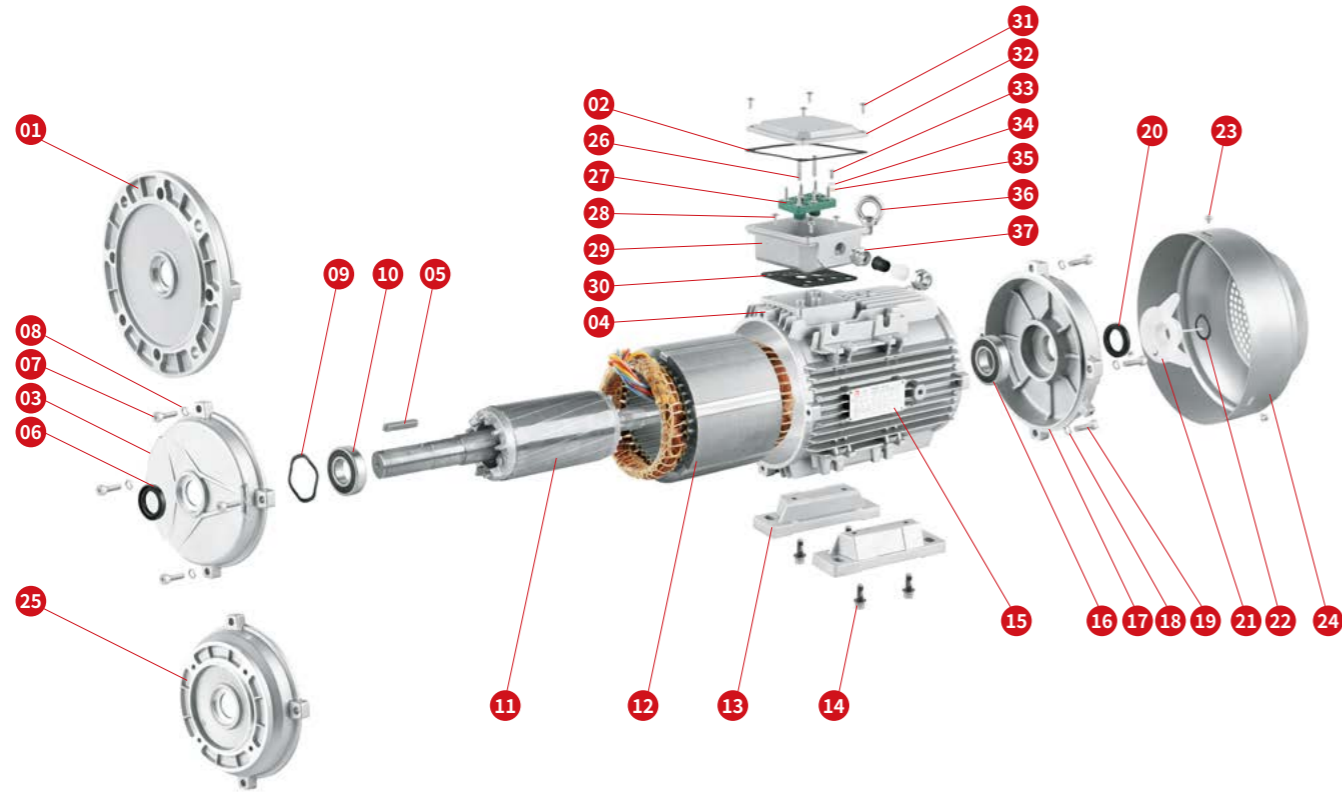
我们的电机按照 IEC 60034-5 标准制造, 可防止灰尘和液体飞溅。我们的标准电机防护等级为 IP 55。其他防护等级可根据要求提供。

如下表所示, IP (侵入等级) 图中的第一位数字表示对固体物质的防护等级。第二位数字表示对液体材料的防护。

Our motors are manufactured according to the IEC 60034-5 standard, protecting them against dust and squirting liquids. Our standard motors are manufactured in IP 55 protection class. Other protection available upon request. As shown in the below table, the first digit in the IP (Ingress Progress) diagram describes the protection against solid materials. The second digit shows the protection against liquid materials.

IP 5 5			
对固体材料的防护 Protection Against Solid Materials	第一位数字 First Number	第二重保护 Second Protection	对液体材料的防护 Protection Against Liquid Materials
无防护 Unprotected	0	0	无防护 Unprotected
防护大于 50 毫米的固体 Protection against objects greater than 50 mm	1	1	防止垂直落下的水滴 Protection against water coming vertically
防护大于 12 毫米的固体 Protection against objects greater than 12 mm	2	2	防止与垂直线成 15°角范围内的滴水 Protection against water coming vertically up to 15° angle
防护大于 2.5 毫米的固体 Protection against objects greater than 2.5 mm	3	3	防止与与垂直线成 60°角范围内的滴水 Protection against water coming vertically up to 60° angle
防护大于 1 毫米的固体 Protection against objects greater than 1 mm	4	4	防溅, 任何方向的溅水 Protection against water splashing from all directions
防止灰尘进入 Protection against dust	5	5	防喷水, 任何方向的喷水 Protection against water squirting from all directions
尘密, 能完全防止灰尘进入壳内 Complete protection against dust	6	6	防强力喷水, 任何方向的强力喷水 Protection against powerful water squirting from all directions
		7	0.15m 至 1m 之间的临时浸水防护 Protection against temporary water submersion between 0.15m and 1m
		8	防止永久性浸水 Protection against permanent water submersion

电动机分解图
MOTOR EXPLODED VIEW



零部件清单

PARTS LIST

序号 No.	名称 Description	序号 No.	名称 Description	序号 No.	名称 Description
01	B5 法兰 B5 Flange	14	螺栓 Bolt	27	接线板 Terminal Block
02	接线盒密封圈 Terminal Seal	15	铭牌 Nameplate	28	螺丝 Screw
03	前端盖 B3 Front endshield B3	16	轴承 Bearing	29	接线盒座 Terminal Box Base
04	机座 Frame	17	后盖 End Cover	30	垫片 Washer
05	平键 Key	18	弹簧垫圈 Spring Washer	31	螺丝 Screw
06	密封圈 Seal	19	螺栓 Bolt	32	接线盒盖 Terminal Box Lid
07	螺栓 Bolt	20	密封圈 Seal	33	螺丝 Screw
08	弹簧垫圈 Spring Washer	21	风叶 Fan	34	垫圈 Washer
09	波形圈 Wave Washer	22	风叶卡簧 Fan Clamp	35	弹簧垫圈 Spring Washer
10	轴承 Bearing	23	螺丝 Screw	36	吊环 Lifting Ring
11	转子 Rotor	24	风罩 Fan Cover	37	接线盒出线螺套 Terminal Box Plug Screw
12	定子 Stator	25	B14 法兰 B14 Flange		
13	底脚 Feet	26	螺丝 Screw		

CDF (IE1)

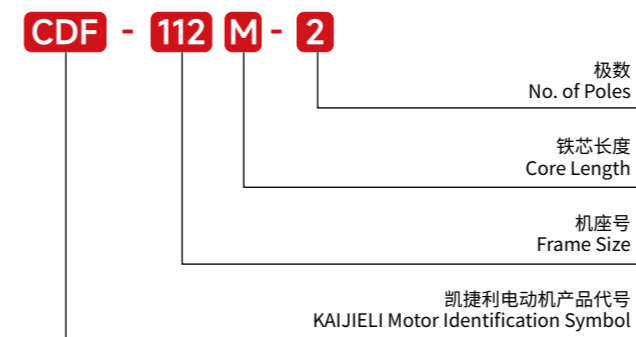
系列三相异步电动机
Series Three-Phase Asynchronous Motor



铁壳系列
Cast iron housing series

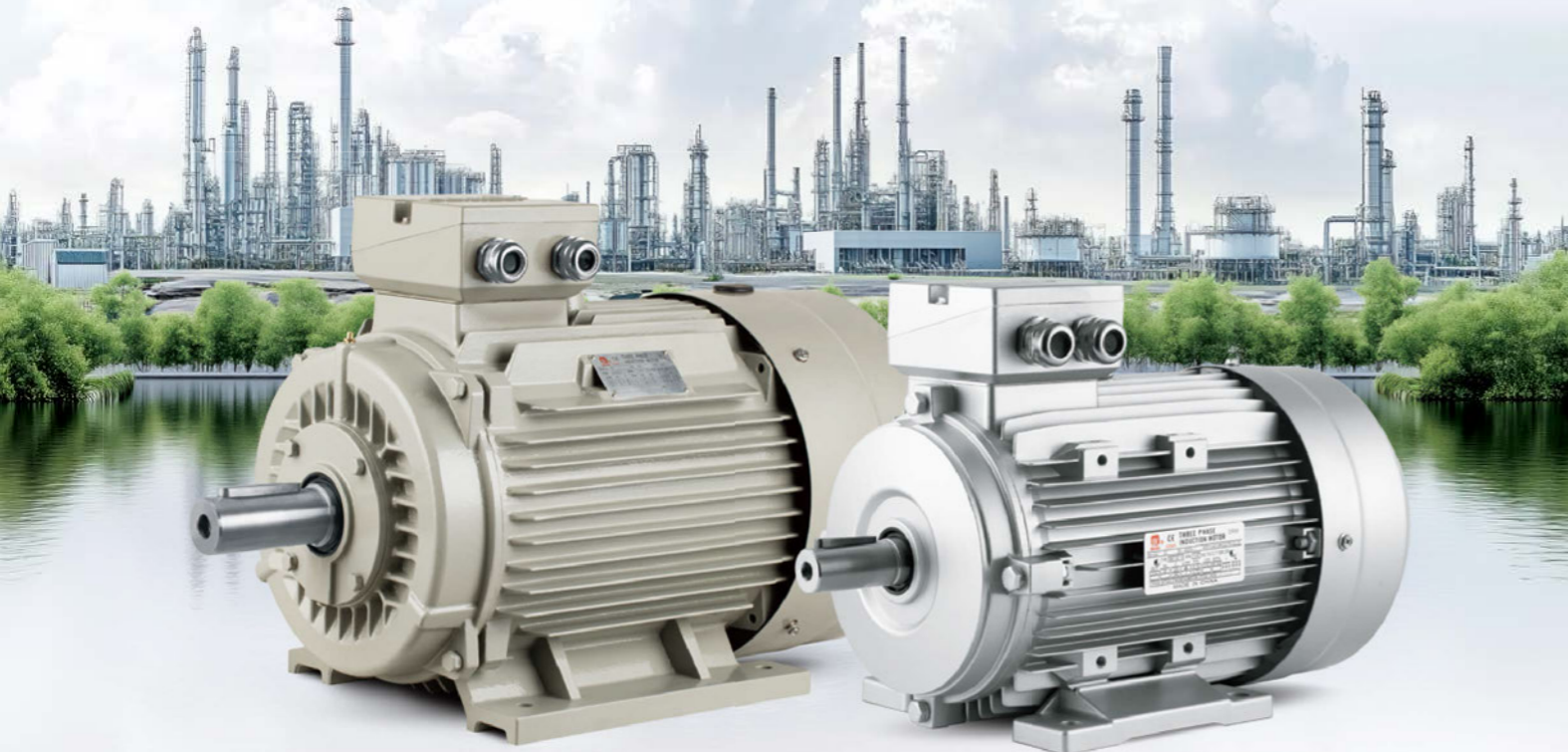
铝壳系列
Aluminum housing series

型号说明
TYPE DEFINITION



KE (IE2)

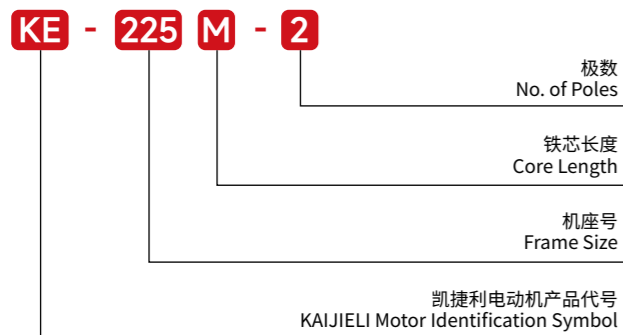
系列高效三相异步电动机 Series High Efficiency Three-Phase Asynchronous Motor



铁壳系列
Cast iron housing series

铝壳系列
Aluminum housing series

型号说明 TYPE DEFINITION

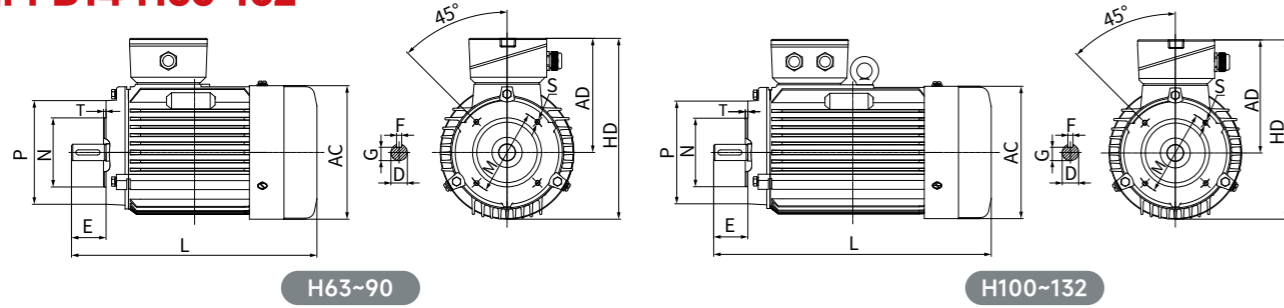


KE (IE2) 技术参数 TECHNICAL DATA

50HZ

型号 Type No.	额定功率 Rated output		额定转速 Rated speed (r/min)	效率 Efficiency η% (IE2)	效率 75% 负载 Efficiency at 75% load	效率 50% 负载 Efficiency at 50% load	功率因数 Power factor cosΦ	额定电流 Rated current(A)			额定转矩 Rated Torque (N.m)	堵转转矩 Ts/Tn	最大转矩 Tmax/Tn	堵转电流 Is/In
	kW	HP						380V	400V	415V				
SPEED 3000RPM 2-POLE														
KE-631-2	0.18	0.25	2725	60.4	60.4	59.2	0.80	0.57	0.54	0.52	0.63	2.2	2.2	5.5
KE-632-2	0.25	0.37	2725	64.8	64.8	63.5	0.81	0.72	0.69	0.66	0.88	2.2	2.2	5.5
KE-711-2	0.37	0.5	2745	69.5	69.5	68.1	0.81	1	0.95	0.91	1.29	2.2	2.3	6.1
KE-712-2	0.55	0.75	2745	74.1	74.1	72.6	0.82	1.38	1.31	1.26	1.91	2.3	2.3	6.1
KE-801-2	0.75	1	2875	77.4	77.4	75.9	0.83	1.77	1.69	1.62	2.49	2.3	2.3	6.8
KE-802-2	1.1	1.5	2875	79.6	79.6	78.0	0.84	2.5	2.37	2.29	3.65	2.3	2.3	7.1
KE-90S-2	1.5	2	2890	81.3	81.3	79.7	0.84	3.34	3.17	3.06	4.96	2.3	2.3	7.3
KE-90L-2	2.2	3	2890	83.2	83.2	81.5	0.85	4.73	4.49	4.33	7.27	2.3	2.3	7.6
KE-100L-2	3	4	2891	84.6	84.6	82.9	0.87	6.19	5.88	5.67	9.91	2.2	2.3	7.8
KE-112M-2	4	5.5	2914	85.8	85.8	84.1	0.88	8.05	7.65	7.37	13.1	2.2	2.3	8.1
KE-132S1-2	5.5	7.5	2937	87.0	87.0	85.3	0.86	11.2	10.6	10.2	17.9	2.2	2.3	8.2
KE-132S2-2	7.5	10	2940	88.1	88.1	86.3	0.88	14.7	14	13.5	24.4	2.2	2.3	7.8
KE-160M1-2	11	15	2930	89.4	89.4	87.6	0.89	21	20	19.2	35.9	2.2	2.3	7.9
KE-160M2-2	15	20	2930	90.3	90.3	88.5	0.89	28.4	26.9	26	48.9	2.2	2.3	7.9
KE-160L-2	18.5	25	2937	90.9	90.9	89.1	0.89	34.7	33	31.8	60.2	2.2	2.3	8.0
KE-180M-2	22	30	2940	91.3	91.3	89.5	0.88	41.6	39.5	38.1	71.5	2.2	2.3	8.1
KE-200L1-2	30	40	2950	92.0	92.0	90.2	0.88	56.3	53.5	51.6	97.1	2.0	2.3	7.5
KE-200L2-2	37	50	2950	92.5	92.5	90.7	0.89	68.3	64.9	62.5	119.8	2.0	2.3	7.5
KE-225M-2	45	60	2960	92.9	92.9	91.0	0.89	82.7	78.6	75.7	145.2	2.2	2.3	7.5
KE-250M-2	55	75	2965	93.2	93.2	91.3	0.90	99.6	94.6	91.2	177.2	2.2	2.3	7.6
KE-280S-2	75	100	2970	93.8	93.8	91.9	0.90	135	128	124	241.2	1.8	2.3	6.9
KE-280M-2	90	125	2970	94.1	94.1	92.2	0.91	160	152	146	289.4	1.8	2.3	6.9
KE-315S-2	110	150	2975	94.3	94.3	92.4	0.91	195	185	178	353.1	1.8	2.2	7.0
KE-315M-2	132	180	2975	94.6	94.6	92.7	0.91	233	221	213	423.7	1.8	2.2	7.0
KE-315L1-2	160	200	2975	94.8	94.8	92.9	0.92	279	265	255	513.6	1.8	2.2	7.1
KE-315L2-2	200	270	2975	95.0	95.0	93.1	0.92	348	330	318	642	1.8	2.2	7.1
KE-355M-2	250	340	2980	95.0	95.0	93.1	0.92	435	413	398	801.2	1.6	2.2	7.1
KE-355L-2	315	430	2980	95.0	95.0	93.1	0.92	548	520	501	1009.5	1.6	2.2	7.2
SPEED 1500RPM 4-POLE														
KE-631-4	0.12	0.18	1315	59.1	59.1	57.9	0.72	0.43	0.41	0.39	0.87	2.1	2.2	4.4
KE-632-4	0.18	0.25	1315	64.7	64.7	63.4	0.73	0.58	0.55	0.53	1.31	2.1	2.2	4.4
KE-711-4	0.25	0.37	1335	68.5	68.5	67.1	0.74	0.75	0.71	0.69	1.79	2.1	2.2	5.2
KE-712-4	0.37	0.5	1335	72.7	72.7	71.2	0.75	1.03	0.98	0.94	2.65	2.1	2.2	5.2
KE-801-4	0.55	0.75	1400	77.1	77.1	75.6	0.75	1.45	1.37	1.32	3.75	2.3	2.3	5.2
KE-802-4	0.75	1	1400	79.6	79.6	78.0	0.76	1.88	1.79	1.72	5.12	2.4	2.5	5.0
KE-90S-4	1.1	1.5	1440	81.4	81.4	79.8	0.77	2.67	2.53	2.44	7.3	2.4	2.5	6.0
KE-90L-4	1.5	2	1445	82.8	82.8	81.1	0.77	3.57	3.4	3.27	9.91	2.7	3.0	6.8
KE-100L1-4	2.2	3	1440	84.3	84.3	82.6	0.81	4.9	4.65	4.48	14.6	2.7	3.0	7.0
KE-100L2-4	3	4	1440	85.5	85.5	83.8	0.82	6.5	6.18	5.95	19.9	2.6	2.8	7.0
KE-112M-4	4	5.5	1445	86.6	86.6	84.9	0.82	8.56	8.13	7.84	26.4	2.6	2.8	7.5
KE-132S-4	5.5	7.5	1455	87.7	87.7	85.9	0.83	11.5	10.9	10.5	36.1	2.2	2.8	6.4
KE-132M-4	7.5	10	1455	88.7	88.7	86.9	0.84	15.3	14.5	14	49.2	2.2	2.8	7.0
KE-160M-4	11	15	1460	89.8	89.8	88.0	0.84	22.2	21	20.3	72	2.1	2.8	6.9
KE-160L-4	15	20	1460	90.6	90.6	88.8	0.85	29.6	28.1	27.1	98.1	2.1	2.8	7.5
KE-180M-4	18.5	25	1470	91.2	91.2	89.4	0.86	35.8	34	32.8	120.2	2.1	2.8	7.8
KE-180L-4	22	30	1470	91.6	91.6	89.8	0.86	42.4	40.3	38.9	142.9	2.1	2.8	7.5
KE-200L-4	30	40	1470	92.3	92.3	90.5	0.86	57.4	54.6	52.6	194.9	2.0	2.5	7.1
KE-225S-4	37	50	1480	92.7	92.7	90.8	0.87	59.7	66.2	63.8	238.8	2.0	2.5	7.5
KE-225M-4	45	60	1480	93.1	93.1	91.2	0.87	84.4	80.2	77.3	290.4	2.0	2.5	7.6
KE-250M-4	55	75	1480	93.5	93.5	91.6	0.87	103	97.6	94.1	354.9	1.8	2.2	7.3
KE-280S-4	75	100	1480	94.0	94.0	92.1	0.87	139	132	128	484	1.8	2.2	7.6
KE-280M-4	90	125	1480	94.2	94.2	92.3	0.87	167	159	153	580.7	1.8	2.2	7.5
KE-315S-4	110	150	1485	94.5	94.5	92.6	0.88	201	191	184	707.4	1.8	2.2	7.1
KE-315M-4	132	180	1485	94.7	94.7	92.8	0.88	240	229	220	848.9	1.8	2.2	7.3
KE-315L1-4	160	200	1485	94.9	94.9	93.0	0.89	288	273	264	1029	1.8	2.2	7.4
KE-315L2-4	200	270	1485	95.1	95.1	93.2	0.89	359	341	329	1286.2	1.8	2.2	7.6
KE-355M-4	250	340	1490	95.1	95.1	93.2	0.90	444	422	406	1602.3	1.8	2.2	7.5
KE-355L-4	315	430	1490	95.1	95.1	93.2	0.90	559	531	512	2019	1.8	2.2	7.4

IM B14 H63-132



H63~90

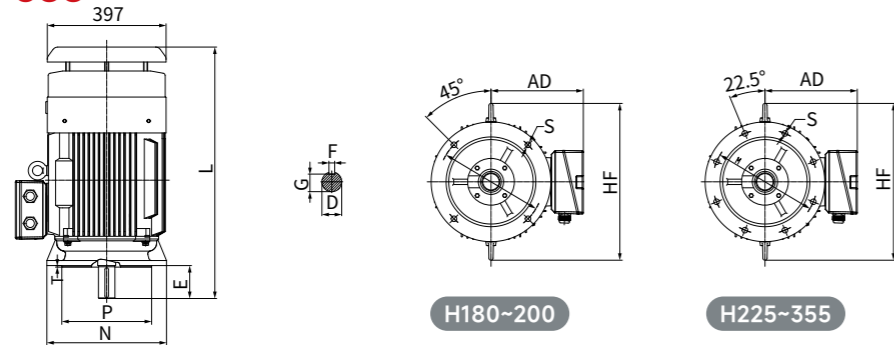
H100~132

机座不带底脚，端盖上有凸缘（带螺孔）的电动机。Frame without feet and endshield with flange (With thread holes).

机座号 Frame	凸缘号 Flange NO.	极数 Poles	安装尺寸 Mounting Dimensions											外形尺寸 Overall Dimensions			
			D	E	F	G	M	N	P	R*	S	T	凸缘孔数 Flange holes	AC	AD	HD	L
63	FT75	2, 4	11	23	4	8.5	75	60	90	0	M6	2.5	4	130	70	160	225
71	FT85	2, 4, 6	14	30	5	11	85	70	105	0	M6	2.5	4	145	80	175	250
80	FT100	2, 4, 6, 8	19	40	6	15.5	100	80	120	0	M6	3	4	175	145	205	305
90S	FT115	2, 4, 6, 8	24	60	8	20	115	95	140	0	M8	3	4	195	195	225	360
90L	FT115	2, 4, 6, 8	24	60	8	20	115	95	140	0	M8	3	4	195	195	225	390
100L	FT130	2, 4, 6, 8	28	80	8	24	130	100	160	0	M8	3.5	4	215	180	250	345
112M	FT130	2, 4, 6, 8	28	80	8	24	130	110	160	0	M8	3.5	4	240	190	280	470
132S	FT165	2, 4, 6, 8	38	80	10	33	165	130	200	0	M10	3.5	4	275	210	320	470
132M	FT165	2, 4, 6, 8	38	80	10	33	165	130	200	0	M10	3.5	4	275	210	320	510

注：R* 为凸缘配合面至轴伸肩的距离。Note: R* is the distance from the flange mounting-plane to the shaft-extension shoulder.

IM V1 H180-355



H180~200

H225~355

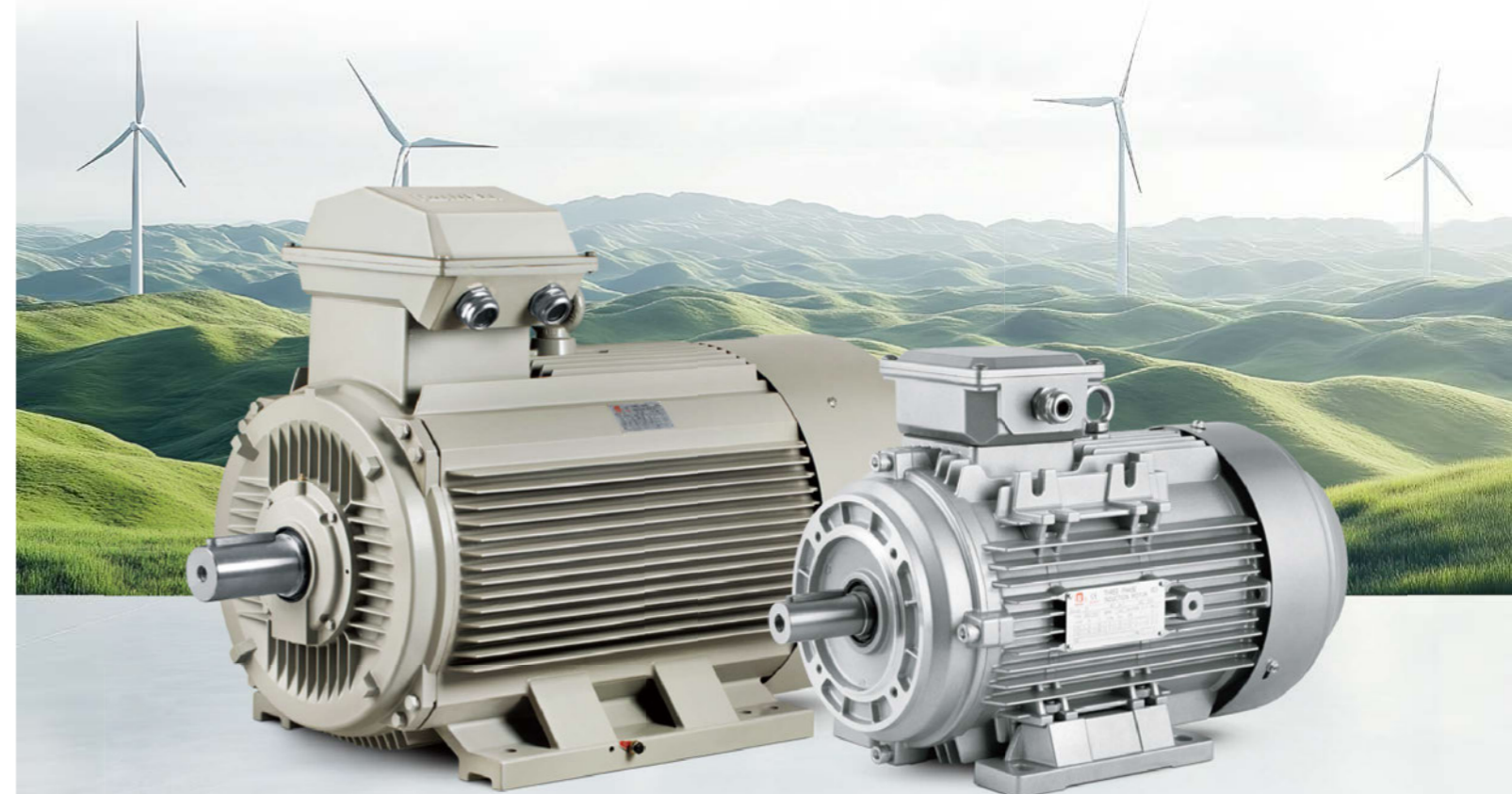
立体安装，机座不带底脚，端盖上有凸缘（带通孔）轴伸向下的电动机。Vertical type, frame without feet and endshield with flange (With through holes).

机座号 Frame	凸缘号 Flange NO.	极数 Poles	安装尺寸 Mounting Dimensions											外形尺寸 Overall dimensions			
			D	E	F	G	M	N	P	R*	S	T	凸缘孔数 Flange holes	AC	AD	HF	L
180M	FF300	2,4,6,8	48	110	14	42.5	300	250	280	0	18.5	5	4	380	280	500	800
180L	FF300	2,4,6,8	48	110	14	42.5	300	250	280	0	18.5	5	4	380	280	500	850
200L	FF350	2,4,6,8	55	110	16	49	350	300	305	0	18.5	5	4	420	305	550	860
225S	FF400	4	60	140	18	53	400	350	335	0	18.5	5	8	470	335	610	920
225M	FF400	2	55	110	16	49	400	350	335	0	18.5	5	8	470	335	610	915
	FF400	4,6,8	60	140	18	53	400	350	335	0	18.5	5	8	470	335	610	945
250M	FF500	2	60	140	18	53	500	450	550	0	18.5	5	8	510	370	650	1020
	FF500	4,6,8	65	140	18	58	500	450	550	0	18.5	5	8	510	370	650	1020
280S	FF500	2	65	140	18	58	500	450	550	0	18.5	5	8	580	410	720	1100
	FF500	4,6,8	75	140	20	67.5	500	450	550	0	18.5	5	8	580	410	720	1100
280M	FF500	2	65	140	18	58	500	450	550	0	18.5	5	8	580	410	720	1150
	FF500	4,6,8	75	140	20	67.5	500	450	660	0	18.5	5	8	580	410	720	1150
315S	FF600	2	65	140	18	58	600	550	660	0	24	6	8	645	530	900	1180
	FF600	4,6,8	80	170	22	71	600	550	660	0	24	6	8	645	530	900	1210
315M	FF600	2	65	140	18	58	600	550	660	0	24	6	8	645	530	900	1290
	FF600	4,6,8	80	170	22	71	600	550	660	0	24	6	8	645	530	900	1320
315L	FF600	2	65	140	18	58	600	550	660	0	24	6	8	645	530	900	1290
	FF600	4,6,8	80	170	22	71	600	550	660	0	24	6	8	645	530	900	1320
355M	FF740	2	75	140	20	67.5	740	680	800	0	24	6	8	710	655	1010	1525
	FF740	4,6,8	95	170	25	86	740	680	800	0	24	6	8	710	655	1010	1550
355L	FF740	2	75	140	20	67.5	740	680	800	0	24	6	8	710	655	1010	1525
	FF740	4,6,8	95	170	25	86	740	680	800	0	24	6	8	710	655	1010	1550

注：R* 为凸缘配合面至轴伸肩的距离。Note: R* is the distance from the flange mounting-plane to the shaft-extension shoulder.

KE3 (IE3)

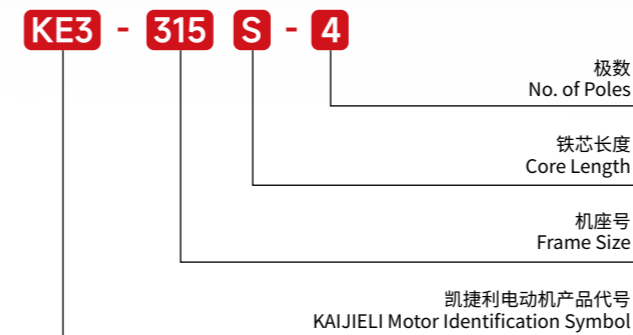
系列超高效三相异步电动机 Series Premium Efficiency Three-Phase Asynchronous Motor



▲ 铁壳系列
Cast iron housing series

▲ 铝壳系列
Aluminum housing series

型号说明 TYPE DEFINITION

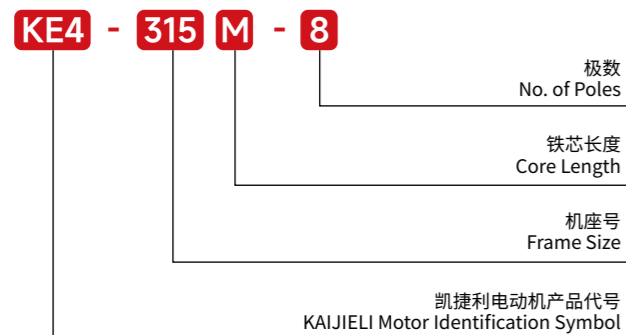


KE4 (IE4)

系列超超高效三相异步电动机 Series Super Premium Efficiency Three-Phase Asynchronous Motor



型号说明
TYPE DEFINITION



KE4 (IE4) 技术参数 TECHNICAL DATA 50HZ

型号 Type No.	额定功率 Rated output		额定转速 Rated speed (r/min)	效率 Efficiency η% (IE4)	效率 75% 负载 Efficiency at 75% load	效率 50% 负载 Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current(A)			额定转矩 Rated Torque (N.m)	堵转转矩 额定转矩 Ts/Tn	最大转矩 额定转矩 Tmax/Tn	堵转电流 额定电流 Is/In
	kW	HP						380V	400V	415V				
SPEED 3000RPM 2-POLE														
KE4-631-2	0.18	0.25	2745	70.8	70.8	69.4	0.80	0.48	0.46	0.44	0.63	2.2	2.2	5.5
KE4-632-2	0.25	0.37	2745	74.3	74.3	72.8	0.81	0.63	0.6	0.58	0.87	2.2	2.2	5.5
KE4-711-2	0.37	0.5	2765	78.1	78.1	76.5	0.81	0.89	0.84	0.81	1.28	2.2	2.2	6.1
KE4-712-2	0.55	0.75	2765	81.5	81.5	79.9	0.82	1.25	1.19	1.14	1.9	2.3	2.3	6.1
KE4-801-2	0.75	1	2910	83.5	83.5	81.8	0.82	1.66	1.58	1.52	2.46	2.3	2.3	7.0
KE4-802-2	1.1	1.5	2920	85.2	85.2	83.5	0.83	2.36	2.25	2.16	3.6	2.2	2.3	7.3
KE4-90S-2	1.5	2	2930	86.5	86.5	84.8	0.84	3.14	2.98	2.87	4.89	2.2	2.3	7.6
KE4-90L-2	2.2	3	2930	88.0	88.0	86.2	0.85	4.47	4.25	4.09	7.17	2.2	2.3	7.6
KE4-100L-2	3	4	2935	89.1	89.1	87.3	0.87	5.88	5.59	5.38	9.76	2.2	2.3	7.8
KE4-112M-2	4	5.5	2940	90.0	90.0	88.2	0.88	7.67	7.29	7.03	13	2.2	2.3	8.3
KE4-132S1-2	5.5	7.5	2945	90.9	90.9	89.1	0.88	10.4	9.9	9.57	17.8	2.0	2.3	8.3
KE4-132S2-2	7.5	10	2950	91.7	91.7	89.9	0.88	14.1	13.4	12.9	24.3	2.0	2.3	7.9
KE4-160M1-2	11	15	2960	92.6	92.6	90.7	0.89	20.3	19.3	18.6	35.5	2.0	2.3	8.1
KE4-160M2-2	15	20	2960	93.3	93.3	91.4	0.89	27.4	26.1	25.1	48.4	2.0	2.3	8.1
KE4-160L-2	18.5	25	2960	93.7	93.7	91.8	0.89	33.7	32	30.9	59.7	2.0	2.3	8.2
KE4-180M-2	22	30	2965	94.0	94.0	92.1	0.89	40	38	36.6	70.9	2.0	2.3	8.2
KE4-200L1-2	30	40	2970	94.5	94.5	92.6	0.89	54.2	51.5	49.6	96.5	2.0	2.3	7.6
KE4-200L2-2	37	50	2970	94.8	94.8	92.9	0.89	66.6	63.3	61	119	2.0	2.3	7.6
KE4-225M-2	45	60	2975	95.0	95.0	93.1	0.90	80	76	73.2	144.5	2.0	2.3	7.7
KE4-250M-2	55	75	2975	95.3	95.3	93.4	0.90	97.4	92.6	89.2	176.6	2.0	2.3	7.7
KE4-280S-2	75	100	2980	95.6	95.6	93.7	0.90	132	126	121	240.4	1.8	2.3	7.1
KE4-280M-2	90	125	2982	95.8	95.8	93.9	0.90	159	151	145	288.2	1.8	2.3	7.1
KE4-315S-2	110	150	2980	96.0	96.0	94.1	0.90	193	184	177	352.5	1.8	2.3	7.1
KE4-315M-2	132	180	2980	96.2	96.2	94.3	0.90	232	220	212	423	1.8	2.3	7.1
KE4-315L1-2	160	200	2980	96.3	96.3	94.4	0.91	277	264	254	512.8	1.8	2.3	7.2
KE4-315L2-2	200	270	2980	96.5	96.5	94.6	0.91	346	329	317	640.9	1.8	2.2	7.2
KE4-355M-2	250	340	2985	96.5	96.5	94.6	0.91	433	411	396	799.8	1.6	2.2	7.2
KE4-355L-2	315	430	2982	96.5	96.5	94.6	0.91	545	518	499	1009	1.6	2.2	7.2
SPEED 1500RPM 4-POLE														
KE4-631-4	0.12	0.18	1340	69.8	69.8	68.4	0.72	0.36	0.34	0.33	0.86	2.1	2.2	4.4
KE4-632-4	0.18	0.25	1340	74.7	74.7	73.2	0.73	0.5	0.48	0.46	1.28	2.1	2.2	4.4
KE4-711-4	0.25	0.37	1355	77.9	77.9	76.3	0.74	0.66	0.63	0.6	1.76	2.1	2.2	5.2
KE4-712-4	0.37	0.5	1355	81.1	81.1	79.5	0.75	0.92	0.88	0.85	2.61	2.1	2.2	5.2
KE4-801-4	0.55	0.75	1420	83.9	83.9	82.2	0.75	1.33	1.26	1.22	3.7	2.4	2.3	5.2
KE4-802-4	0.75	1	1430	85.7	85.7	84.0	0.75	1.77	1.68	1.62	5.01	2.3	2.3	6.6
KE4-90S-4	1.1	1.5	1445	87.2	87.2	85.5	0.76	2.52	2.4	2.31	7.27	2.3	2.3	6.8
KE4-90L-4	1.5	2	1450	88.2	88.2	86.4	0.77	3.36	3.19	3.07	9.88	2.3	2.3	7.0
KE4-100L1-4	2.2	3	1455	89.5	89.5	87.7	0.81	4.61	4.38	4.22	14.4	2.3	2.3	7.6
KE4-100L2-4	3	4	1455	90.4	90.4	88.6	0.82	6.15	5.84	5.63	19.7	2.3	2.3	7.6
KE4-112M-4	4	5.5	1460	91.1	91.1	89.3	0.82	8.14	7.73	7.45	26.2	2.2	2.3	7.8
KE4-132S-4	5.5	7.5	1470	91.9	91.9	90.1	0.83	11	10.4	10	35.7	2.0	2.3	7.9
KE4-132M-4	7.5	10	1470	92.6	92.6	90.7	0.84	14.6	13.9	13.4	48.7	2.0	2.3	7.5
KE4-160M-4	11	15	1475	93.3	93.3	91.4	0.85	21.1	20	19.3	71.2	2.2	2.3	7.7
KE4-160L-4	15	20	1475	93.9	93.9	92.0	0.86	28.2	26.8	25.8	97.1	2.2	2.3	7.8
KE4-180M-4	18.5	25	1480	94.2	94.2	92.3	0.86	34.7	33	31.8	119.4	2.0	2.3	7.8
KE4-180L-4	22	30	1480	94.5	94.5	92.6	0.86	41.1	39.1	37.7	142	2.0	2.3	7.8
KE4-200L-4	30	40	1480	94.9	94.9	93.0	0.86	55.8	53.1	51.1	193.6	2.0	2.3	7.3
KE4-225S-4	37	50	1485	95.2	95.2	93.3	0.86	68.7	65.2	62.9	237.9	2.0	2.3	7.4
KE4-225M-4	45	60	1485	95.4	95.4	93.5	0.86	83.3	79.2	76.3	289.4	2.0	2.3	7.4
KE4-250M-4	55	75	1485	95.7	95.7	93.8	0.86	102	96.5	93	353.7	2.2	2.3	7.4
KE4-280S-4	75	100	1490	96.0	96.0	94.1	0.88	135	128	124	480.7	2.0	2.3	6.9
KE4-280M-4	90	125	1490	96.1	96.1	94.2	0.88	162	154	148	576.8	2.0	2.3	6.9
KE4-315S-4	110	150	1490	96.3	96.3	94.4	0.89	195	185	179	705	2.0	2.2	7.0
KE4-315M-4	132	180	1490	96.4	96.4	94.5	0.89	234	222	214	846	2.0	2.2	7.0
KE4-315L1-4	160	200	1490	96.6	96.6	94.7	0.89	283	269	259	1026	2.0	2.2	7.1
KE4-315L2-4	200	270	1490	96.7	96.7	94.8	0.90	349	332	320	1282	2.0	2.2	7.1
KE4-355M-4	250	340	1490	96.7	96.7	94.8	0.90	436	415	400	1602	2.0	2.2	7.1
KE4-355L-4	315	430	1490	96.7	96.7	94.8	0.90	550	522	504	2019	2.0	2.2	7.1



高效电动机
HIGH EFFICIENCY MOTOR

KE4 (IE4) 技术参数 TECHNICAL DATA 50HZ

型号 Type No.	额定功率 Rated output		额定转速 Rated speed (r/min)	效率 Efficiency η% (IE4)	效率 75% 负载 Efficiency at 75% load	效率 50% 负载 Efficiency at 50% load	功率因数 Power factor cosΦ	额定电流 Rated current(A)			额定转矩 Rated Torque (N.m)	堵转转矩 额定转矩 Ts/Tn	最大转矩 额定转矩 Tmax/Tn	堵转电流 额定电流 Is/In
	kW	HP						380V	400V	415V				
SPEED 1000RPM 6-POLE														
KE4-632-6	0.12	0.18	860	64.9	64.9	63.6	0.60	0.47	0.44	0.43	1.33	1.8	1.9	3.5
KE4-711-6	0.18	0.25	860	70.1	70.1	68.7	0.66	0.59	0.56	0.54	2.0	1.9	2.0	4.0
KE4-712-6	0.25	0.37	860	74.1	74.1	72.6	0.68	0.75	0.72	0.69	2.78	1.9	2.0	4.0
KE4-801-6	0.37	0.5	895	78.0	78.0	76.4	0.70	1.03	0.98	0.94	3.95	1.9	2.0	4.7
KE4-802-6	0.55	0.75	895	80.9	80.9	79.3	0.72	1.43	1.36	1.31	5.87	1.9	2.1	4.7
KE4-90S-6	0.75	1	950	82.7	82.7	81.0	0.71	1.94	1.84	1.78	7.54	2.0	2.1	6.0
KE4-90L-6	1.1	1.5	955	84.5	84.5	82.8	0.73	2.71	2.57	2.48	11.0	2.0	2.1	6.0
KE4-100L-6	1.5	2	960	85.9	85.9	84.2	0.73	3.63	3.45	3.33	14.9	2.0	2.1	6.5
KE4-112M-6	2.2	3	965	87.4	87.4	85.7	0.74	5.17	4.91	4.73	21.8	2.0	2.1	6.6
KE4-132S-6	3	4	970	88.6	88.6	86.8	0.74	6.95	6.6	6.37	29.5	2.0	2.1	6.8
KE4-132M1-6	4	5.5	975	89.5	89.5	87.7	0.74	9.18	8.72	8.4	39.2	2.0	2.1	6.8
KE4-132M2-6	5.5	7.5	975	90.5	90.5	88.7	0.75	123	11.7	11.3	53.9	2.0	2.1	7.0
KE4-160M-6	7.5	10	980	91.3	91.3	89.5	0.79	15.8	15	14.5	73.1	2.0	2.1	7.0
KE4-160L-6	11	15	980	92.3	92.3	90.5	0.80	22.6	21.5	20.7	107.2	2.0	2.1	7.2
KE4-180L-6	15	20	985	92.9	92.9	91.0	0.81	30.3	28.8	27.7	145.4	2.0	2.1	7.3
KE4-200L1-6	18.5	25	985	93.4	93.4	91.5	0.81	37.2	35.3	34	179.4	2.0	2.1	7.3
KE4-200L2-6	22	30	985	93.7	93.7	91.8	0.81	44	41.8	40.3	213.3	2.0	2.1	7.4
KE4-225M-6	30	40	990	94.2	94.2	92.3	0.83	58.3	55.4	53.4	289.4	2.0	2.1	6.9
KE4-250M-6	37	50	990	94.5	94.5	92.6	0.84	70.8	67.3	64.8	356.9	2.0	2.1	7.1
KE4-280S-6	45	60	990	94.8	94.8	92.9	0.85	84.8	80.6	77.7	434.1	2.0	2.0	7.3
KE4-280M-6	55	75	990	95.1	95.1	93.2	0.86	102	97.1	93.6	530.6	2.0	2.0	7.3
KE4-315S-6	75	100	990	95.4	95.4	93.5	0.84	142	135	130	723.5	2.0	2.0	6.6
KE4-315M-6	90	125	990	95.6	95.6	93.7	0.85	168	160	154	868.2	2.0	2.0	6.7
KE4-315L1-6	110	150	990	95.8	95.8	93.9	0.85	205	195	188	1061	2.0	2.0	6.7
KE4-315L2-6	132	180	990	96.0	96.0	94.1	0.86	243	231	222	1273	2.0	2.0	6.8
KE4-355M1-6	160	200	990	96.2	96.2	94.3	0.86	294	279	269	1543	1.8	2.0	6.8
KE4-355M2-6	200	270	990	96.3	96.3	94.4	0.87	363	345	332	1929	1.8	2.0	6.8
KE4-355L-6	250	340	990	96.5	96.5	94.6	0.87	452	430	414	2412	1.8	2.0	6.8



高效电动机
HIGH EFFICIENCY MOTOR

KE4 (IE4) 技术参数 TECHNICAL DATA 50HZ

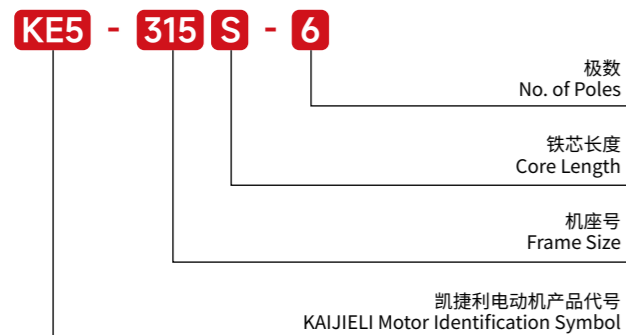
型号 Type No.	额定功率 Rated output		额定转速 Rated speed (r/min)	效率 Efficiency η% (IE4)	效率 75% 负载 Efficiency at 75% load	效率 50% 负载 Efficiency at 50% load	功率因数 Power factor cosΦ	额定电流 Rated current(A)			额定转矩 Rated Torque (N.m)	堵转转矩 额定转矩 Ts/Tn	最大转矩 额定转矩 Tmax/Tn	堵转电流 额定电流 Is/In
	kW	HP						380V	400V	415V				
SPEED 750RPM 8-POLE														
KE4-712-8	0.12	0.18	610	62.3	62.3	61.1	0.57	0.51	0.49	0.47	1.88	1.8	1.9	2.8
KE4-801-8	0.18	0.25	655	67.2	67.2	65.9	0.61	0.67	0.63	0.61	2.62	1.8	1.9	3.3
KE4-802-8	0.25	0.37	655	70.8	70.8	69.4	0.61	0.88	0.84	0.81	3.65	1.8	1.9	3.3
KE4-90S-8	0.37	0.5	680	74.3	74.3	72.8	0.61	1.24	1.18	1.14	5.2	1.8	1.9	4.0
KE4-90L-8	0.55	0.75	680	77.0	77.0	75.5	0.61	1.78	1.69	1.63	7.72	1.8	2.0	4.0
KE4-100L1-8	0.75	1	700	78.4	78.4	76.8	0.67	2.17	2.06	1.99	10.2	1.8	2.0	4.0
KE4-100L2-8	1.1	1.5	700	80.8	80.8	79.2	0.69	3	2.85	2.74	15.0	1.8	2.0	5.0
KE4-112M-8	1.5	2	710	82.6	82.6	80.9	0.70	3.94	3.74	3.61	20.2	1.8	2.0	5.0
KE4-132S-8	2.2	3	720	84.5	84.5	82.8	0.71	5.57	5.29	5.1	29.2	1.8	2.0	6.0
KE4-132M-8	3	4	720	85.9	85.9	84.2	0.73	7.27	6.91	6.66	39.8	1.8	2.0	6.0
KE4-160M1-8	4	5.5	730	87.1	87.1	85.4	0.73	9.56	9.08	8.75	52.3	1.9	2.0	6.0
KE4-160M2-8	5.5	7.5	730	88.3	88.3	86.5	0.74	12.8	12.1	11.7	72.0	1.9	2.0	6.0
KE4-160L-8	7.5	10	730	89.3	89.3	87.5	0.75	17	16.2	15.6	98.1	1.9	2.0	6.0
KE4-180L-8	11	15	735	90.4	90.4	88.6	0.75	24.7	23.4	22.6	142.9	2.0	2.0	6.5
KE4-200L-8	15	20	735	91.2	91.2	89.4	0.76	32.9	31.2	30.1	194.9	2.0	2.0	6.6
KE4-225S-8	18.5	25	735	91.7	91.7	89.9	0.76	40.3	38.2	36.9	240.4	1.9	2.0	6.6
KE4-225M-8	22	30	735	92.1	92.1	90.3	0.78	46.5	44.2	42.6	285.9	1.9	2.0	6.6
KE4-250M-8	30	40	735	92.7	92.7	90.8	0.79	62.2	59.1	57	389.8	1.9	2.0	6.5
KE4-280S-8	37	50	740	93.1	93.1	91.2	0.79	76.4	72.6	70	477.5	1.9	2.0	6.6
KE4-280M-8	45	60	740	93.4	93.4	91.5	0.79	92.7	88	84.8	580.7	1.9	2.0	6.6
KE4-315S-8	55	75	740	93.7	93.7	91.8	0.81	110	105	101	709.8	1.8	2.0	6.6
KE4-315M-8	75	100	740	94.2	94.2	92.3	0.81	149	142	137	967.9	1.8	2.0	6.2
KE4-315L1-8	90	125	740	94.4	94.4	92.5	0.82	177	168	162	1161	1.8	2.0	6.4
KE4-315L2-8	110	150	740	94.7	94.7	92.8	0.82	215	204	197	1420	1.8	2.0	6.4
KE4-355M1-8	132	180	740	94.9	94.9	93.0	0.82	258	245	236	1704	1.8	2.0	6.4
KE4-355M2-8	160	220	740	95.1	95.1	93.2	0.82	312	296	285	2065	1.8	2.0	6.4
KE4-355L-8	200	270	740	95.4	95.4	93.5	0.83	384	365	351	2581	1.8	2.0	6.4

KE5 (IE5)

系列超超高效三相异步电动机 Series Super Premium Efficiency Three-Phase Asynchronous Motor



型号说明 TYPE DEFINITION



KE5 (IE5) 技术参数 TECHNICAL DATA 50HZ

型号 Type No.	额定功率 Rated output		额定转速 Rated speed (r/min)	效率 Efficiency η% (IE5)	效率 75% 负载 Efficiency at 75% load	效率 50% 负载 Efficiency at 50% load	功率因数 Power factor cosφ	额定电流 Rated current(A)			额定转矩 Rated Torque (N.m)	堵转转矩 额定转矩 Ts/Tn	最大转矩 额定转矩 Tmax/Tn	堵转电流 额定电流 Is/In
	kW	HP						380V	400V	415V				
SPEED 3000RPM 2-POLE														
KE5-631-2	0.18	0.25	2745	75.2	75.2	73.7	0.8	0.45	0.43	0.42	0.63	2.2	2.2	5.5
KE5-632-2	0.25	0.37	2745	78.3	78.3	76.7	0.81	0.6	0.57	0.55	0.87	2.2	2.2	5.5
KE5-711-2	0.37	0.5	2765	81.7	81.7	80.1	0.81	0.85	0.81	0.78	1.28	2.2	2.2	6.1
KE5-712-2	0.55	0.75	2765	84.6	84.6	82.9	0.82	1.2	1.14	1.1	1.9	2.3	2.3	6.1
KE5-801-2	0.75	1	2910	86.3	86.3	84.6	0.82	1.61	1.53	1.47	2.46	2.3	2.3	8.5
KE5-802-2	1.1	1.5	2920	87.8	87.8	86.0	0.83	2.29	2.18	2.1	3.6	2.2	2.3	8.5
KE5-90S-2	1.5	2	2930	88.9	88.9	87.1	0.84	3.05	2.9	2.79	4.89	2.2	2.3	9.0
KE5-90L-2	2.2	3	2930	90.2	90.2	88.4	0.85	4.36	4.14	3.99	7.17	2.2	2.3	9.0
KE5-100L-2	3	4	2935	91.1	91.1	89.3	0.87	5.75	5.46	5.27	9.76	2.2	2.3	9.5
KE5-112M-2	4	5.5	2940	91.8	91.8	90.0	0.88	7.52	7.15	6.89	13.0	2.2	2.3	9.5
KE5-132S1-2	5.5	7.5	2945	92.6	92.6	90.7	0.88	10.3	9.7	9.39	17.8	2.0	2.3	9.5
KE5-132S2-2	7.5	10	2950	93.3	93.3	91.4	0.88	13.9	13.2	12.7	24.3	2.0	2.3	9.5
KE5-160M1-2	11	15	2960	94.0	94.0	92.1	0.89	20	19	18.3	35.5	2.0	2.3	9.5
KE5-160M2-2	15	20	2960	94.5	94.5	92.6	0.89	27.1	25.7	24.8	48.4	2.0	2.3	9.5
KE5-160L-2	18.5	25	2960	94.9	94.9	93.0	0.89	33.3	31.6	30.5	59.7	2.0	2.3	9.5
KE5-180M-2	22	30	2965	95.1	95.1	93.2	0.89	39.5	37.5	36.2	70.9	2.0	2.3	9.5
KE5-200L1-2	30	40	2970	95.5	95.5	93.6	0.89	53.6	50.9	49.1	96.5	2.0	2.3	9.0
KE5-200L2-2	37	50	2970	95.8	95.8	93.9	0.89	65.9	62.6	60.4	119	2.0	2.3	9.0
KE5-225M-2	45	60	2975	96.0	96.0	94.1	0.9	79.1	75.2	72.5	144.5	2.0	2.3	9.0
KE5-250M-2	55	75	2975	96.2	96.2	94.3	0.9	96.5	91.7	88.4	176.6	2.0	2.3	9.0
KE5-280S-2	75	100	2980	96.5	96.5	94.6	0.9	131	125	120	240.4	1.8	2.3	3.5
KE5-280M-2	90	125	2982	96.6	96.6	94.7	0.9	157	149	144	288.2	1.8	2.3	8.5
KE5-315S-2	110	150	2980	96.8	96.8	94.9	0.9	192	182	176	352.5	1.8	2.3	8.5
KE5-315M-2	132	180	2980	96.9	96.9	95.0	0.9	230	218	211	423	1.8	2.3	8.5
KE5-315L1-2	160	220	2980	97.0	97.0	95.1	0.91	275	262	252	512.8	1.8	2.3	8.5
KE5-315L2-2	200	270	2980	97.2	97.2	95.3	0.91	344	326	315	640.9	1.8	2.2	8.5
KE5-355M-2	250	340	2985	97.2	97.2	95.3	0.91	429	408	393	799.8	1.6	2.2	8.5
KE5-355L-2	315	430	2982	97.2	97.2	95.3	0.91	541	514	495	1009	1.6	2.2	8.5
SPEED 1500RPM 4-POLE														
KE5-631-4	0.12	0.18	1340	74.3	74.3	72.8	0.72	0.34	0.32	0.31	0.86	2.1	2.2	4.4
KE5-632-4	0.18	0.25	1340	78.7	78.7	77.1	0.73	0.48	0.45	0.44	1.28	2.1	2.2	4.4
KE5-711-4	0.25	0.37	1355	81.5	81.5	79.9	0.74	0.63	0.6	0.58	1.76	2.1	2.2	5.2
KE5-712-4	0.37	0.5	1355	84.3	84.3	82.6	0.75	0.89	0.84	0.81	2.61	2.1	2.2	5.2
KE5-801-4	0.55	0.75	1420	86.7	86.7	85.0	0.75	1.29	1.22	1.18	3.7	2.4	2.3	5.2
KE5-802-4	0.75	1	1430	88.2	88.2	86.4	0.75	1.72	1.64	1.58	5.01	2.3	2.3	8.5
KE5-90S-4	1.1	1.5	1445	89.5	89.5	87.7	0.76	2.46	2.33	2.25	7.27	2.3	2.3	8.5
KE5-90L-4	1.5	2	1450	90.4	90.4	88.6	0.77	3.27	3.11	3	9.88	2.3	2.3	9.0
KE5-100L1-4	2.2	3	1455	91.4	91.4	89.6	0.81	4.51	4.29	4.13	14.4	2.3	2.3	9.0
KE5-100L2-4	3	4	1455	92.1	92.1	90.3	0.82	6.04	5.73	5.53	19.7	2.3	2.3	9.5
KE5-112M-4	4	5.5	1460	92.8	92.8	90.9	0.82	7.99	7.59	7.31	26.2	2.2	2.3	9.5
KE5-132S-4	5.5	7.5	1470	93.4	93.4	91.5	0.83	10.8	10.2	9.87	35.7	2.0	2.3	9.5
KE5-132M-4	7.5	10	1470	94.0	94.0	92.1	0.84	14.4	13.7	13.2	48.7	2.0	2.3	9.5
KE5-160M-4	11	15	1475	94.6	94.6	92.7	0.85	20.8	19.7	19	71.2	2.2	2.3	9.5
KE5-160L-4	15	20	1475	95.1	95.1	93.2	0.86	27.9	26.5	25.5	97.1	2.2	2.3	9.5
KE5-180M-4	18.5	25	1480	95.3	95.3	93.4	0.86	34.3	32.6	31.4	119.4	2.0	2.3	9.5
KE5-180L-4	22	30	1480	95.5	95.5	93.6	0.86	40.7	38.7	37.3	142	2.0	2.3	9.5
KE5-200L-4	30	40	1480	95.9	95.9	94.0	0.86	55.3	52.5	50.6	193.6	2.0	2.3	9.0
KE5-225S-4	37	50	1485	96.1	96.1	94.2	0.86	68.0	64.6	62.3	237.9	2.0	2.3	9.0
KE5-225M-4	45	60	1485	96.3	96.3	94.4	0.86	82.6	78.4	75.6	289.4	2.0	2.3	9.0
KE5-250M-4	55	75	1485	96.5	96.5	94.6	0.86	101	95.7	92.2	353.7	2.2	2.3	9.0
KE5-280S-4	75	100	1490	96.7	96.7	94.8	0.88	134	127	123	480.7	2.0	2.3	8.5
KE5-280M-4	90	125	1490	96.9	96.9	95.0	0.88	160	152	147	576.8	2.0	2.3	8.5
KE5-315S-4	110	150	1490	97.0	97.0	95.1	0.89	194	184	177	705	2.0	2.2	8.5
KE5-315M-4	132	180	1490	97.1	97.1	95.2	0.89	232	220	212	846	2.0	2.2	8.5
KE5-315L1-4	160	220	1490	97.2	97.2	95.3	0.89	281	267	257	1026	2.0	2.2	8.5
KE5-315L2-4	200	270	1490	97.4	97.4	95.5	0.9	347	329	317	1282	2.0	2.2	8.5
KE5-355M-4	250	340	1490	97.4	97.4	95.5	0.9	433	412	397	1602	2.0	2.2	8.5
KE5-355L-4	315	430	1490	97.4	97.4	95.5	0.9	546	519	500	2019	2.0	2.2	8.5



高效电动机
HIGH EFFICIENCY MOTOR

KE5 (IE5) 技术参数 TECHNICAL DATA 50HZ

型号 Type No.	额定功率 Rated output		额定转速 Rated speed (r/min)	效率 Efficiency η% (IE5)	效率 75% 负载 Efficiency at 75% load	效率 50% 负载 Efficiency at 50% load	功率因数 Power factor cosΦ	额定电流 Rated current(A)			额定转矩 Rated Torque (N.m)	堵转转矩 额定转矩 Ts/Tn	最大转矩 额定转矩 Tmax/Tn	堵转电流 额定电流 Is/In
	kW	HP						380V	400V	415V				
SPEED 1000RPM 6-POLE														
KE5-632-6	0.12	0.18	860	69.8	69.8	68.4	0.6	0.44	0.41	0.4	1.33	1.8	1.9	3.5
KE5-711-6	0.18	0.25	860	74.6	74.6	73.1	0.66	0.56	0.53	0.51	2.0	1.9	2.0	4.0
KE5-712-6	0.25	0.37	860	78.1	78.1	76.5	0.68	0.72	0.68	0.65	2.78	1.9	2.0	4.0
KE5-801-6	0.37	0.5	895	81.6	81.6	80.0	0.7	0.98	0.93	0.9	3.95	1.9	2.0	4.7
KE5-802-6	0.55	0.75	895	84.2	84.2	82.5	0.72	1.38	1.31	1.26	5.87	1.9	2.1	4.7
KE5-90S-6	0.75	1	950	85.7	85.7	84.0	0.71	1.87	1.78	1.71	7.54	2.0	2.1	7.5
KE5-90L-6	1.1	1.5	955	87.2	87.2	85.5	0.73	2.63	2.49	2.4	11.0	2.0	2.1	7.5
KE5-100L-6	1.5	2	960	88.4	88.4	86.6	0.73	3.53	3.36	3.23	14.9	2.0	2.1	7.5
KE5-112M-6	2.2	3	965	89.7	89.7	87.9	0.74	5.04	4.78	4.61	21.8	2.0	2.1	7.5
KE5-132S-6	3	4	970	90.6	90.6	88.8	0.74	6.8	6.46	6.23	29.5	2.0	2.1	7.5
KE5-132M1-6	4	5.5	975	91.4	91.4	89.6	0.74	8.99	8.54	8.23	39.2	2.0	2.1	8.0
KE5-132M2-6	5.5	7.5	975	92.2	92.2	90.4	0.75	12.1	11.5	11.1	53.9	2.0	2.1	8.0
KE5-160M-6	7.5	10	980	92.9	92.9	91.0	0.79	15.5	14.8	14.2	73.1	2.0	2.1	8.0
KE5-160L-6	11	15	980	93.7	93.7	91.8	0.8	22.3	21.2	20.4	107.2	2.0	2.1	8.5
KE5-180L-6	15	20	985	94.3	94.3	92.4	0.81	29.8	28.3	27.3	145.4	2.0	2.1	8.5
KE5-200L1-6	18.5	25	985	94.6	94.6	92.7	0.81	36.7	34.8	33.6	179.4	2.0	2.1	8.5
KE5-200L2-6	22	30	985	94.9	94.9	93.0	0.81	43.5	41.3	39.8	2133	2.0	2.1	8.5
KE5-225M-6	30	40	990	95.3	95.3	93.4	0.83	57.6	54.7	52.8	289.4	2.0	2.1	8.3
KE5-250M-6	37	50	990	95.6	95.6	93.7	0.84	70	66.5	64.1	356.9	2.0	2.1	8.3
KE5-280S-6	45	60	990	95.8	95.8	93.9	0.85	84	79.8	76.9	434.1	2.0	2.0	8.5
KE5-280M-6	55	75	990	96.0	96.0	94.1	0.86	101	96.2	92.7	530.6	2.0	2.0	8.5
KE5-315S-6	75	100	990	96.3	96.3	94.4	0.84	141	134	129	723.5	2.0	2.0	8.0
KE5-315M-6	90	125	990	96.5	96.5	94.6	0.85	167	158	153	868.2	2.0	2.0	8.0
KE5-315L1-6	110	150	990	96.6	96.6	94.7	0.85	204	193	186	1061	2.0	2.0	8.0
KE5-315L2-6	132	180	990	96.8	96.8	94.9	0.86	241	229	221	1273	2.0	2.0	8.0
KE5-355M1-6	160	220	990	96.9	96.9	95.0	0.86	292	277	267	1543	1.8	2.0	8.0
KE5-355M2-6	200	270	990	97.0	97.0	95.1	0.87	360	342	330	1929	1.8	2.0	8.0
KE5-355L-6	250	340	990	97.0	97.0	95.1	0.87	450	428	412	2412	1.8	2.0	8.0



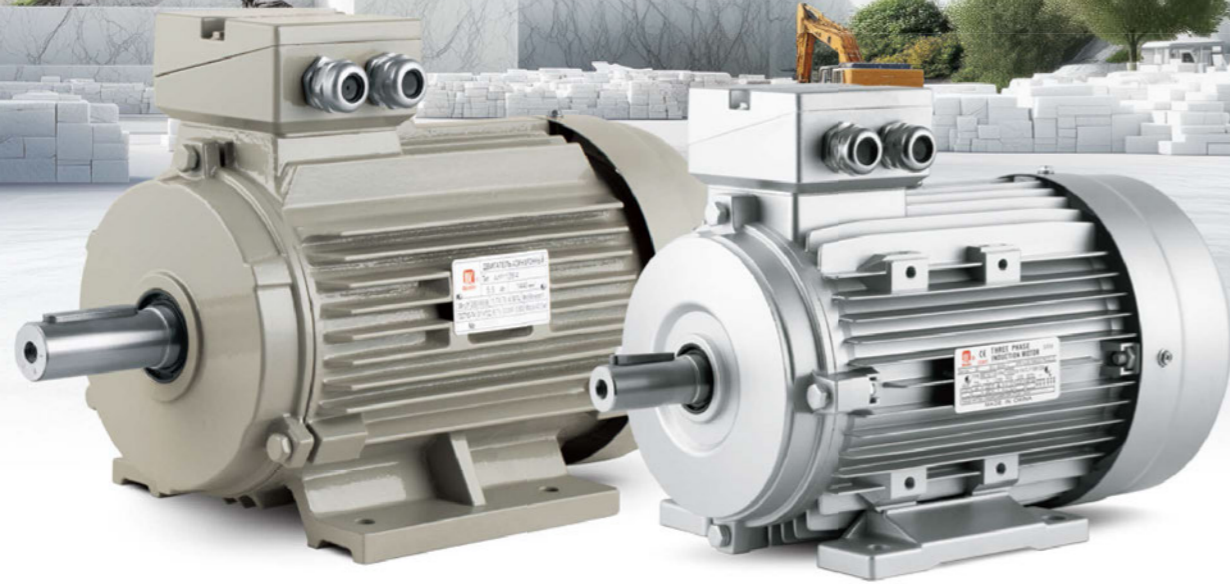
高效电动机
HIGH EFFICIENCY MOTOR

KE5 (IE5) 技术参数 TECHNICAL DATA 50HZ

型号 Type No.	额定功率 Rated output		额定转速 Rated speed (r/min)	效率 Efficiency η% (IE5)	效率 75% 负载 Efficiency at 75% load	效率 50% 负载 Efficiency at 50% load	功率因数 Power factor cosΦ	额定电流 Rated current(A)			额定转矩 Rated Torque (N.m)	堵转转矩 额定转矩 Ts/Tn	最大转矩 额定转矩 Tmax/Tn	堵转电流 额定电流 Is/In
	kW	HP						380V	400V	415V				
SPEED 750RPM 8-POLE														
KE5-712-8	0.12	0.18	610	67.4	67.4	66.1	0.57	0.47	0.45	0.43	1.88	1.8	1.9	2.8
KE5-801-8	0.18	0.25	655	71.9	71.9	70.5	0.61	0.62	0.59	0.57	2.62	1.8	1.9	3.3
KE5-802-8	0.25	0.37	655	75.2	75.2	73.7	0.61	0.83	0.79	0.76	3.65	1.8	1.9	3.3
KE5-90S-8	0.37	0.5	680	78.4	78.04	76.8	0.61	1.18	1.12	1.08	5.2	1.8	1.9	4.0
KE5-90L-8	0.55	0.75	680	80.6	80.6	79.0	0.61	1.7	1.61	1.56	7.72	1.8	2.0	4.0
KE5-100L1-8	0.75	1	700	82.0	82.0	80.4	0.67	2.07	1.97	1.9	10.2	1.8	2.0	7.0
KE5-100L2-8	1.1	1.5	700	84.0	84.0	82.3	0.69	2.88	2.74	2.64	15.0	1.8	2.0	7.0
KE5-112M-8	1.5	2	710	85.5	85.5	83.8	0.7	3.81	3.62	3.49	20.2	1.8	2.0	7.0
KE5-132S-8	2.2	3	720	87.2	87.2	85.5	0.71	5.4	5.13	4.94	29.2	1.8	2.0	7.5
KE5-132M-8	3	4	720	88.4	88.4	86.6	0.73	7.06	6.71	6.47	39.8	1.8	2.0	7.8
KE5-160M1-8	4	5.5	730	89.4	89.4	87.6	0.73	9.31	8.85	8.53	523	1.9	2.0	7.9
KE5-160M2-8	5.5	7.5	730	90.4	90.4	88.6	0.74	12.5	11.9	11.4	72.0	1.9	2.0	8.1
KE5-160L-8	7.5	10	730	91.3	91.3	89.5	0.75	16.6	15.8	15.2	98.1	1.9	2.0	7.8
KE5-180L-8	11	15	735	92.2	92.2	90.4	0.75	24.2	23	22.1	142.9	2.0	2.0	7.9
KE5-200L-8	15	20	735	92.9	92.9	91.0	0.76	32.3	30.7	29.6	194.9	2.0	2.0	8.0
KE5-225S-8	18.5	25	735	93.3	93.3	91.4	0.76	39.6	37.7	36.3	240.4	1.9	2.0	8.1
KE5-225M-8	22	30	735	93.6	93.6	91.7	0.78	45.8	43.5	41.9	285.9	1.9	2.0	8.3
KE5-250M-8	30	40	735	94.1	94.1	91.7	0.79	61.3	58.2	56.1	389.8	1.9	2.0	7.9
KE5-280S-8	37	50	740	94.4	94.4	92.2	0.79	75.4	71.6	69	477.5	1.9	2.0	7.9
KE5-280M-8	45	60	740	94.7	94.7	92.5	0.79	91.4	86.8	83.7	580.7	1.9	2.0	7.9
KE5-315S-8	55	75	740	94.9	94.9	92.8	0.81	109	103	99.5	709.8	1.8	2.0	8.2
KE5-315M-8	75	100	740	95.3	95.3	93.4	0.81	148	140	135	967.9	1.8	2.0	7.6
KE5-315L1-8	90	125	740	95.5	95.5	93.6	0.82	175	166	160	1161	1.8	2.0	7.7
KE5-315L2-8	110	150	740	95.7	95.7	93.8	0.82	213	202	195	1420	1.8	2.0	7.7
KE5-355M1-8	132	180	740	95.9	95.9	94.0	0.82	255	242	234	1704	1.8	2.0	7.7
KE5-355M2-8	160	220	740	96.1	96.1	94.2	0.82	308	293	282	2065	1.8	2.0	7.7
KE5-355L-8	200	270	740	96.3	96.3	94.4	0.83	380	361	348	2581	1.8	2.0	7.8

AIP | GOST 标准 СТАНДАРТ ГОСТ

系列三相异步电动机 Трехфазные асинхронные электродвигатели



铁壳系列
Cast iron housing series

铝壳系列
Aluminum housing series

总体描述 ОБЩЕЕ ОПИСАНИЕ

AIP 电机, 是我司针对东欧市场推出的标准电机。AIP 电机 (GOST 标准) 系列基本为 1000V 以下, 50Hz 或 60Hz, 采用 S1 工作制, 机座号从 H71-H355, 级数为 2P, 4P, 6P, 8P 电机, 功率范围 0.75KW-375KW。

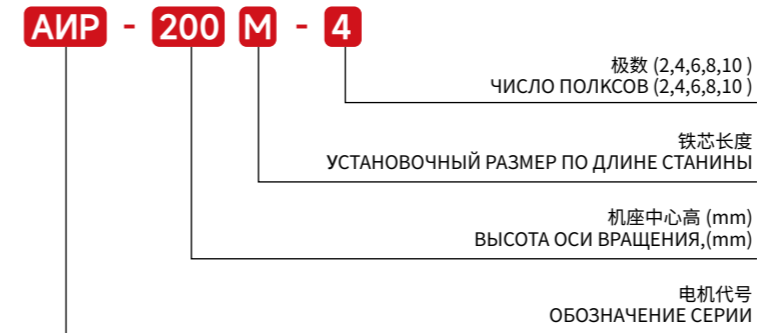
AIP 电机是采用优质材料进行最新式整体设计, 具有性能好, 噪音低, 振动小, 运行安全可靠等优点。电机可广泛应用于水泵, 风机, 机床, 减速机, 包装机械, 矿山机械, 建筑机械等各类传动机械专业。

Двигатели AIP - это наши стандартные двигатели для восточноевропейского рынка. Двигатели серии AIP являются стандартными двигателями для восточноевропейского рынка. Двигатели серии AIP (ГОСТ стандарт) основное требование ниже 1000В, 50HZ или 60HZ, принимая S1 рабочей системы, с количеством шасси от H71-H355, количество ступеней 2P, 4P, 6P, 8P двигателей, и диапазон мощности 0.75KW-375KW. Двигатели AIP изготовлены из высококачественных материалов с новейшей общей конструкции,

которые имеют преимущества хорошей производительности, низкого шума, низкой вибрации, безопасной и надежной работы. Новейший дизайн, хорошая производительность, низкий уровень шума, низкая вибрация, безопасная и надежная работа и другие преимущества. Двигатели могут широко использоваться в насосах, вентиляторах, станках, редукторах, упаковочном оборудовании, горном оборудовании, строительной технике и других типах передаточных механизмов.



型号说明 КОДИРОВКА НАИМЕНОВАНИЯ



轴承规格

Модель подшипника

机座号范围 Габарит двигателя	极数 Количество полюсов	轴伸端 На нагруженной цапфе вала		非轴伸端 На ненагруженной цапфе вала
		IMB3/IM1081/IM1001	IMB5/IM3081/IM3001	
71	2, 4, 6	6204 ZZ-C3	6204 ZZ-C3	6202 ZZ-C3
80	2, 4, 6, 8	6205 ZZ-C3	6205 ZZ-C3	6204 ZZ-C3
90	2, 4, 6, 8	6205 ZZ-C3	6205 ZZ-C3	6205 ZZ-C3
100	2, 4, 6, 8	6206 ZZ-C3	6206 ZZ-C3	6206 ZZ-C3
112	2, 4, 6, 8	6208 ZZ-C3	6208 ZZ-C3	6206 ZZ-C3
132	2, 4, 6, 8	6308 ZZ-C3	6308 ZZ-C3	6208 ZZ-C3
160	2 4, 6, 8	6309-C3 6310-C3	6309-C3 6310-C3	6309-C3 6309-C3
180	2 4, 6, 8	6311-C3 6312-C3	6311-C3 6312-C3	6311-C3 6311-C3
200	2 4, 6, 8	6312-C3 6313-C3	6312-C3 6313-C3	6312-C3 6312/6313-C3
225	2 4, 6, 8	6313-C3 6314-C3	6313-C3 6314-C3	6313-C3 6313-C3
250	2 4, 6, 8	6314-C3 6316-C3	6314-C3 6316-C3	6314-C3 6314-C3
280	2 4, 6, 8	NU217-C3 NU317-C3	NU217-C3 NU317-C3	6314-C3 6317-C3
315	2 4, 6, 8	NU217-C3 NU319-C3	NU217-C3 NU319-C3	6317-C3 6319-C3
335	2 4, 6, 8	NU219-C3 NU322-C3	NU219-C3 NU322-C3	6319-C3 6322-C3

接线盒出线孔

Параметры отверстия для силового кабеля

接线盒分档 № п/п	电机规格 Габарит двигателя	最大满载电流 Мах. ток под нагрузкой	出线孔尺寸 Размер отверстия для кабельного ввода
1	H71-80	2.6	1×PG16 1×M20×1.5
2	H90-100	6.8	1×PG16 1×M20×1.5
3	H112-132	15.4	2×PG21 2×M32×1.5
4	H160-180	42.5	2×PG29 2×M40×1.5
5	H200-225	84.2	2×PG36 2×M50×1.5
6	H250-280	166.6	2×PG42 2×M63×1.5
7	H315	358	2×PG48 2×M63×1.5
8	H355	546	2×PG48 2×M63×1.5

YC

系列大马力单相电容启动异步电动机
Series Heavy-duty Single-phase Capacitor Start Induction Motor

YCL

系列大马力单相电容启动运转异步电动机
Series Heavy-duty Single-phase Capacitor Start and Run Induction Motor



总体描述 GENERAL DESCRIPTION

YC 系列大马力单相电动机适用于驱动小型车床、水泵，对只有单相电源的家庭、作坊尤为适用。该系列电动机采用先进技术设计，使用优质材料制造，具有外形美观、性能先进、维护方便、运行可靠的特点，符合 IEC 标准的有关规定。
YC 系列电动机为全封闭扇冷式，输出功率 3HP 及以下采用电容启动，在额定电压下 50HZ 时启动转矩大于 3 倍，60HZ 时大于 2.75 倍，输出功率 4HP 及以上采用电容启动、运转，集中了启动转矩大、运转平稳、温升低、噪声小、过载能力强等优点。
YCL 工业系列大马力单相电容启动运转异步电动机、适用于驱动小型车床水泵对只有单相电源的家庭作坊尤为适用。该系列电动机采用先进技术设计，使用优质材料制造具有外形美观、性能先进、维护方便、运行可靠、温升低、噪声小，启动电流小，启动转矩大等特点，符合 IEC 标准有关规定。
YCL 系列电机的外形与 YC 电机相同，与 YC 系列电机同点功率相比，YCL 系列电机的温升平均降低 8.74K，效率增加 4.21%，功率因数增加 0.16。

YC series heavy-duty single-phase motors are suitable for small size machine tools and water pumps, especially suitable for family workshops where only single-phase power be supplied. This series motors are designed with the latest technology, manufactured with the quality materials, have following features: good performance, safe and reliable operation, nice appearance, convenient maintenance, meet the IEC standards.
YC series motors are of IP44 totally enclosed fan-cooled (TEFC) type, capacitor starting for rated output up to 3HP, on rated voltage and 50Hz, the starting torque is three times more than the rated torque while 60Hz is 2.75 times more. Capacitors start and run type for Motors 4HP and above, it have following features: high starting torque, smooth running, low temperature rise, low noise and greater

overload performance.
YCL series heavy-duty capacitor start and run, single phase induction motors are suitable for driving small-size turning machine, especially suitable for household and workshop where only need single-phase power be supplied. This series motors are designed with advanced technique and made of quality materials. It also have following features: low noise, low temperature rise, small starting current, high starting torque, reliable operation, easy maintenance and nice appearance, they also meet the relative standards of IEC.
YCL series motors are similar to YC series in appearance. Comparing with the same output of YC series motors, YCL series temperature rise be reduced 8.74k on average, efficiency be increased 4.21%, power factor be increased 0.16.

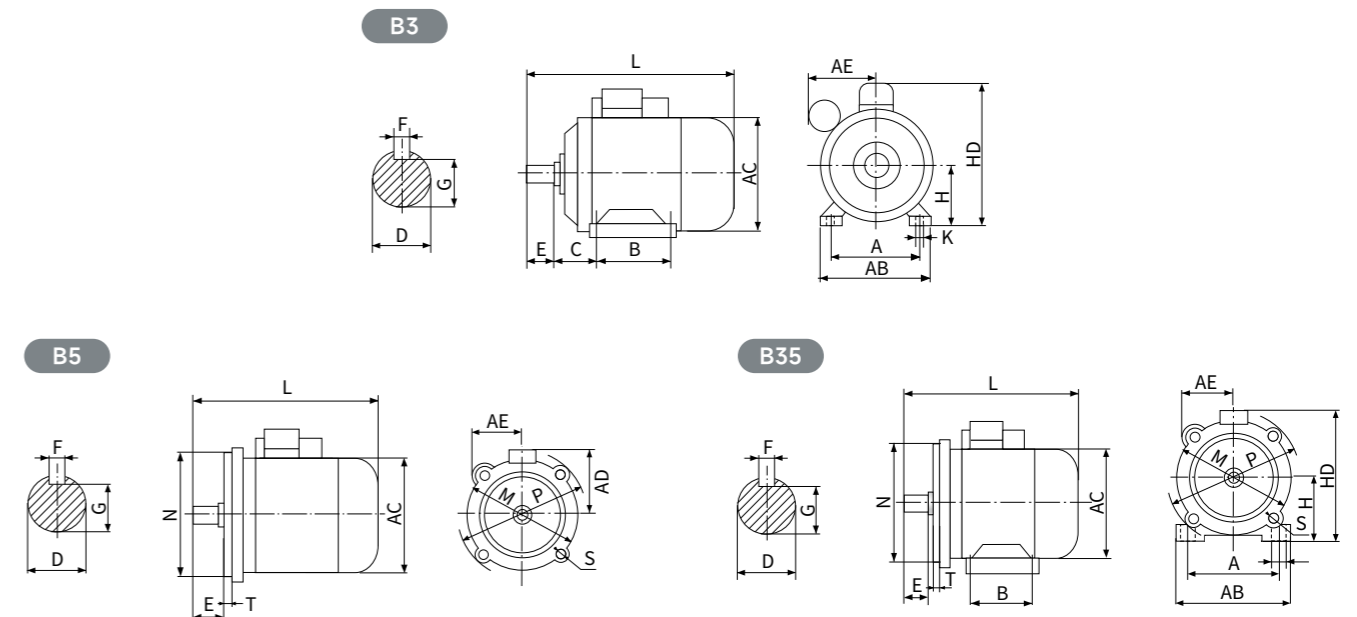
使用条件

- 环境空气温度: $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$
- 海拔: 不超过 1000 米
- 额定电压: 110V/115V/120V/220V/230V/240V
- 额定频率: 50HZ 或 60HZ
- 工作方法: 连续 (S1)
- 绝缘等级: B 级 /F 级 /H 级
- 防护等级: IP44、IP54
- 冷却方式: IC411

OPERATING CONDITIONS

- Ambient Temperature: $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$
- Altitude: up to 1000m above sea level
- Rated Voltage: 110V/115V/120V/220V/230V/240V
- Rated Frequency: 50HZ or 60HZ
- Duty Type: Continuous (S1)
- Insulation Class: B/F/H
- Protection Degree: IP44 or IP54
- Cooling Method: IC411

YC/YCL 安装及外形尺寸 MOUNTING AND OVERALL DIMENSIONS



机座号 Frame	安装尺寸 Mounting Dimensions (mm)														外形尺寸 Overall Dimensions (mm)					
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
71	112	90	45	14	30	5	11	71	7	130	110	160	0	10	3.5	145	145	140	180	255
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	160	165	150	200	295
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	160	240	370
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	160	240	400
100L	160	140	63	28	60	8	24	100	12	205	180	250	0	15	4	205	220	180	260	460
112M	190	140	70	28	60	8	24	112	12	205	180	250	0	15	4	245	250	190	300	455
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4	280	290	210	350	525
132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4	280	290	210	350	553

YC 技术参数 TECHNICAL DATA

型号 Type No.	功率 Output		电流 current (A)	功率因数 Power Factor	效率 Efficiency (%)	转速 Speed (r/min)	堵转转矩 额定转矩 Tstart/Tn	堵转电流 额定电流 Ist/In	最大转矩 额定转矩 Tmax/Tn
	kW	HP							
YC711-2	0.18	1/4	1.9	0.70	63.0	2800	3.0	6.5	2.0
YC712-2	0.25	1/3	2.4	0.72	65.0	2800	3.0	6.5	2.0
YC80A-2	0.37	1/2	3.5	0.74	66.0	2840	3.0	6.5	2.0
YC80B-2	0.55	3/4	5.04	0.74	67.0	2850	3.0	6.5	2.0
YC80C-2	0.75	1	6.68	0.75	68.0	2850	3.0	6.5	2.0
YC90S-2	1.1	1.5	8.93	0.80	70.0	2850	2.8	7.0	2.0
YC90L-2	1.5	2	11.4	0.82	73.0	2870	2.8	7.0	2.0
YC100L-2	2.2	3	16.5	0.82	74.0	2900	2.5	7.0	2.0
YC112M1-2	3	A	21.4	0.84	76.0	2900	2.2	7.0	2.0
YC112M2-2	3.7	5	24.8	0.86	79.0	2900	2.2	7.0	2.0
YC711-4	0.12	1/6	1.9	0.58	48.0	1400	3.0	6.0	2.0
YC712-4	0.18	1/4	2.7	0.60	50.0	1400	3.0	6.0	2.0
YC80A-4	0.25	1/3	3.52	0.62	52.0	1400	3.0	6.0	2.0
YC80B-4	0.37	1/2	4.69	0.64	56.0	1400	3.0	6.0	2.0
YC80C-4	0.55	3/4	6.0	0.65	60.0	1400	3.0	6.0	2.0
YC90S-4	0.75	1	7.5	0.72	63.0	1400	2.8	6.5	2.0
YC90L-4	1.1	1.5	10.4	0.72	67.0	1420	2.8	6.5	2.0
YC100L-4	1.5	2	13.0	0.73	72.0	1440	2.8	6.5	2.0
YC112M-4	2.2	3	18.5	0.74	73.0	1450	2.5	6.5	2.0
YC132S1-4	3	4	22.4	0.80	76.0	1450	2.2	6.5	2.0
YC132S2-4	3.7	5	26.0	0.82	79.0	1450	2.2	6.5	2.0

YCL 技术参数 TECHNICAL DATA

型号 Type No.	功率 Output		电流 current (A)	功率因数 Power Factor	效率 Efficiency (%)	转速 Speed (r/min)	堵转转矩 额定转矩 Tstart/ Tn	堵转电流 额定电流 Ist/In	最大转矩 额定转矩 Tmax/Tn
	kW	HP							
YCL90S-2	1.1	1.5	7.2	0.95	73.2	2880	2.8	6.0	1.8
YCL90L-2	1.5	2	8.9	0.97	76.0	2900	2.8	7.0	1.8
YCL100L-2	2.2	3	13.2	0.96	78.8	2900	3.0	6.5	1.8
YCL90S-4	0.75	1	5.0	0.93	73.3	1450	2.8	6.5	1.8
YCL90L-4	1.1	1.5	7.8	0.90	75.0	1450	2.5	6.0	1.8
YCL100L-4	1.5	2	9.3	0.92	79.4	1450	2.8	7.0	1.8
YCL112M-4	2.2	3	13.6	0.90	81.6	1450	2.3	6.5	1.8
YCL132S1-4	3.2	4	18.2	0.90	83.5	1450	2.1	6.5	1.8
YCL132S2-4	3.7	5	22.0	0.90	84.9	1450	2.1	6.5	1.8
YCL132M1-4	5.5	7.5	32.5	0.90	85.0	1460	2.0	6.5	1.8
YCL132M2-4	7.5	10	40.0	0.90	85.5	1460	2.0	6.0	1.8

因为各个国家的电压不同，技术数据将会有所改变。
Because the different voltage of each country, the technical data will be changed.

ML

系列单相双值电容铝壳异步电动机
Series Single-phase Asynchronous Aluminium
Housing Motor With Dual Capacitors



总体描述
GENERAL DESCRIPTION

ML 系列电动机适用于起动转矩大，高过载要求的场合。例如空气压缩机、泵、风扇、医疗仪器及小型机械等。

ML series motors concentrate the advantages of high starting torque and great overload performance. They are suitable for powering the equipment such as water pumps, air compressors, fan, medical devices and other small machines.

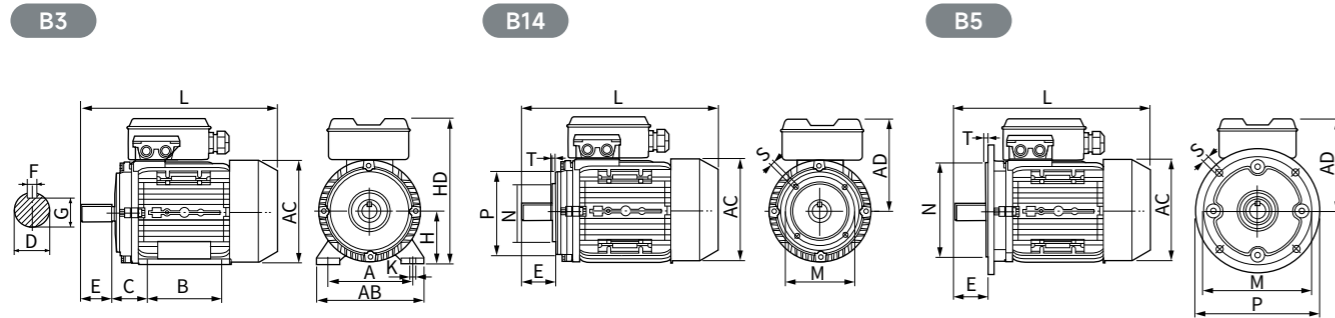
使用条件

- 配起动和运转双电容
- 外壳材料：铸铝（接线盒为塑料）
- 环境空气温度：-15°C ≤ θ ≤ 40°C
- 海拔：不超过 1000 米
- 额定电压：220V ± 5%，50Hz（按要求也可以生产 60Hz）
- 防护等级：IP54/IP55
- 绝缘等级：B/F 级
- 冷却方式：IC411
- 工作制：连续（S1）

OPERATING CONDITIONS

- With starting and running dual capacitors
- Housing Material: Aluminium (plastic terminal box)
- Ambient Temperature: -15°C ≤ θ ≤ 40°C
- Altitude: up to 1000m above sea level
- Rated Voltage: 220V ± 5%, 50Hz(60Hz is available on request)
- Protection Degree: IP54 or IP55
- Insulation Class: B/F
- Cooling Method: IC411
- Duty Type: Continuous (S1)

ML 安装及外形尺寸 MOUNTING AND OVERALL DIMENSIONS



机座号 Frame	安装尺寸 Mounting Dimensions (mm)									安装尺寸 Mounting Dimensions (mm) IMB14					安装尺寸 Mounting Dimensions (mm) IMB5					外形尺寸 Overall Dimensions						
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L
71	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	130	110	160	0	10	3.5	145	145	125	210	255
80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	3.0	165	130	200	0	12	3.5	160	165	135	240	295
90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	145	270	335
90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	145	270	360
100L	160	140	63	28	60	8	24	100	12	130	110	160	0	M8	3.5	215	180	250	0	15	4	205	215	170	280	380
112M	190	140	70	28	60	8	24	112	12	130	110	160	0	M8	3.5	215	180	250	0	15	4	245	240	180	310	400
132S	216	140	89	38	80	10	33	132	12	165	110	200	0	M10	3.5	265	230	300	0	15	4	280	275	195	325	475
132M	216	178	89	38	80	10	33	132	12	165	110	200	0	M10	3.5	265	230	300	0	15	4	280	275	195	325	515

ML 技术参数 TECHNICAL DATA

220V / 50Hz

型号 Type No.	功率 Output (kW)	电压 Voltage (V)	电流 current (A)	功率因数 Power Factor	效率 Efficiency (%)	转速 Speed (r/min)	堵转转矩 额定转矩 (倍数) Tstart/Tn (Times)	最大转矩 额定转矩 (倍数) Tmax/Tn (Times)	起动电流 Starting Current (A)
ML711-2	0.37	220	2.73	0.92	67	2800	2.3	1.8	16
ML712-2	0.55	220	3.88	0.92	70	2800	2.5	1.8	21
ML801-2	0.75	220	5.15	0.92	72	2800	2.5	1.8	30
ML802-2	1.10	220	7.02	0.95	75	2800	2.5	1.8	40
ML90S-2	1.50	220	9.44	0.95	76	2800	2.5	1.8	55
ML90L-2	2.20	220	13.67	0.95	77	2800	2.5	1.8	80
ML100L-2	3.00	220	18.2	0.95	79	2800	2.5	1.8	110
ML711-4	0.25	220	1.99	0.92	62	1400	2.5	1.8	12
ML712-4	0.37	220	2.81	0.92	65	1400	2.5	1.8	16
ML801-4	0.55	220	4.0	0.92	68	1400	2.5	1.8	21
ML802-4	0.75	220	5.22	0.92	71	1400	2.5	1.8	30
ML90S-4	1.10	220	7.2	0.95	73	1400	2.5	1.8	40
ML90L-4	1.50	220	9.57	0.95	75	1400	2.5	1.8	55
ML100L1-4	2.20	220	13.9	0.95	76	1400	2.5	1.8	80
ML100L2-4	3.00	220	18.6	0.95	77	1400	2.5	1.8	110
ML112M1-4	2.20	220	13.5	0.95	78	1450	2.2	1.8	81
ML112M2-4	3.00	220	18.2	0.95	79	1450	2.2	1.8	90.5
ML132S1-4	3.00	220	17.7	0.95	81	1460	2.1	1.8	94
ML132S2-4	3.70	220	21.9	0.95	81	1460	2.1	1.8	120
ML132M1-4	5.50	220	31.7	0.95	83	1460	2.1	1.8	175
ML132M2-4	7.50	220	43.2	0.95	83	1460	2.1	1.8	238

也可供应 110V/220V, 60Hz 电机。110V/220V, 60Hz models are available on request.

MY

系列电容运转单相铝壳异步电动机
Series Single-phase Asynchronous Aluminium
Housing Motor With Running Capacitor



总体描述
GENERAL DESCRIPTION

MY 系列电动机启动转矩低, 可长时间连续工作需求的场所, 适用于家用电器, 泵, 风扇, 及记录式仪表等设备上。

MY series motors are suitable for the occasion requiring low starting torque and long-term continuous working, such as home electric appliances, pumps, fans and recording meters, etc.

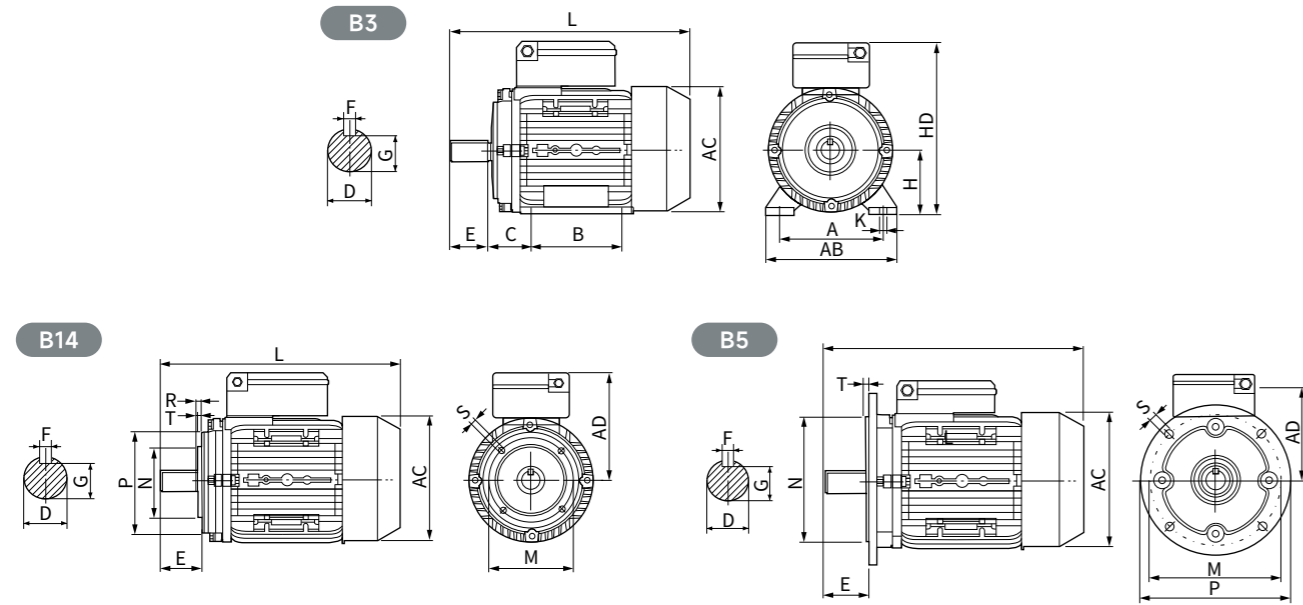
使用条件

- 配运转电容
- 外壳材料: 铸铝 (接线盒为塑料)
- 环境空气温度: $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$
- 海拔: 不超过 1000 米
- 额定电压: $220\text{V} \pm 5\%$, 50Hz (按要求也可以生产 60Hz)
- 防护等级: IP54/IP55
- 绝缘等级: B/F 级
- 冷却方式: IC411
- 工作制: 连续 (S1)

OPERATING CONDITIONS

- With running dual capacitors
- Housing Material: Aluminium (plastic terminal box)
- Ambient Temperature: $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$
- Altitude: up to 1000m above sea level
- Rated Voltage: $220\text{V} \pm 5\%$, 50Hz (60Hz is available on request)
- Protection Degree: IP54 or IP55
- Insulation Class: B/F
- Cooling Method: IC411
- Duty Type: Continuous (S1)

MY 安装及外形尺寸 MOUNTING AND OVERALL DIMENSIONS



机座号 Frame	安装尺寸 Mounting Dimensions (mm)										安装尺寸 Mounting Dimensions (mm) IMB14					安装尺寸 Mounting Dimensions (mm) IMB5					外形尺寸 Overall Dimensions						
	A	B	C	D	E	F	G	H	K		M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L
60	100	80	40	11	23	4	8.5	63	7		75	60	90	0	M5	2.5	115	95	140	0	10	3	130	130	115	185	230
71	112	90	45	14	30	5	11	71	7		85	70	105	0	M6	2.5	130	110	160	0	10	3.5	145	145	125	205	255
80	125	100	50	19	40	6	15.5	80	10		100	80	120	0	M6	3.0	165	130	200	0	12	3.5	160	165	135	235	295
90S	140	100	56	24	50	8	20	90	10		115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	145	265	335
90L	140	125	56	24	50	8	20	90	10		115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	145	265	360
100L	160	140	63	28	60	8	24	100	12		130	110	160	0	M8	3.5	215	180	250	0	15	4	205	215	170	280	380

MY 技术参数 TECHNICAL DATA

220V / 50HZ

型号 Type No.	功率 Output (kW)	电压 Voltage (V)	电流 current (A)	功率因数 Power Factor	效率 Efficiency (%)	转速 Speed (r/min)	堵转转矩 额定转矩 (倍数) Tstart/Tn (Times)	最大转矩 额定转矩 (倍数) Tmax/Tn (Times)	起动电流 Starting Current (A)
MY631-2	0.18	220	1.48	0.92	60	2800	0.4	1.7	5
MY632-2	0.25	220	1.96	0.92	63	2800	0.4	1.7	7
MY711-2	0.37	220	2.73	0.92	67	2800	0.35	1.7	10
MY712-2	0.55	220	3.88	0.92	70	2800	0.35	1.7	15
MY801-2	0.75	220	5.15	0.92	72	2800	0.33	1.7	20
MY802-2	1.1	220	7.02	0.95	75	2800	0.33	1.7	30
MY90S-2	1.5	220	9.44	0.95	76	2800	0.3	1.7	45
MY90L-2	2.2	220	13.67	0.95	77	2800	0.3	1.7	65
MY631-4	0.12	220	1.1	0.90	55	1400	0.4	1.7	3.5
MY632-4	0.18	220	1.62	0.90	56	1400	0.4	1.7	5
MY711-4	0.25	220	2.02	0.92	61	1400	0.35	1.7	7
MY712-4	0.37	220	2.95	0.92	62	1400	0.35	1.7	10
MY801-4	0.55	220	4.25	0.92	64	1400	0.35	1.7	15
MY802-4	0.75	220	5.45	0.92	68	1400	0.32	1.7	20
MY90S-4	1.1	220	7.41	0.95	71	1400	0.32	1.7	30
MY90L-4	1.5	220	9.83	0.95	73	1400	0.3	1.7	45
MY100L-4	2.2	220	13.8	0.95	76	1430	0.3	1.7	64

* 也可供应 110V/220V, 60Hz 电机 .

*110V/220V,60Hz models are available on request.