

1MC0 高压高效三相异步电动机

产品样本（中心高 355~560）
2016.01



总经理致辞

Greeting from the General Manager



您的成功就是我们的成功!
Your success will be
our success!

西门子大型特种电机(山西)有限公司是西门子于2013年7月1日成立的,以生产大型高压异步、同步电动机、发电机及各类特种防爆电机为主的大型合资企业。公司坐落于山西省长治市高新产业开发区,占地120,000平方米,注册资本人民币叁亿元。公司致力于以技术领先,用户至上,质量第一为宗旨,希望与广大客户合作共赢,齐心协力,共创未来。

西门子是电机和驱动技术的全球领导者,已有超过150年的历史成就。西门子制造以其高技术、高品质及高可靠性而誉满全球,得到了各行各业的广泛赞誉。西门子大型特种电机(山西)有限公司作为一家西门子旗下的在华控股公司,我们以更加贴近及服务用户的方式,继续秉承西门子科学、严谨、进取的传统作风,为您和您的事业发展提供最佳解决方案。公司产品广泛使用于冶金、建材、电力、水利、石化、油气、煤矿、造船等各类工业企业领域。

公司拥有西门子全球一体化的研发体系,质量控制体系,物流体系及资源,科学化、流程化及精细化的生产管理模式,倡导创新与发展的理念,高素质的员工队伍,高品质的关键设备及保障措施等,是中国电机行业在大型及特种电机领域的一颗璀璨明珠。

西门子是负责任的企业公民,关注企业的社会责任。员工是企业的重要财富和发展的生力军,公司通过提供培训,组织活动等来激发员工的创造性和能动性。在企业发展的同时,更加关注员工健康、工作环境安全、以及环境保护,做负责任的企业公民,为社会发展作出贡献。

高朋满座齐欢言,共叙未来谋发展。西门子大型特种电机(山西)有限公司竭诚与社会各界、各行各业的仁人志士广交朋友,携手共进。

Siemens Special Electrical Machines Co., Ltd. (SEML) was established in hi-tech zone in Changzhi, Shanxi Province, on July 1st 2013 by Siemens, with investment of 300 million RMB and the area of 120,000 m². As a large-scale joint venture focusing on big HV asynchronous and synchronous motors, generators and various special explosion-proof motors, SEML is devoted to cooperation with customers to realize win-win with advanced technology, customer-orientation, and quality priority.

With over 150 years history and achievement, Siemens is a global leader in motor and drive technologies. "Siemens Made" is internationally renowned for its advanced technology, high quality and reliability, and gains a world reputation in various industries. As an operating company in China, SEML is much closer to customers, and will provide you and your business with best solutions according to Siemens tradition, i.e. scientific, rigorous, and active. Our products are widely used in metal, construction, power, water, oil & gas, chemical, coal mining, marine & shipbuilding and other industries.

SEML is consistent with Siemens unified R&D, quality control, logistic system and has access to the global resource. With scientific and lean production management, advanced process, innovation and development concept, qualified employees, high quality key equipment and guarantee, SEML is becoming a shining star in big motor and special machine industry in China.

As a famed corporate citizen, Siemens is committed to its social responsibility. Employees, who are the treasure and driving power of the company, are encouraged to be active and sparkled to be innovative via various company training and activities. SEML is devoted to be a responsible corporate citizen and contributes to the society by ensuring employee health, working safety, and environment protection as well as company development.

SEML sincerely welcomes you and looks forward to cooperating with you. Together we make it!

总经理 窦正刚

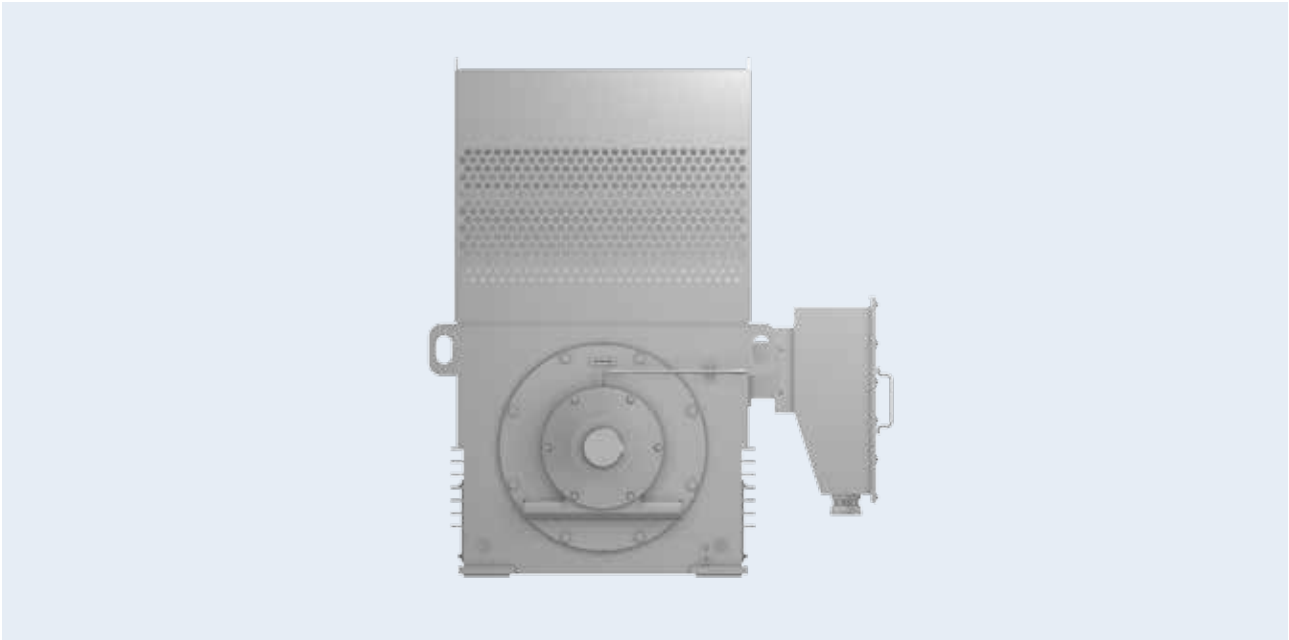
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概述 Overview



1MC0 系列高效高压三相异步电动机是西门子大型特种电机（山西）有限公司（中国长治）生产的新型模块化，兼顾通用化及特殊需求的高压电动机产品，其效率达到中国能效二级（GB30254-2013）或节能惠民工程高压高效电机补贴标准，具有品质卓越、运行可靠、结构紧凑等特点，是风机、泵、压缩机、卷扬机、离心机、破碎机及橡塑机械等各种机械设备的理想驱动电机。

1MC0 high voltage three phase asynchronous high efficiency motor is a new modular design for both general applications and special requirements. Produced in Siemens Special Electrical Machines Co., Ltd., the motor complies with efficiency grade 2 (GB30254-2013) or high efficiency level of government subsidy program. At the same time, it boasts compact structure, high quality and high reliability. 1MC0 is an ideal drive source for mechanical machineries such as fan, pump, compressor, winch, centrifugal, crusher and rubber & plastics.

产品基本信息 Product Basic Information

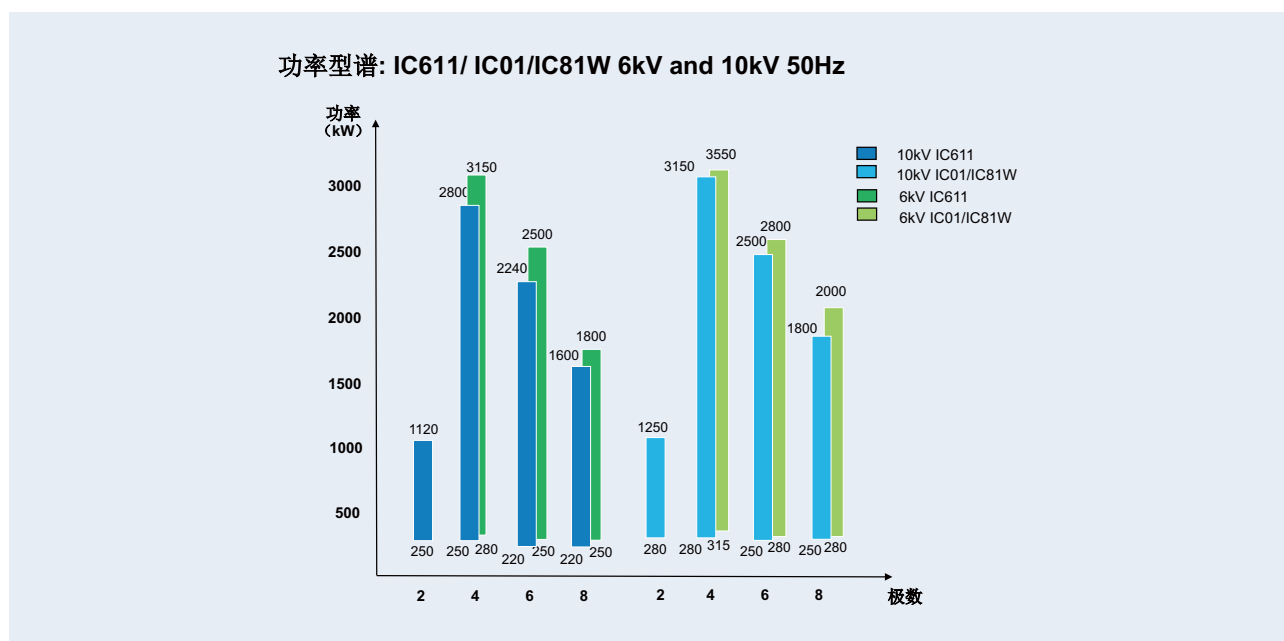
基本技术规格: Specifications

项目	规格
功率 Power range (kW)	220-3150
极数 Poles	2、4、6、8
中心高 Shaft height (mm)	355-560
电压 Voltage	6kV/50Hz、10kV/50Hz
热分级 Thermal Class	155 (F)
冷却方式 Cooling	IC611/IC81W/IC01
防护等级 Degree of protection	IP54(IC611/IC81W);IP23(IC01)
壳体材料 Frame material	钢板焊接 Steel welded
安装方式 Mounting	IM B3
效率 Efficiency	中国能效二级 (GB30254-2013) 或节能惠民工程高效高压电机水平 Efficiency Grade 2 (GB30254-2013) or High efficiency level for government subsidy
轴承 Bearings	本地知名品牌 (国外品牌可选) Local high-end (import brand as option)

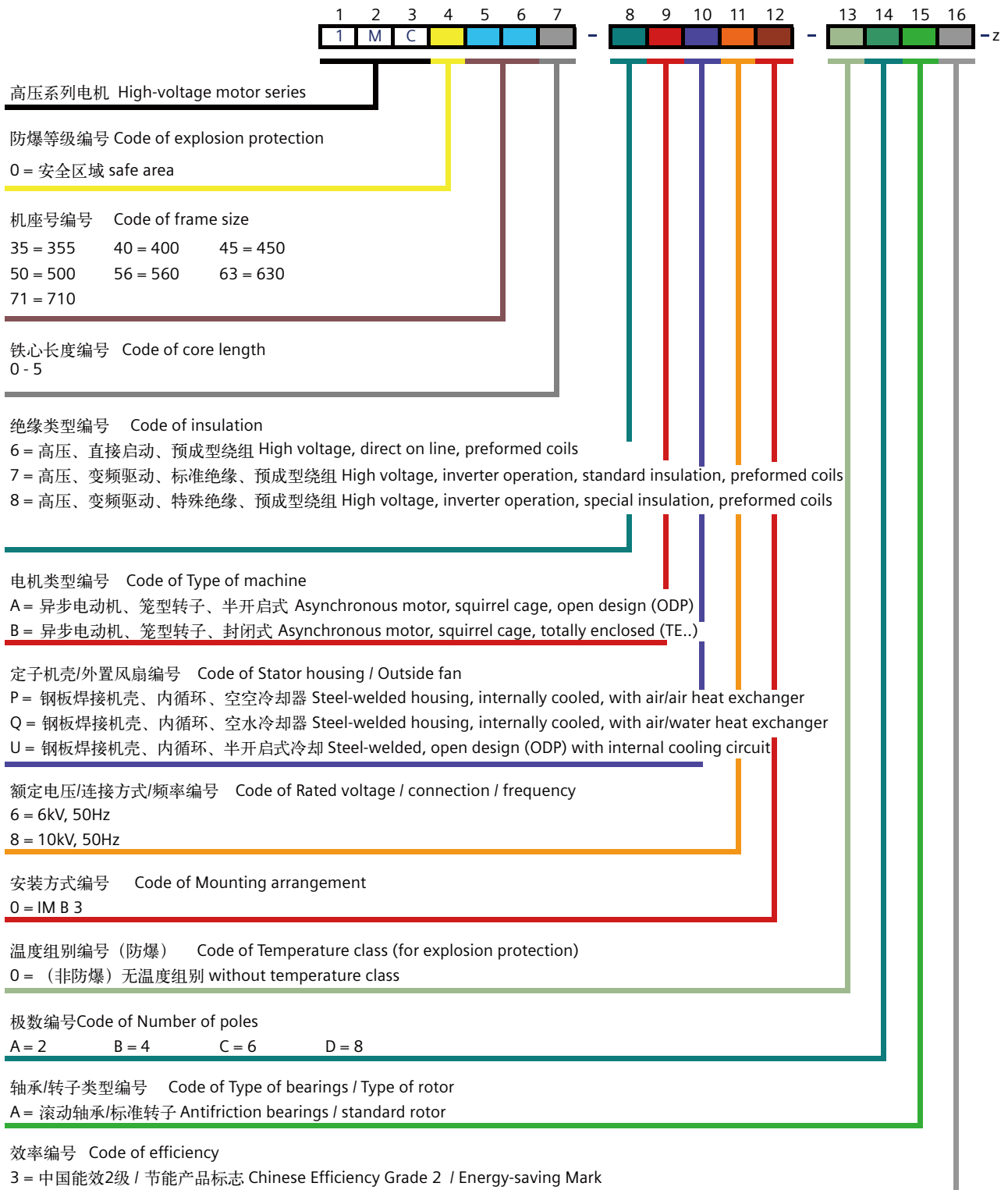
使用条件 Operating Conditions

1MC0 标准配置适用于以下工况条件 1MC0 Standard configuration is suitable for the following working conditions	
额定电压 Rated Voltage	10kV、6kV $\pm 5\%$
额定频率 Rated Frequency	50Hz $\pm 2\%$
环境温度 Ambient Temperature	-15°C ~ 40°C
海拔高度 Altitude above sea level	不超过 1000m No higher than 1000m
工作制 Duty Type	连续工作制 S1 Continuous operation S1

功率型谱 Power range



订货号描述 Order Number Description



技术特点 Technical Features

技术特点和优势 Technical features and customer benefits

特点 Features	客户收益 Customer Benefits
<ul style="list-style-type: none"> • 高效 High efficiency 	<ul style="list-style-type: none"> • 节能, 降低运行成本 Energy saving, reduce operational cost
<ul style="list-style-type: none"> • 西门子 MICALASTIC® 绝缘系统 • Siemens MICALASTIC® Insulation system • VPI 浸漆 • VPI impregnation 	<ul style="list-style-type: none"> • 可靠性高, 寿命长, 适用于不同海拔高不同负载特性的各种应用环境 • High reliability, long life time, suitable for different load characteristics and environment
<ul style="list-style-type: none"> • 轴承设计可靠性高, 不停机加排油 • High reliable bearing design, nonstop re-greasing and used grease disposal 	<ul style="list-style-type: none"> • 低振动、寿命长、减少维护成本 • Low vibration, long life time, minimum maintenance cost
<ul style="list-style-type: none"> • 结构紧凑, 功率密度高 • Compact structure, high power density 	<ul style="list-style-type: none"> • 节约设备空间 • Space saving
<ul style="list-style-type: none"> • 模块化结构设计 • Modular design 	<ul style="list-style-type: none"> • 维护保养方便 • Easy to maintain
<ul style="list-style-type: none"> • 灵活的接线盒位置选择 • Variable terminal box position 	<ul style="list-style-type: none"> • 适应客户的不同需求 • Help customer optimize the equipment layout
<ul style="list-style-type: none"> • 丰富的选件, 并可定制 • Various options, possible for customization 	<ul style="list-style-type: none"> • 满足客户的各种功能性要求 • Satisfy all the Functional requirements
<ul style="list-style-type: none"> • 性能定制 • Special design adaption 	<ul style="list-style-type: none"> • 满足客户的特殊负载要求 • Suitable for special load requirement
<ul style="list-style-type: none"> • 变频设计 • VSD design 	<ul style="list-style-type: none"> • 满足变频器供电 (完美无谐波) • VSD operation is possible (Perfect Harmony)
<ul style="list-style-type: none"> • 环境定制 • Engineering possible for special working conditions 	<ul style="list-style-type: none"> • 满足特殊环境要求, 如高海拔, 腐蚀性环境等 • Suitable for harsh conditions, e.g. high altitude, corrosive environment

技术特点 Technical Features

标准和容差 Standards and tolerances

标准号 Standard	描述 Descriptions	IEC/ISO 标准 IEC/ISO standards
GB/T 191-2008	包装储运图示标志 Packaging Pictorial marking for handling of goods	ISO780:1997, MOD
GB 755-2008	旋转电机 定额和性能 Rotating electrical machines: Rotating and Performance	IEC60034-1: 2004, IDT
GB/T 997-2008	旋转电机结构型式、安装型式及接线盒位置的分类 (IM 代码) Classification of types of construction, mounting arrangements and terminal box position (IM Code)	IEC60034-7:2001, IDT
GB/T 1032-2012	三相异步电动机试验方法 Test procedures for three-phase induction motors	IEC60034-2-1:2007 NEQ
GB 1971-2006	旋转电机 线端标志与旋转方向 Terminal markings and direction of rotation	IEC60034-8: 2002, IDT
GB/T 1993-1993	旋转电机冷却方法 Cooling methods for rotating electrical machines	eqv IEC60034-6:1991
GB/T4772.1-3-1999	旋转电机尺寸和输出功率等级 第 1-3 部分 Dimensions and output series for rotating electrical machines Part 1-3	IEC60072-1: 1991, IDT and IEC60072-2: 1990, IDT
GB/T4942.1-2006	旋转电机整体结构的防护等级 (IP 代码) 分级 Degrees of protection provided by the integral design for rotating electrical machines (IP Code) – classification	IEC60034-5: 2000, IDT
GB10068-2008	轴中心高为 56 mm 及以上电机的机械振动 振动的测量、评定及限值 Mechanical vibration of certain machines with shaft heights 56 mm and higher - Measurement, evaluation and limits of vibration severity	IEC 60034-14:2007, IDT
GB10069.3-2008	旋转电机噪声测定方法及限值 第 3 部分: 噪声限值 Measurement of the airborne noise emitted by rotating electric machines and the noise limit Part 3 Noise limits	IEC 60034-9:2007, IDT
GB/T10069.1-2006	旋转电机噪声测定方法及限值 第 1 部分: 旋转电机噪声测定方法 Measurement of the airborne noise emitted by rotating electric machines and the noise limit Part 1	ISO 1680-1:1999, MOD
GB/T 22715-2008	交流电机定子成型线圈耐冲击电压水平 impulse voltage withstand levels of form wound stator coils for rotating a.c. machines	IDT IEC 60034-15:1995
GB 30254-2013	高压三相笼型异步电动机能效限定值及能效等级 Minimum allowable values of energy efficiency and energy efficiency grades for high voltage three-phase asynchronous motors	N/A
GB/T1408.1-2006	绝缘材料电气强度试验方法 第 1 部分: 工频下试验 Electrical strength of insulating materials - test methods - Part 1 tests at power frequencies	IEC 60243-1:1998, IDT
JB/T 7576-1994	户内外防腐蚀旋转电机环境技术要求 Environment and technical requirement of outdoor anti-corrosion rotating machines	N/A

技术特点 Technical Features

标准和容差 Standards and tolerances

项目	容差指标
电压波动 Voltage tolerance	$\pm 5\%$
频率波动 Frequency tolerance	$\pm 2\%$
效率 Efficiency	$-0.1 \times (1 - \eta)$
功率因数 Power factor	$-(1 - \cos \phi) / 6$ 最小绝对值 0.02 Minimum absolute value 0.02
转差率 Slip	$\pm 20\%$
堵转电流倍数 Locked rotor current	+ 20%
堵转转矩倍数 Locked rotor torque	- 15%, +25%
最大转矩倍数 Maximum torque	-10%
转动惯量 Moment of inertia	$\pm 10\%$

技术特点 Technical Features

绝缘系统 Insulation system MICALASTIC®

MICALASTIC® 绝缘系统是西门子专有高压绝缘技术，其可靠性已经各种严苛的运行环境所验证，在全世界得到广泛认可。

MICALASTIC® is a Siemens exclusive technology for high voltage machines. Its reliability is proven in all kinds of harsh environment and is well accepted world wide by customers.

MICALASTIC® 绝缘系统具有如下特点

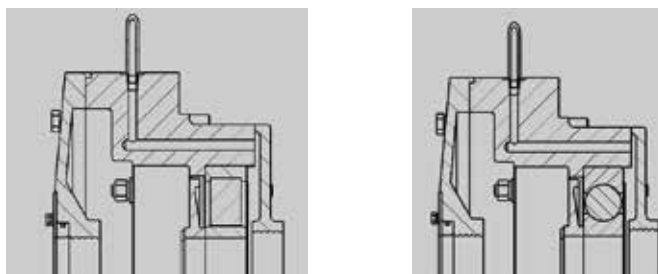
- 极为严格的质量控制，每台机器都须经过全方位的测试
- 出色的电晕屏蔽
- 高机械强度，满足频繁起停和换向的要求
- 出色的热稳定性使电机绕组即使在极端环境下也能具有超常的寿命
- 对于热带湿热、化学腐蚀或多尘等苛刻运行环境有很好的防护

Features of Insulation system

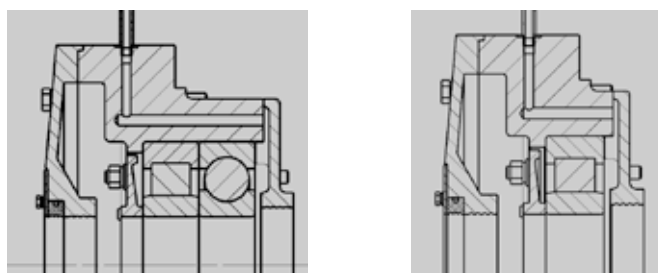
- Extremely tight quality control and all-round tests on each machine
- Outstanding corona shielding
- High mechanical strength for frequently switching and reversing load
- Extraordinary thermal endurance which ensures long winding lifetime - even under tough environment.
- Excellent protection against harsh conditions such as high temperature, high humidity, corrosive and dusty.

轴承配置 Bearing Assignment

中心高 355-450 轴承布置图 Bearing layout for shaft height 355-450



中心高 500-560 轴承布置图 Bearing layout for shaft height 500-560



中心高 Shaft Height	驱动端 Drive End	非驱动端 Non-drive end
355-450	圆柱滚子轴承 roller bearing	深沟球轴承 deep groove ball bearing
500-560	圆柱滚子轴承 + 深沟球轴承 roller bearing + deep groove ball bearing	圆柱滚子轴承 roller bearing

技术特点 Technical Features

接线盒安装位置及进线规格

主接线盒位置为右前、右后、左前、左后（从驱动端看），也可根据客户要求特殊布置。

Terminal box and connection data

Main terminal box can be placed on right side close to DE, right side close to NDE, left side close to DE, left side close to NDE(viewed from DE). It can also be placed acc. to customer special requirement.

接线盒与进线规格参数

Terminal box and cable entry specifications

主端子数量 Number of main terminals	接线螺栓规格 size of terminals	外部电缆直径 cable diameter (mm)	最大导体截面积 max. conductor cross sectional area (mm ²)	主电缆入口数量规格 number of main cable entries	辅助引线电缆直径 diameter of auxiliary cables (mm)	辅助电缆入口数量规格 number of auxiliary cables
3	M16	75-88	240	1- M100x2.0	11-14	3-M20x1.5

铭牌信息 Nameplate Information

 三相异步电动机 3-PHASE ASYNCHRONOUS MOTOR			
型号 Type	1MC0563P8B	订货号 Order No.	1MC0563-6BP80-0BA3-Z
额定功率 Power	2800 kW	额定转速 Speed	1493 r/min
额定功率因数 Cosφ	0.89	防护等级 IP	54
额定电流 Current	188.08 A	额定电压 Voltage	10000 V
接法 Connection	Y	工作制 Duty	S1
冷却方式 Cooling Type	IC611	重量 Weight	10150 kg
标准编号 Standard	Q140400SC129-2015		
序列号 Serial No.	NQQ/3002840143010001	日期 Date	2014-07-31
西门子大型特种电机（山西）有限公司 Siemens Special Electrical Machines Co.,Ltd.			

铭牌示例 Example of nameplate

技术特点 Technical Features

电机选型

电机选型应考虑以下基本因素：

使用环境：环境温度、湿度、海拔高度等
 被驱动设备的负载特性（曲线）及转动惯量
 启动频率和允许电压降
 工作制及其它特殊要求
 温升考核
 变频器类型
 电机旋转方向
 驱动联接方式
 接线盒位置
 可按下表考虑环境温度及海拔高度对电机输出功率的影响

Motor Selection

Basic considerations when selecting a motor

Ambient conditions: temperature, moisture, altitude
 Load characteristics (curve) and moment of inertia
 Starting frequency and allowable voltage drop
 Duty type and other special requirements
 Temperature rise
 Type of converter
 Direction of rotation
 Type of coupling
 The position of the terminal box
 Below table should be considered to calculate motor output with the impact of altitude and ambient temperature

环境温度及海拔高度对电机输出功率的影响

Influence of ambient temperature and installation altitude

IC611

冷却介质温度 CT [°C]	海拔高度（米） Installation altitude [m] above sea level						
	1000	1500	2000	2500	3000	3500	4000
30	109%	105%	102%	98%	94%	90%	85%
35	105%	101%	97%	93%	88%	84%	78%
40	100%	96%	92%	87%	82%	77%	71%
45	95%	91%	86%	81%	76%	70%	-
50	90%	85%	80%	74%	-	-	-

IC81W/IC01

冷却介质温度 CT [°C]		海拔高度（米） Installation height [m] above sea level						
		1000	1500	2000	2500	3000	3500	4000
水 Water	空气 Air							
15	30	107 %	104%	102 %	98%	98%	91%	87%
20	35	104 %	101%	97 %	94%	90%	86%	82%
25	40	100 %	96%	93 %	89%	85%	81%	86%
30	45	96 %	92%	88 %	84%	80%	75%	
35	50	91%	87 %	83%	79%	74%		
40	55	86%	82 %	77%				
45	60	81%	76 %					

附加轴向和径向载荷限制

电动机轴伸上不允许承受外加的轴向力和联轴器重量以外的径向力

Permissible radial and axial force on motor shaft

No axial force or additional radial forces other than the weight of coupling are allowed on motor shaft extension

选件及说明 Options and Descriptions

选件号 Option Code	描述 Description
绕组或轴承温度检测 Winding or bearing temperature monitoring	
A40	2 个三线制测温电阻 PT100 用于滚动轴承 2 resistance thermometers PT 100 for 3 wire circuit configuration, without evaluation unit for roller bearings
A42	2 个双支三线制测温电阻 PT100 用于滚动轴承 2 double resistance thermometers PT100, 3 wire circuit configuration, without evaluation unit for roller bearings
A44	1 个三线制测温电阻 PT100, 用于冷空气温度检测 1 resistance thermometer PT 100 for 3 wire circuit configuration from terminals, for cold air inlet
A45	1 个三线制测温电阻 PT100, 用于热空气温度检测 1 resistance thermometer PT 100 for 3 wire circuit configuration from terminals, for warm air outlet
A65*	6 个三线制定子绕组测温电阻PT100, 不含浪涌保护 6 slot resistance thermometers PT 100 without surge limiter for 3 wire circuit configurations from the terminals
W65	6 个双支三线制定子绕组测温电阻 PT100, 不含浪涌保护 6 slot double resistance thermometers PT 100 without surge limiter for 3 wire circuit configurations from the terminals
轴承Bearings	
G50	SPM 轴承振动检测探头 Shock pulse measuring nipple
L27	轴承绝缘 Bearing Insulation
L80	SKF 轴承 SKF bearings
接线盒Terminal Box	
Q20*	标准辅助接线盒 Standard auxiliary terminal box
Q30*	标准10kV 接线盒 Standard 10kV main terminal box
K09*	从驱动端 (DE) 看, 主接线盒位于右侧, 靠近非驱动端 (NDE), 辅助接线盒位于右侧靠近驱动端 (DE) Viewed from DE, main terminal box is on right side, close to NDE, auxiliary terminal box is on right side close to DE
K10	从驱动端 (DE) 看, 主接线盒位于左侧, 靠近非驱动端 (NDE), 辅助接线盒位于左侧靠近驱动端 (DE) Viewed from DE, main terminal box is on left side, close to NDE, auxiliary terminal box is on left side close to DE
K11	从驱动端 (DE) 看, 主接线盒位于右侧, 靠近驱动端 (DE), 辅助接线盒位于右侧靠近非驱动端 (NDE) Viewed from DE, main terminal box is on right side, close to DE, auxiliary terminal box is on right side close to NDE
K12	从驱动端 (DE) 看, 主接线盒位于左侧, 靠近驱动端 (DE), 辅助接线盒位于左侧靠近非驱动端 (NDE) Viewed from DE, main terminal box is on left side, close to DE, auxiliary terminal box is on left side close to NDE
Q36	中性点接线盒 Neutral point terminal box
M52	辅助接线盒用于抗冷凝加热器 Separate auxiliary box terminal for heater
噪声控制Noise minimization	
L20	消音装置: 进气口消音装置 (GG3) Noise damping device: at air inlet
安装环境 Installation environment	
D06	海拔高度1500m 1500m above sea level
D07	海拔高度2000m 2000m above sea level
D08	海拔高度2500m 2500m above sea level
D09	海拔高度3000m 3000m above sea level
D12	环境温度50°C Ambient temperature 50°C
D04	环境温度- 30°C Ambient temperature -30°C
喷漆及防腐保护Paint finish and anticorrosion protection	
Y53	标准涂层, 非标准颜色 Standard coating, non-standard color
Y54	特殊涂层 (适用于酸碱度不大于1% 的腐蚀性气体环境), 非标准颜色 Special coating (for aggressive atmospheres up to 1 % acid and alkali concentration), non-standard color
W88	适用于TH, W, F1, WF1以及海洋性气候环境的电机防护 Motor Protection for TH,W,F1,WF1 and sea air resistant
抗冷凝加热器Anti-condensation heater,	
M12	抗冷凝加热器 110 ~ 120V Anti-condensation heating device 110 ~ 120V
M13	抗冷凝加热器 220 ~ 240V Anti-condensation heating device 220 ~ 240V
Y83	其它电压的抗冷凝加热器,需要描述电压 Anti-condensation heater with other rated voltage, voltage to be specified
机械设计Mechanical design	
Y55	非标驱动轴 (仅在技术可行时) Special shaft (when technically feasible)
K97 *	(仅针对IC611电机) 顺时针旋转 (从驱动端看) (Only for IC611 motor) Clockwise (viewed from DE)
K98	(仅针对IC611电机) 逆时针旋转 (从驱动端看) (Only for IC611 motor) Counter clockwise (viewed from DE)
测试Tests	
F01	常规测试 — 现场见证 Routine test – with witness
F82	型式试验 — 非现场见证 Type test – without witness
F83	型式试验 — 现场见证 Type test – with witness
铭牌Name Plate	
Y82	第二铭牌:客户订制铭牌信息 Second name plate with customer data
防护等级 Degree of protection	
Q74	IP55

* 默认配置 default configuration

电机默认配置表 Default Configuration

如无特别说明，电机将按以下配置交货

If not otherwise specified, the motor will be delivered with the following configuration

配置 Configuration	描述 Descriptions	选件号 Option Code
安装方式 Mounting	IM B3	N/A
旋转方向 Direction of rotation	(仅针对 IC611 电机) 顺时针旋转 (从驱动端看) (Only for IC611 Motor) Clockwise (viewed from DE)	K97
防护等级 Degree of protection	IP54 (IC611 or IC81W) IP23 (IC01)	N/A
绕组保护 Winding Protection	6 个三线制或四线制定子绕组测温电阻 PT100，不含浪涌保护 6 slot resistance thermometers PT 100 without surge limiter for 3 or 4 wire circuit configurations from the terminals	A65
接线盒及位置 Terminal box position	标准主接线盒及辅助接线盒。从驱动端 (DE) 看，主接线盒位于右侧，靠近非驱动端 (NDE)，辅助接线盒位于右侧靠近驱动端 (DE) Standard main terminal box and auxiliary terminal box. Viewed from DE, main terminal box is on right side close to NDE, auxiliary terminal box is on right side close to DE.	K09, Q20, Q30
面漆颜色 Color of finish paint	RAL7031	N/A

选型技术数据表 Technical Data Table

4 极 IMB3 IC611 6kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ²⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%							kg m ²	kg m ²	kg	kg
1MC0350-6BP60-0BA3-Z	1MC0350P6B	280	1480	33.44	93.7	0.86	1,807	1.8	0.7	6.5	0.75	5.0	165	2795	525
1MC0351-6BP60-0BA3-Z	1MC0351P6B	315	1480	37.57	93.8	0.86	2,033	1.8	0.7	6.5	0.82	5.5	180	2890	547
1MC0352-6BP60-0BA3-Z	1MC0352P6B	355	1480	42.26	94	0.86	2,291	1.8	0.7	6.5	0.89	6.0	200	3155	584
1MC0353-6BP60-0BA3-Z	1MC0353P6B	400	1479	47.51	94.2	0.86	2,583	1.8	0.7	6.5	0.98	6.5	210	3235	606
1MC0400-6BP60-0BA3-Z	1MC0400P6B	450	1485	53.34	94.4	0.86	2,894	1.8	0.7	6.5	1.11	9.8	230	3580	735
1MC0401-6BP60-0BA3-Z	1MC0401P6B	500	1486	59.20	94.5	0.86	3,213	1.8	0.7	6.5	1.19	10.8	275	3680	767
1MC0402-6BP60-0BA3-Z	1MC0402P6B	560	1485	66.16	94.7	0.86	3,601	1.8	0.7	6.5	1.28	11.8	290	3795	800
1MC0403-6BP60-0BA3-Z	1MC0403P6B	630	1485	74.28	94.9	0.86	4,052	1.8	0.7	6.5	1.39	12.8	315	4130	852
1MC0404-6BP60-0BA3-Z	1MC0404P6B	710	1486	83.62	95	0.86	4,563	1.8	0.7	6.5	1.53	13.8	345	4220	884
1MC0450-6BP60-0BA3-Z	1MC0450P6B	800	1489	92.85	95.3	0.87	5,131	1.8	0.7	6.5	1.62	20.0	400	5010	1121
1MC0451-6BP60-0BA3-Z	1MC0451P6B	900	1488	104.34	95.4	0.87	5,776	1.8	0.7	6.5	1.76	22.0	420	5160	1174
1MC0452-6BP60-0BA3-Z	1MC0452P6B	1000	1488	115.82	95.5	0.87	6,418	1.8	0.7	6.5	1.89	24.0	440	5325	1228
1MC0453-6BP60-0BA3-Z	1MC0453P6B	1120	1487	129.71	95.5	0.87	7,193	1.8	0.7	6.5	2.08	26.0	480	5745	1312
1MC0454-6BP60-0BA3-Z	1MC0454P6B	1250	1487	144.47	95.7	0.87	8,028	1.8	0.7	6.5	2.25	28.0	510	5885	1366
1MC0500-6BP60-0BA3-Z	1MC0500P6B	1400	1490	159.80	95.8	0.88	8,973	1.8	0.7	6.5	2.36	35.8	420	6725	1596
1MC0501-6BP60-0BA3-Z	1MC0501P6B	1600	1490	182.43	95.9	0.88	10,255	1.8	0.7	6.5	2.61	38.8	450	6955	1663
1MC0502-6BP60-0BA3-Z	1MC0502P6B	1800	1490	205.02	96	0.88	11,537	1.8	0.7	6.5	2.84	41.8	500	7845	1759
1MC0503-6BP60-0BA3-Z	1MC0503P6B	2000	1490	227.57	96.1	0.88	12,819	1.8	0.7	6.5	3.05	44.8	575	8045	1824
1MC0560-6BP60-0BA3-Z	1MC0560P6B	2240	1490	254.61	96.2	0.88	14,357	1.8	0.6	6.5	3.48	64.5	585	8840	2178
1MC0561-6BP60-0BA3-Z	1MC0561P6B	2500	1491	283.58	96.4	0.88	16,013	1.8	0.6	6.5	3.76	70.5	735	9160	2276
1MC0562-6BP60-0BA3-Z	1MC0562P6B	2800	1491	317.60	96.4	0.88	17,934	1.8	0.6	6.5	4.07	76.3	770	10010	2425
1MC0563-6BP60-0BA3-Z	1MC0563P6B	3150	1490	356.57	96.6	0.88	20,190	1.8	0.6	6.5	4.44	82.3	810	10350	2524

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

6 极 IMB3 IC611 6kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ²⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%							kg m ²	kg m ²	kg	kg
		kW	r/min	A			Nm				m ³ /s	kg m ²	kg m ²	kg	kg
1MC0351-6BP60-0CA3-Z	1MC0351P6C	250	986	31.38	93.5	0.82	2,421	1.8	0.7	6.0	0.71	9.3	410	2970	627
1MC0352-6BP60-0CA3-Z	1MC0352P6C	280	986	35.03	93.8	0.82	2,712	1.8	0.7	6.0	0.76	10.0	430	3045	654
1MC0353-6BP60-0CA3-Z	1MC0353P6C	315	987	39.32	94	0.82	3,048	1.8	0.7	6.0	0.84	10.8	470	3140	681
1MC0400-6BP60-0CA3-Z	1MC0400P6C	355	990	43.69	94.2	0.83	3,424	1.8	0.7	6.0	0.87	14.8	655	3665	822
1MC0401-6BP60-0CA3-Z	1MC0401P6C	400	990	49.18	94.3	0.83	3,859	1.8	0.7	6.0	0.95	16.0	710	3755	857
1MC0402-6BP60-0CA3-Z	1MC0402P6C	450	989	55.21	94.5	0.83	4,345	1.8	0.7	6.0	1.06	17.3	750	3850	891
1MC0403-6BP60-0CA3-Z	1MC0403P6C	500	989	61.15	94.8	0.83	4,828	1.8	0.7	6.0	1.15	18.5	790	4260	947
1MC0404-6BP60-0CA3-Z	1MC0404P6C	560	988	67.60	94.9	0.84	5,413	1.8	0.7	6.0	1.27	19.8	780	4355	981
1MC0450-6BP60-0CA3-Z	1MC0450P6C	630	990	75.97	95	0.84	6,077	1.8	0.7	6.0	1.34	26.0	860	5095	1159
1MC0451-6BP60-0CA3-Z	1MC0451P6C	710	990	85.43	95.2	0.84	6,849	1.8	0.7	6.0	1.47	28.3	930	5245	1210
1MC0452-6BP60-0CA3-Z	1MC0452P6C	800	991	96.06	95.4	0.84	7,709	1.8	0.7	6.0	1.59	30.8	1010	5395	1261
1MC0453-6BP60-0CA3-Z	1MC0453P6C	900	991	106.69	95.5	0.85	8,673	1.8	0.7	6.0	1.77	33.0	1080	5675	1351
1MC0454-6BP60-0CA3-Z	1MC0454P6C	1000	990	118.54	95.5	0.85	9,646	1.8	0.7	6.0	1.94	35.5	1060	5830	1402
1MC0500-6BP60-0CA3-Z	1MC0500P6C	1120	992	132.63	95.6	0.85	10,782	1.8	0.7	6.0	2.00	51.8	1360	6860	1773
1MC0501-6BP60-0CA3-Z	1MC0501P6C	1250	992	145.99	95.8	0.86	12,034	1.8	0.7	6.0	2.18	55.8	1450	7050	1842
1MC0502-6BP60-0CA3-Z	1MC0502P6C	1400	992	163.34	95.9	0.86	13,478	1.8	0.7	6.0	2.39	59.8	1570	7930	1948
1MC0503-6BP60-0CA3-Z	1MC0503P6C	1600	992	186.48	96	0.86	15,403	1.8	0.7	6.0	2.68	63.8	1510	8080	2017
1MC0560-6BP60-0CA3-Z	1MC0560P6C	1800	992	209.79	96	0.86	17,329	1.8	0.7	6.5	2.88	97.0	1440	9160	2492
1MC0561-6BP60-0CA3-Z	1MC0561P6C	2000	992	229.94	96.2	0.87	19,254	1.8	0.7	6.5	3.10	105.0	1640	9430	2596
1MC0562-6BP60-0CA3-Z	1MC0562P6C	2240	991	257.54	96.2	0.87	21,586	1.8	0.7	6.5	3.43	113.3	1650	10030	2749
1MC0563-6BP60-0CA3-Z	1MC0563P6C	2500	991	287.13	96.3	0.87	24,092	1.8	0.7	6.5	3.77	121.3	1600	10310	2851

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

8 极 IMB3 IC611 6kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ²⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
												kg m ²	kg m ²	kg	kg
		kW	r/min	A	%		Nm				m ³ /s	kg m ²	kg m ²	kg	kg
1MC0400-6BP60-0DA3-Z	1MC0400P6D	250	741	32.57	93.5	0.79	3,222	1.8	0.8	5.5	0.68	16.3	1200	3665	841
1MC0401-6BP60-0DA3-Z	1MC0401P6D	280	740	36.40	93.7	0.79	3,614	1.8	0.8	5.5	0.74	17.5	1230	3760	875
1MC0402-6BP60-0DA3-Z	1MC0402P6D	315	740	40.86	93.9	0.79	4,065	1.8	0.8	5.5	0.82	19.0	1290	3850	908
1MC0403-6BP60-0DA3-Z	1MC0403P6D	355	740	46.00	94	0.79	4,581	1.8	0.8	5.5	0.91	20.3	1330	4085	961
1MC0404-6BP60-0DA3-Z	1MC0404P6D	400	740	51.07	94.2	0.8	5,162	1.8	0.8	5.5	1.00	21.8	1390	4175	995
1MC0450-6BP60-0DA3-Z	1MC0450P6D	450	740	57.40	94.3	0.8	5,807	1.8	0.8	5.5	1.04	30.3	1370	4865	1177
1MC0451-6BP60-0DA3-Z	1MC0451P6D	500	740	63.51	94.7	0.8	6,453	1.8	0.8	5.5	1.12	33.0	1490	4995	1230
1MC0452-6BP60-0DA3-Z	1MC0452P6D	560	741	70.98	94.9	0.8	7,217	1.8	0.8	5.5	1.22	36.0	1650	5165	1284
1MC0453-6BP60-0DA3-Z	1MC0453P6D	630	741	77.82	95	0.82	8,119	1.8	0.8	5.5	1.34	38.8	1880	5575	1377
1MC0454-6BP60-0DA3-Z	1MC0454P6D	710	741	87.70	95	0.82	9,150	1.8	0.8	5.5	1.50	41.5	1910	5725	1431
1MC0500-6BP60-0DA3-Z	1MC0500P6D	800	743	98.61	95.2	0.82	10,283	1.8	0.8	5.5	1.61	57.5	1790	6600	1752
1MC0501-6BP60-0DA3-Z	1MC0501P6D	900	743	108.18	95.3	0.84	11,568	1.8	0.8	5.5	1.78	62.0	1720	6770	1821
1MC0502-6BP60-0DA3-Z	1MC0502P6D	1000	743	120.08	95.4	0.84	12,853	1.8	0.8	5.5	1.96	66.3	1820	7700	1919
1MC0503-6BP60-0DA3-Z	1MC0503P6D	1120	743	134.35	95.5	0.84	14,396	1.8	0.8	5.5	2.15	70.8	1850	7890	1989
1MC0560-6BP60-0DA3-Z	1MC0560P6D	1250	744	149.78	95.6	0.84	16,045	1.8	0.7	6.0	2.24	116.3	2630	9060	2554
1MC0561-6BP60-0DA3-Z	1MC0561P6D	1400	744	167.58	95.7	0.84	17,970	1.8	0.7	6.0	2.46	126.0	2770	9340	2668
1MC0562-6BP60-0DA3-Z	1MC0562P6D	1600	744	191.32	95.8	0.84	20,538	1.8	0.7	6.0	2.76	135.5	2900	10050	2847
1MC0563-6BP60-0DA3-Z	1MC0563P6D	1800	744	215.24	95.8	0.84	23,105	1.8	0.7	6.0	3.04	145.3	3190	10330	2959

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

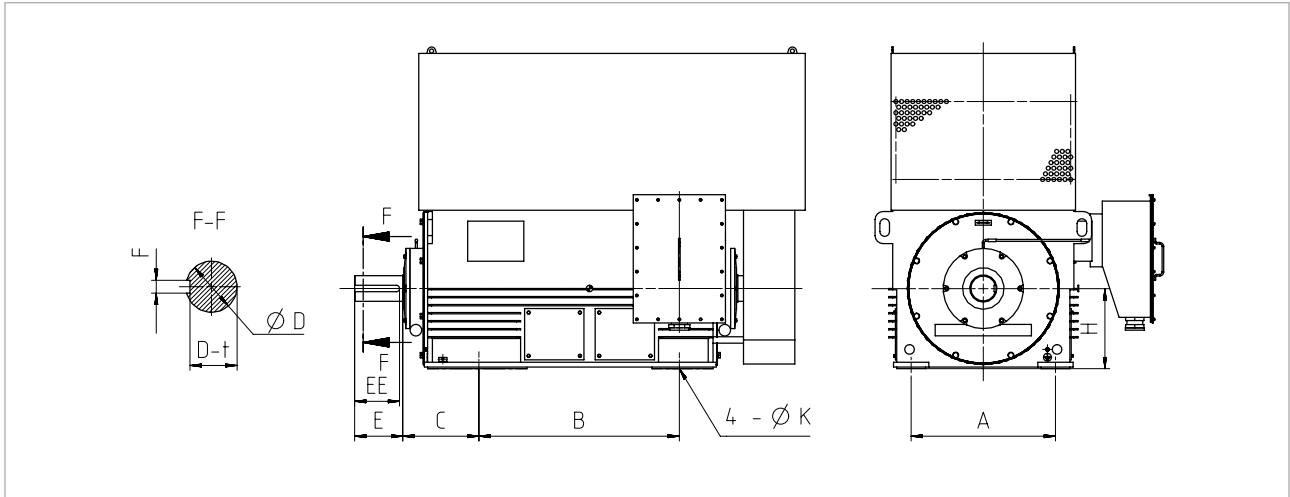
¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

外形及安装尺寸图

Outline and Installation Dimensions

IMB3 IC611 6kV



H	2P	A		B		C	D		E	EE	F		t	H		K				
355	4	630	± 1.4	900	± 1.40	475	± 4.0	100	m6	210	± 0.57	200	28	N9	10	+0.2 0	355	0 -1.0	28	+0.52 0
	6			1000	± 1.75															
400	4	710	± 1.75	1000	± 1.75	475	± 4.0	120	m6	210	± 0.57	200	32	N9	11	+0.2 0	400	0 -1.0	35	+0.62 0
	6			1120				32												
	8			1000									32	11						
	8			1120				120												
450	4	800	± 1.75	1120	± 1.75	475	± 4.0	140	m6	250	± 0.57	220	36	N9	12	+0.2 0	450	0 -1.0	35	+0.62 0
	6			1250	± 2.10			150												
	8			1120	± 1.75											150				
	8			1250	± 2.10															
500	4	900	± 2.10	1250	± 2.10	475	± 4.0	160	m6	300	± 0.65	280	40	N9	13	+0.3 0	500	0 -1.0	42	+0.62 0
	6			1400				170												
	8			1250												170				
	8			1400																
560	4	1000	± 2.10	1400	± 2.10	500	± 4.0	190	m6	350	± 0.70	320	45	N9	15	+0.3 0	560	0 -1.0	42	+0.62 0
	6			1600				200												
	8			1400												200				
	8			1600																

选型技术数据表 Technical Data Table

2 极 IMB3 IC611 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	效率 ¹⁾ Efficiency	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ²⁾ Moment of Inertia		重量 Weight	
					4/4	4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%	%			Nm				m ³ /s	kg m ²	kg m ²	kg
1MC0350-6BP80-0AA3-Z	1MC0350P8A	250	2979	17.8	93.2	94	0.87	801	1.8	0.6	7.0	0.76	1.8	10	2615	435
1MC0351-6BP80-0AA3-Z	1MC0351P8A	280	2978	19.9	93.4	94.2	0.87	898	1.8	0.6	7.0	0.79	2.3	15	2720	450
1MC0352-6BP80-0AA3-Z	1MC0352P8A	315	2976	22.3	93.7	94.5	0.87	1,011	1.8	0.6	7.0	0.86	2.5	15	3035	485
1MC0353-6BP80-0AA3-Z	1MC0353P8A	355	2975	25.0	94.1	94.8	0.87	1,140	1.8	0.6	7.0	0.92	2.8	20	3125	505
1MC0400-6BP80-0AA3-Z	1MC0400P8A	400	2983	28.2	94.2	94.9	0.87	1,281	1.8	0.6	7.0	1.04	4.3	25	3650	635
1MC0401-6BP80-0AA3-Z	1MC0401P8A	450	2981	31.6	94.4	95.1	0.87	1,442	1.8	0.6	7.0	1.11	4.8	30	3770	660
1MC0402-6BP80-0AA3-Z	1MC0402P8A	500	2984	35.1	94.6	95.3	0.87	1,600	1.8	0.6	7.0	1.20	4.8	40	3890	660
1MC0403-6BP80-0AA3-Z	1MC0403P8A	560	2981	39.2	94.8	95.4	0.87	1,794	1.8	0.6	7.0	1.31	4.8	30	4055	680
1MC0404-6BP80-0AA3-Z	1MC0404P8A	630	2980	44.1	94.8	95.4	0.87	2,019	1.8	0.6	7.0	1.42	5.5	38	4170	705
1MC0450-6BP80-0AA3-Z	1MC0450P8A	710	2985	49.1	94.9	95.5	0.88	2,272	1.8	0.6	7.0	1.60	8.5	38	4755	895
1MC0451-6BP80-0AA3-Z	1MC0451P8A	800	2983	55.2	95	95.5	0.88	2,561	1.8	0.6	7.0	1.78	8.5	28	4925	895
1MC0452-6BP80-0AA3-Z	1MC0452P8A	900	2982	62.0	95.2	95.7	0.88	2,882	1.8	0.6	7.0	1.92	9.5	33	5255	935
1MC0453-6BP80-0AA3-Z	1MC0453P8A	1000	2981	68.9	95.2	95.7	0.88	3,204	1.8	0.6	7.0	2.04	10.8	43	5560	1000
1MC0454-6BP80-0AA3-Z	1MC0454P8A	1120	2981	77.1	95.3	95.8	0.88	3,588	1.8	0.6	7.0	2.22	11.8	58	5700	1035

¹⁾ 节能惠民工程计算方法：杂散损耗按 0.5% 计算

²⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ Stray load loss is calculated with 0.5%

²⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

4 极 IM B3 IC611 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	效率 ¹⁾ Efficiency	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ²⁾ Moment of Inertia		重量 Weight	
					4/4	4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%	%							kg m ²	kg m ²	kg	kg
1MC0350-6BP80-0BA3-Z	1MC0350P8B	250	1,480	18.01	93.2	94.0	0.86	1,613	1.8	0.7	7.0	0.8	5	141	2740	525
1MC0351-6BP80-0BA3-Z	1MC0351P8B	280	1,481	20.15	93.3	94.1	0.86	1,806	1.8	0.7	7.0	0.8	6	183	2830	547
1MC0352-6BP80-0BA3-Z	1MC0352P8B	315	1,482	22.62	93.5	94.3	0.86	2,030	1.8	0.7	7.0	0.8	6	218	3090	584
1MC0353-6BP80-0BA3-Z	1MC0353P8B	355	1,481	25.46	93.6	94.3	0.86	2,289	1.8	0.7	7.0	1.0	7	236	3170	606
1MC0400-6BP80-0BA3-Z	1MC0400P8B	400	1,485	28.63	93.8	94.5	0.86	2,572	1.8	0.7	7.0	1.1	10	163	3510	715
1MC0401-6BP80-0BA3-Z	1MC0401P8B	450	1,485	32.07	94.2	94.9	0.86	2,894	1.8	0.7	7.0	1.2	11	193	3610	747
1MC0402-6BP80-0BA3-Z	1MC0402P8B	500	1,485	35.63	94.2	94.9	0.86	3,215	1.8	0.7	7.0	1.3	12	238	3720	780
1MC0403-6BP80-0BA3-Z	1MC0403P8B	560	1,485	39.83	94.4	95.0	0.86	3,601	1.8	0.7	7.0	1.4	13	269	4050	832
1MC0404-6BP80-0BA3-Z	1MC0404P8B	630	1,486	44.71	94.6	95.2	0.86	4,049	1.8	0.7	7.0	1.5	14	304	4140	864
1MC0450-6BP80-0BA3-Z	1MC0450P8B	710	1,489	49.60	95.0	95.6	0.87	4,554	1.8	0.7	7.0	2.0	20	416	4950	1118
1MC0451-6BP80-0BA3-Z	1MC0451P8B	800	1,489	55.71	95.3	95.8	0.87	5,131	1.8	0.7	7.0	2.2	22	452	5100	1170
1MC0452-6BP80-0BA3-Z	1MC0452P8B	900	1,488	62.61	95.4	95.9	0.87	5,776	1.8	0.7	7.0	2.3	24	520	5260	1221
1MC0453-6BP80-0BA3-Z	1MC0453P8B	1000	1,488	69.49	95.5	96.0	0.87	6,418	1.8	0.7	7.0	2.5	26	608	5680	1312
1MC0454-6BP80-0BA3-Z	1MC0454P8B	1,120	1,489	77.83	95.5	96.0	0.87	7,183	1.8	0.7	7.0	2.8	28	628	5820	1364
1MC0500-6BP80-0BA3-Z	1MC0500P8B	1,250	1,491	85.69	95.7	96.2	0.88	8,006	1.8	0.6	7.0	2.2	36	503	6640	1570
1MC0501-6BP80-0BA3-Z	1MC0501P8B	1,400	1,491	95.78	95.9	96.3	0.88	8,967	1.8	0.6	7.0	2.4	39	507	6870	1634
1MC0502-6BP80-0BA3-Z	1MC0502P8B	1,600	1,490	109.35	96.0	96.4	0.88	10,255	1.8	0.6	7.0	2.7	42	495	7760	1734
1MC0503-6BP80-0BA3-Z	1MC0503P8B	1,800	1,490	122.89	96.1	96.5	0.88	11,537	1.8	0.6	7.0	3.0	45	581	7960	1798
1MC0560-6BP80-0BA3-Z	1MC0560P8B	2,000	1,492	136.40	96.2	96.5	0.88	12,802	1.8	0.6	7.0	3.2	65	609	8640	2050
1MC0561-6BP80-0BA3-Z	1MC0561P8B	2,240	1,491	152.61	96.3	96.6	0.88	14,347	1.8	0.6	7.0	3.5	71	655	8960	2144
1MC0562-6BP80-0BA3-Z	1MC0562P8B	2,500	1,491	170.32	96.3	96.6	0.88	16,013	1.8	0.6	7.0	3.8	76	708	9810	2298
1MC0563-6BP80-0BA3-Z	1MC0563P8B	2,800	1,491	190.76	96.3	96.6	0.88	17,934	1.8	0.6	7.0	4.2	82	774	10150	2393

¹⁾ 节能惠民工程计算方法：杂散损耗按 0.5% 计算

²⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ Stray load loss is calculated with 0.5%

²⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

6 极 IM B3 IC611 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	效率 ¹⁾ Efficiency	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ²⁾ Moment of Inertia		重量 Weight	
					4/4	4/4	4/4		电机 Motor	负载 external max. perm.	整机 total		转子 rotor			
					%	%			kg m ²	kg m ²	kg		kg			
		kW	r/min	A	%	%		Nm				m ³ /s	kg m ²	kg m ²	kg	kg
1MC0351-6BP80-0CA3-Z	1MC0351P8C	220	986	16.71	92.7	93.5	0.82	2,131	1.8	0.7	6.5	0.7	9	295	2910	628
1MC0352-6BP80-0CA3-Z	1MC0352P8C	250	985	18.97	92.8	93.6	0.82	2,424	1.8	0.7	6.5	0.8	10	340	2980	654
1MC0353-6BP80-0CA3-Z	1MC0353P8C	280	984	21.18	93.1	93.9	0.82	2,717	1.8	0.7	6.5	0.9	11	389	3060	679
1MC0400-6BP80-0CA3-Z	1MC0400P8C	315	988	23.77	93.3	94.1	0.82	3,045	1.8	0.7	6.5	0.9	14	403	3530	784
1MC0401-6BP80-0CA3-Z	1MC0401P8C	355	988	26.41	93.5	94.2	0.83	3,431	1.8	0.7	6.5	1.0	15	420	3620	817
1MC0402-6BP80-0CA3-Z	1MC0402P8C	400	987	29.66	93.8	94.5	0.83	3,870	1.8	0.7	6.5	1.1	16	496	3710	849
1MC0403-6BP80-0CA3-Z	1MC0403P8C	450	987	33.37	93.8	94.5	0.83	4,354	1.8	0.7	6.5	1.2	17	543	4120	909
1MC0404-6BP80-0CA3-Z	1MC0404P8C	500	988	36.88	94.3	95.0	0.83	4,833	1.8	0.7	6.5	1.3	19	617	4210	941
1MC0450-6BP80-0CA3-Z	1MC0450P8C	560	991	40.77	94.4	95.0	0.84	5,397	1.8	0.7	6.5	1.3	26	926	4990	1131
1MC0451-6BP80-0CA3-Z	1MC0451P8C	630	991	45.72	94.7	95.3	0.84	6,071	1.8	0.7	6.5	1.4	28	1022	5140	1180
1MC0452-6BP80-0CA3-Z	1MC0452P8C	710	990	51.48	94.8	95.4	0.84	6,849	1.8	0.7	6.5	1.6	31	1071	5290	1229
1MC0453-6BP80-0CA3-Z	1MC0453P8C	800	990	57.82	95.1	95.6	0.84	7,717	1.8	0.7	6.5	1.7	33	1130	5570	1326
1MC0454-6BP80-0CA3-Z	1MC0454P8C	900	991	64.91	95.3	95.8	0.84	8,673	1.8	0.7	6.5	1.9	36	1212	5720	1375
1MC0500-6BP80-0CA3-Z	1MC0500P8C	1,000	993	71.27	95.3	95.8	0.85	9,617	1.8	0.7	6.5	1.9	52	1453	6780	1739
1MC0501-6BP80-0CA3-Z	1MC0501P8C	1,120	992	79.66	95.5	96.0	0.85	10,782	1.8	0.7	6.5	2.1	56	1433	6970	1807
1MC0502-6BP80-0CA3-Z	1MC0502P8C	1,250	992	88.72	95.7	96.2	0.85	12,034	1.8	0.7	6.5	2.2	60	1598	7850	1919
1MC0503-6BP80-0CA3-Z	1MC0503P8C	1,400	992	99.06	96.0	96.4	0.85	13,478	1.8	0.7	6.5	2.5	64	1615	7980	1987
1MC0560-6BP80-0CA3-Z	1MC0560P8C	1,600	993	113.21	96.0	96.4	0.85	15,388	1.8	0.6	6.5	2.8	97	1709	8910	2302
1MC0561-6BP80-0CA3-Z	1MC0561P8C	1,800	993	127.36	96.0	96.4	0.85	17,311	1.8	0.6	6.5	3.0	105	1838	9180	2402
1MC0562-6BP80-0CA3-Z	1MC0562P8C	2,000	992	141.36	96.1	96.4	0.85	19,254	1.8	0.6	6.5	3.3	113	1906	9780	2557
1MC0563-6BP80-0CA3-Z	1MC0563P8C	2,240	992	158.32	96.1	96.4	0.85	21,565	1.8	0.6	6.5	3.6	121	1980	10060	2658

¹⁾ 节能惠民工程计算方法：杂散损耗按 0.5% 计算

²⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ Stray load loss is calculated with 0.5%

²⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

8 极 IM B3 IC611 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率	效率 ¹⁾	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ²⁾ Moment of Inertia		重量 Weight	
					效率 Efficiency (GB1032 -2012)	效率 Efficiency							电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					4/4	4/4										
		kW	r/min	A	%	%		Nm				m ³ /s	kg m ²	kg m ²	kg	kg
1MC0400-6BP80-0DA3-Z	1MC0400P8D	220	740	18.29	92.6	93.4	0.75	2,839	1.8	0.7	6.0	0.7	15	1003	3540	807
1MC0401-6BP80-0DA3-Z	1MC0401P8D	250	740	20.47	92.8	93.6	0.76	3,226	1.8	0.7	6.0	0.8	16	1099	3630	840
1MC0402-6BP80-0DA3-Z	1MC0402P8D	280	740	22.87	93.0	93.8	0.76	3,614	1.8	0.7	6.0	0.9	18	1258	3720	872
1MC0403-6BP80-0DA3-Z	1MC0403P8D	315	740	25.26	93.5	94.3	0.77	4,065	1.8	0.7	6.0	1.0	19	1407	3950	928
1MC0404-6BP80-0DA3-Z	1MC0404P8D	355	739	28.41	93.7	94.4	0.77	4,588	1.8	0.7	6.0	1.1	20	1231	4040	960
1MC0450-6BP80-0DA3-Z	1MC0450P8D	400	742	31.56	93.8	94.5	0.78	5,148	1.8	0.7	6.0	1.1	28	1452	4640	1114
1MC0451-6BP80-0DA3-Z	1MC0451P8D	450	742	35.47	93.9	94.6	0.78	5,792	1.8	0.7	6.0	1.2	30	1542	4770	1167
1MC0452-6BP80-0DA3-Z	1MC0452P8D	500	742	38.75	94.3	95.1	0.79	6,435	1.8	0.7	6.0	1.3	33	1635	4940	1219
1MC0453-6BP80-0DA3-Z	1MC0453P8D	560	742	43.31	94.5	95.1	0.79	7,208	1.8	0.7	6.0	1.4	36	1734	5350	1311
1MC0454-6BP80-0DA3-Z	1MC0454P8D	630	741	46.74	94.9	95.5	0.82	8,119	1.8	0.7	6.0	1.5	39	1759	5500	1363
1MC0500-6BP80-0DA3-Z	1MC0500P8D	710	743	52.62	95.0	95.6	0.82	9,126	1.8	0.7	6.0	1.5	58	1951	6540	1727
1MC0501-6BP80-0DA3-Z	1MC0501P8D	800	743	59.17	95.2	95.7	0.82	10,283	1.8	0.7	6.0	1.7	62	1958	6710	1794
1MC0502-6BP80-0DA3-Z	1MC0502P8D	900	743	66.49	95.3	95.8	0.82	11,568	1.8	0.7	6.0	1.9	66	2019	7640	1898
1MC0503-6BP80-0DA3-Z	1MC0503P8D	1,000	743	73.73	95.5	96.0	0.82	12,853	1.8	0.7	6.0	2.0	71	2181	7830	1966
1MC0560-6BP80-0DA3-Z	1MC0560P8D	1,120	744	81.49	95.6	96.1	0.83	14,376	1.8	0.7	6.0	2.1	116	2446	8760	2370
1MC0561-6BP80-0DA3-Z	1MC0561P8D	1,250	744	90.76	95.8	96.2	0.83	16,045	1.8	0.7	6.0	2.3	126	2710	9040	2480
1MC0562-6BP80-0DA3-Z	1MC0562P8D	1,400	744	101.65	95.8	96.2	0.83	17,970	1.8	0.7	6.0	2.5	136	3074	9750	2662
1MC0563-6BP80-0DA3-Z	1MC0563P8D	1,600	743	116.18	95.8	96.2	0.83	20,565	1.8	0.7	6.0	2.8	145	2961	10030	2771

¹⁾ 节能惠民工程计算方法：杂散损耗按 0.5% 计算

²⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ Stray load loss is calculated with 0.5%

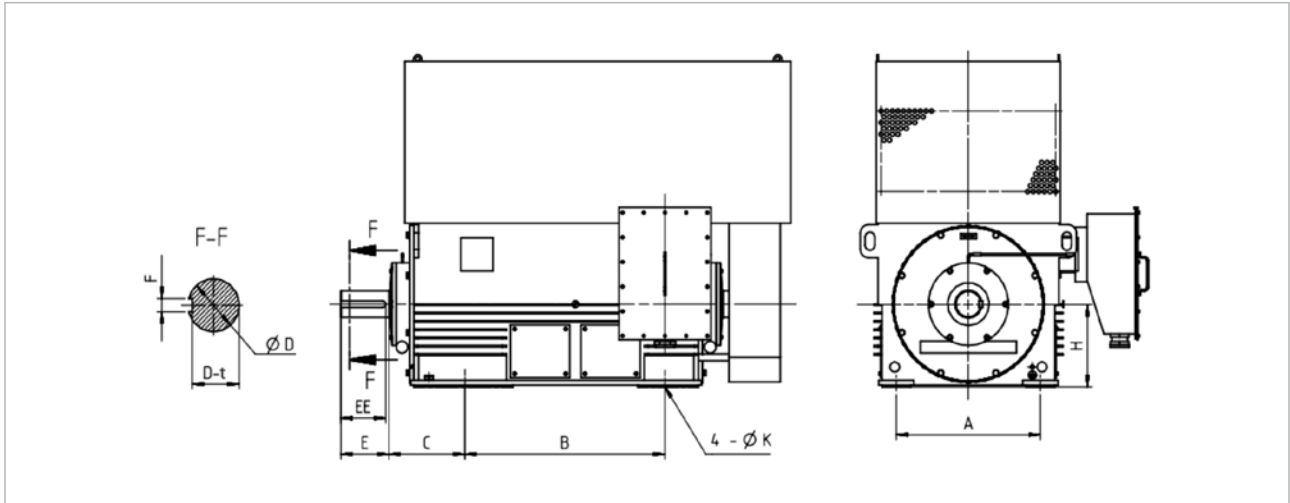
²⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

外形及安装尺寸图

Outline and Installation Dimensions

IMB3 IC611 10kV



H	2P	A		B		C		D		E	EE	F		t	H	K			
355	2	630	±1.4	900	±1.40	475	±4.0	90	m6	170	±0.50	160	25	9	355	0 -1.0	28	+0.52 0	
	4			1000	±1.75			210		±0.57	200	28	N9	10					+0.2 0
	6			1000	±1.75			210		±0.57	200	28	N9	10					+0.2 0
400	2	710	±1.75	1000	±1.75	475	±4.0	100	m6	210	±0.57	200	28	10	400	0 -1.0	35	+0.62 0	
	4			1120				11					+0.2 0						
	6			1000									32	+0.2 0					
	8			1120									32	+0.2 0					
	8			1000									32	+0.2 0					
8	1120	32	+0.2 0																
450	2	800	±1.75	1120	±1.75	475	±4.0	110	m6	250	±0.57	220	28	10	450	0 -1.0	35	+0.62 0	
	4			1250	±2.10			32					+0.2 0						
	6			1120	±1.75			36					+0.3 0						
	8			1250	±2.10			36					+0.3 0						
	8			1120	±1.75			36					+0.3 0						
8	1250	±2.10	36	+0.3 0															
500	4	900	±2.10	1250	±2.10	475	±4.0	150	m6	300	±0.65	280	36	12	500	0 -1.0	42	+0.62 0	
	6			1400				13					+0.3 0						
	8			1250									40	+0.3 0					
	8			1400									40	+0.3 0					
	8			1400									40	+0.3 0					
560	4	1000	±2.10	1400	±2.10	500	±4.0	170	m6	300	±0.65	280	40	13	560	0 -1.0	42	+0.62 0	
	6			1600				15					+0.3 0						
	8			1400									45	+0.3 0					
	8			1600									45	+0.3 0					
	8			1600									45	+0.3 0					

选型技术数据表 Technical Data Table

4 极 IMB3 IC81W 6kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
1MC0350-6BQ60-0BA3-Z	1MC0350Q6B	315	1480	37.46	94.1	0.86	2,033	1.8	0.7	6.5	0.79	5.0	165	2485	481
1MC0351-6BQ60-0BA3-Z	1MC0351Q6B	355	1480	42.12	94.3	0.86	2,291	1.8	0.7	6.5	0.86	5.5	180	2520	505
1MC0352-6BQ60-0BA3-Z	1MC0352Q6B	400	1480	47.41	94.4	0.86	2,581	1.8	0.7	6.5	0.94	6.0	205	2650	543
1MC0353-6BQ60-0BA3-Z	1MC0353Q6B	450	1479	53.22	94.6	0.86	2,906	1.8	0.7	6.5	1.03	6.5	210	2770	565
1MC0400-6BQ60-0BA3-Z	1MC0400Q6B	500	1484	58.34	94.8	0.87	3,218	1.8	0.7	6.5	1.15	9.8	220	3215	695
1MC0401-6BQ60-0BA3-Z	1MC0401Q6B	560	1485	65.20	95	0.87	3,601	1.8	0.7	6.5	1.24	10.8	260	3340	730
1MC0402-6BQ60-0BA3-Z	1MC0402Q6B	630	1485	73.19	95.2	0.87	4,052	1.8	0.7	6.5	1.34	11.8	275	3450	762
1MC0403-6BQ60-0BA3-Z	1MC0403Q6B	710	1485	82.31	95.4	0.87	4,566	1.8	0.7	6.5	1.47	12.8	300	3595	813
1MC0404-6BQ60-0BA3-Z	1MC0404Q6B	800	1485	92.65	95.5	0.87	5,145	1.8	0.7	6.5	1.16	13.8	335	3685	845
1MC0450-6BQ60-0BA3-Z	1MC0450Q6B	900	1488	104.12	95.6	0.87	5,776	1.8	0.7	6.5	1.67	20.0	370	4580	1081
1MC0451-6BQ60-0BA3-Z	1MC0451Q6B	1000	1488	115.57	95.7	0.87	6,418	1.8	0.7	6.5	1.80	22.0	425	4740	1134
1MC0452-6BQ60-0BA3-Z	1MC0452Q6B	1120	1488	127.84	95.8	0.88	7,188	1.8	0.7	6.5	1.98	24.0	460	4900	1188
1MC0453-6BQ60-0BA3-Z	1MC0453Q6B	1250	1488	142.38	96	0.88	8,023	1.8	0.7	6.5	2.14	26.0	495	5140	1272
1MC0454-6BQ60-0BA3-Z	1MC0454Q6B	1400	1488	159.46	96	0.88	8,985	1.8	0.7	6.5	2.33	28.0	535	5280	1326
1MC0500-6BQ60-0BA3-Z	1MC0500Q6B	1600	1489	180.01	96.1	0.89	10,262	1.8	0.7	6.5	2.49	35.8	385	6190	1564
1MC0501-6BQ60-0BA3-Z	1MC0501Q6B	1800	1489	202.30	96.2	0.89	11,545	1.8	0.7	6.5	2.73	38.8	430	6420	1631
1MC0502-6BQ60-0BA3-Z	1MC0502Q6B	2000	1490	224.31	96.4	0.89	12,819	1.8	0.7	6.5	2.93	41.8	495	6720	1727
1MC0503-6BQ60-0BA3-Z	1MC0503Q6B	2240	1490	250.97	96.5	0.89	14,357	1.8	0.7	6.5	3.19	44.8	570	6920	1792
1MC0560-6BQ60-0BA3-Z	1MC0560Q6B	2500	1490	279.81	96.6	0.89	16,023	1.8	0.6	6.5	3.62	64.5	590	7745	2126
1MC0561-6BQ60-0BA3-Z	1MC0561Q6B	2800	1491	313.39	96.6	0.89	17,934	1.8	0.6	6.5	3.90	70.5	735	8065	2224
1MC0562-6BQ60-0BA3-Z	1MC0562Q6B	3150	1491	351.83	96.8	0.89	20,176	1.8	0.6	6.5	4.24	76.3	775	8535	2373
1MC0563-6BQ60-0BA3-Z	1MC0563Q6B	3550	1491	396.51	96.8	0.89	22,738	1.8	0.6	6.5	4.66	82.3	820	8885	2472

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

6 极 IMB3 IC81W 6kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 I_{st} I_N	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
		kW	r/min	A	%		Nm				m ³ /s	kg m ²	kg m ²	kg	kg
1MC0351-6BQ60-0CA3-Z	1MC0351Q6C	280	986	34.57	93.9	0.83	2,712	1.8	0.7	6.0	0.76	9.3	400	2535	587
1MC0352-6BQ60-0CA3-Z	1MC0352Q6C	315	985	38.77	94.2	0.83	3,054	1.8	0.7	6.0	0.83	10.0	410	2665	614
1MC0353-6BQ60-0CA3-Z	1MC0353Q6C	355	986	43.60	94.4	0.83	3,438	1.8	0.7	6.0	0.91	10.8	445	2685	641
1MC0400-6BQ60-0CA3-Z	1MC0400Q6C	400	989	49.12	94.4	0.83	3,862	1.8	0.7	6.0	0.96	14.8	625	3370	785
1MC0401-6BQ60-0CA3-Z	1MC0401Q6C	450	989	54.43	94.7	0.84	4,345	1.8	0.7	6.0	1.03	16.0	670	3470	820
1MC0402-6BQ60-0CA3-Z	1MC0402Q6C	500	989	59.58	95	0.85	4,828	1.8	0.7	6.0	1.13	17.3	720	3550	855
1MC0403-6BQ60-0CA3-Z	1MC0403Q6C	560	989	66.66	95.1	0.85	5,407	1.8	0.7	6.0	1.24	18.5	765	3710	910
1MC0404-6BQ60-0CA3-Z	1MC0404Q6C	630	988	74.92	95.2	0.85	6,090	1.8	0.7	6.0	1.38	19.8	745	3800	946
1MC0450-6BQ60-0CA3-Z	1MC0450Q6C	710	990	84.25	95.4	0.85	6,849	1.8	0.7	6.0	1.46	26.0	850	4490	1119
1MC0451-6BQ60-0CA3-Z	1MC0451Q6C	800	990	94.83	95.5	0.85	7,717	1.8	0.7	6.0	1.58	28.3	920	4650	1170
1MC0452-6BQ60-0CA3-Z	1MC0452Q6C	900	990	106.57	95.6	0.85	8,682	1.8	0.7	6.0	1.73	30.8	950	4790	1221
1MC0453-6BQ60-0CA3-Z	1MC0453Q6C	1000	990	118.29	95.7	0.85	9,646	1.8	0.7	6.0	1.91	33.0	1040	5030	1311
1MC0454-6BQ60-0CA3-Z	1MC0454Q6C	1120	990	130.81	95.8	0.86	10,804	1.8	0.7	6.0	2.10	35.5	1110	5190	1362
1MC0500-6BQ60-0CA3-Z	1MC0500Q6C	1250	992	145.69	96	0.86	12,034	1.8	0.7	6.0	2.16	51.8	1295	6280	1737
1MC0501-6BQ60-0CA3-Z	1MC0501Q6C	1400	992	163.17	96	0.86	13,478	1.8	0.7	6.0	2.35	55.8	1395	6470	1806
1MC0502-6BQ60-0CA3-Z	1MC0502Q6C	1600	992	186.29	96.1	0.86	15,403	1.8	0.7	6.0	2.62	59.8	1485	6760	1912
1MC0503-6BQ60-0CA3-Z	1MC0503Q6C	1800	991	209.36	96.2	0.86	17,346	1.8	0.7	6.0	2.93	63.8	1470	6890	1981
1MC0560-6BQ60-0CA3-Z	1MC0560Q6C	2000	991	232.14	96.4	0.86	19,273	1.8	0.7	6.5	3.05	97.0	1410	8120	2431
1MC0561-6BQ60-0CA3-Z	1MC0561Q6C	2240	992	259.99	96.4	0.86	21,565	1.8	0.7	6.5	3.33	105.0	1630	8400	2535
1MC0562-6BQ60-0CA3-Z	1MC0562Q6C	2500	991	289.87	96.5	0.86	24,092	1.8	0.7	6.5	3.65	113.3	1595	8800	2688
1MC0563-6BQ60-0CA3-Z	1MC0563Q6C	2800	991	324.32	96.6	0.86	26,983	1.8	0.7	6.5	4.05	121.3	1620	9080	2790

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

8 极 IMB3 IC81W 6kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
1MC0400-6BQ60-0DA3-Z	1MC0400Q6D	280	740	36.40	93.7	0.79	3,614	1.8	0.8	5.5	0.74	16.3	1130	3370	806
1MC0401-6BQ60-0DA3-Z	1MC0401Q6D	315	740	40.35	93.9	0.8	4,065	1.8	0.8	5.5	0.82	17.5	1140	3460	840
1MC0402-6BQ60-0DA3-Z	1MC0402Q6D	355	739	45.43	94	0.8	4,588	1.8	0.8	5.5	0.91	19.0	1200	3550	873
1MC0403-6BQ60-0DA3-Z	1MC0403Q6D	400	739	51.07	94.2	0.8	5,169	1.8	0.8	5.5	1.01	20.3	1245	3680	926
1MC0404-6BQ60-0DA3-Z	1MC0404Q6D	450	739	56.69	94.3	0.81	5,815	1.8	0.8	5.5	1.12	21.8	1317	3780	960
1MC0450-6BQ60-0DA3-Z	1MC0450Q6D	500	740	62.66	94.8	0.81	6,453	1.8	0.8	5.5	1.13	30.3	1335	4310	1085
1MC0451-6BQ60-0DA3-Z	1MC0451Q6D	560	740	69.25	94.9	0.82	7,227	1.8	0.8	5.5	1.24	33.0	1460	4440	1135
1MC0452-6BQ60-0DA3-Z	1MC0452Q6D	630	741	77.82	95	0.82	8,119	1.8	0.8	5.5	1.35	36.0	1640	4610	1190
1MC0453-6BQ60-0DA3-Z	1MC0453Q6D	710	741	87.70	95	0.82	9,150	1.8	0.8	5.5	1.50	38.8	1880	4860	1285
1MC0454-6BQ60-0DA3-Z	1MC0454Q6D	800	741	96.26	95.2	0.84	10,310	1.8	0.8	5.5	1.68	41.5	1930	5010	1335
1MC0500-6BQ60-0DA3-Z	1MC0500Q6D	900	744	108.18	95.3	0.84	11,552	1.8	0.8	5.5	1.76	57.5	1760	5945	1716
1MC0501-6BQ60-0DA3-Z	1MC0501Q6D	1000	743	120.08	95.4	0.84	12,853	1.8	0.8	5.5	1.94	62.0	1860	6115	1785
1MC0502-6BQ60-0DA3-Z	1MC0502Q6D	1120	743	134.35	95.5	0.84	14,396	1.8	0.8	5.5	2.14	66.3	1895	6435	1883
1MC0503-6BQ60-0DA3-Z	1MC0503Q6D	1250	743	149.78	95.6	0.84	16,067	1.8	0.8	5.5	2.38	70.8	1690	6520	1953
1MC0560-6BQ60-0DA3-Z	1MC0560Q6D	1400	743	167.58	95.7	0.84	17,995	1.8	0.7	6.0	2.48	116.3	2480	7710	2493
1MC0561-6BQ60-0DA3-Z	1MC0561Q6D	1600	743	191.32	95.8	0.84	20,565	1.8	0.7	6.0	2.78	126.0	2550	8000	2607
1MC0562-6BQ60-0DA3-Z	1MC0562Q6D	1800	743	215.24	95.8	0.84	23,136	1.8	0.7	6.0	3.05	135.5	2755	8490	2786
1MC0563-6BQ60-0DA3-Z	1MC0563Q6D	2000	744	238.65	96	0.84	25,672	1.8	0.7	6.0	3.32	145.3	3175	8770	2898

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

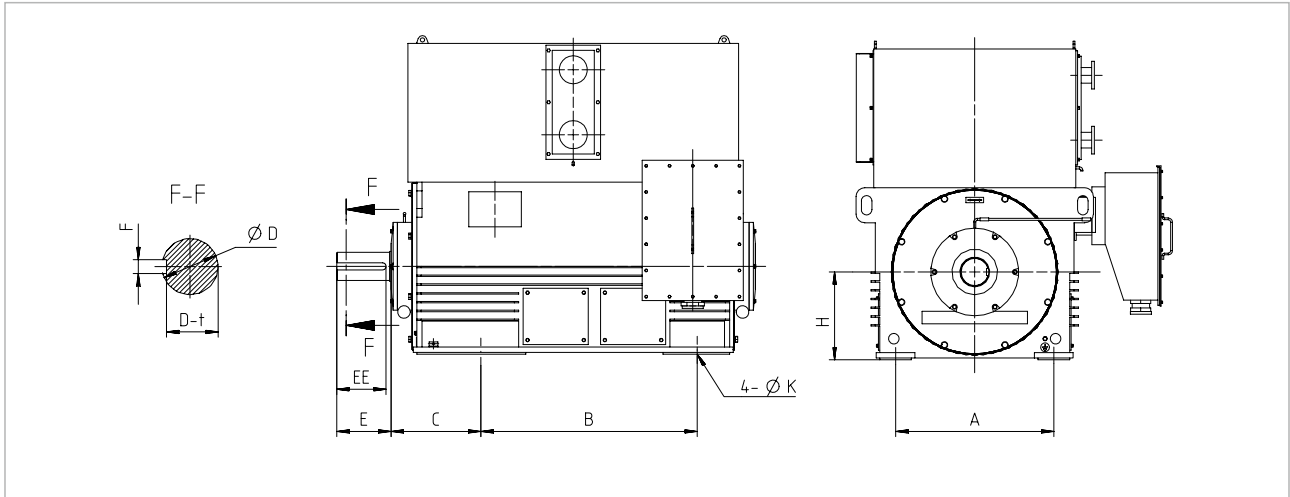
¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

外形及安装尺寸图

Outline and Installation Dimensions

IMB3 IC81W 6kV



H	2P	A		B		C		D		E	EE	F		t	H		K												
355	4	630	± 1.4	900	± 1.40	475	± 4.0	100	m6	210	± 0.57	200	28	N9	10	+0.2 0	355	0 -1.0	28	+0.52 0									
	6			1000	± 1.75																								
400	4	710	± 1.75	1000	± 1.75	475	± 4.0	120	m6	210	± 0.57	200	32	N9	11	+0.2 0	400	0 -1.0	35	+0.62 0									
	6			1120																									
	8			1000																									
	8			1120																									
450	4	800	± 1.75	1120	± 1.75	475	± 4.0	140								+0.2 0	450	0 -1.0	35	+0.62 0									
	6			1250	± 2.10																150	m6	250	± 0.57	220	36	N9	12	+0.3 0
	8			1120	± 1.75																								
	8			1250	± 2.10																								
500	4	900	± 2.10	1250	± 2.10	475	± 4.0	160								+0.3 0	500	0 -1.0	42	+0.62 0									
	6			1400																	170	m6	300	± 0.65	280	40	N9	13	
	8			1250																									170
	8			1400																									
560	4	1000	± 2.10	1400	± 2.10	500	± 4.0	190								+0.3 0	560	0 -1.0	42	+0.62 0									
	6			1600																	200	m6	350	± 0.70	320	45	N9	15	
	8			1400																									200
	8			1600																									

选型技术数据表 Technical Data Table

2 极 IMB3 IC81W 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
1MC0350-6BQ80-0AA3-Z	1MC0350Q8A	280	2977	20.1	93.6	0.86	898	1.8	0.6	7.0	0.81	1.8	10	2420	395
1MC0351-6BQ80-0AA3-Z	1MC0351Q8A	315	2977	22.5	93.9	0.86	1,010	1.8	0.6	7.0	0.83	2.3	15	2525	415
1MC0352-6BQ80-0AA3-Z	1MC0352Q8A	355	2973	25.0	94.3	0.87	1,140	1.8	0.6	7.0	0.92	2.5	15	2690	450
1MC0353-6BQ80-0AA3-Z	1MC0353Q8A	400	2972	28.1	94.5	0.87	1,285	1.8	0.6	7.0	0.99	2.8	20	2785	465
1MC0400-6BQ80-0AA3-Z	1MC0400Q8A	450	2982	31.5	94.7	0.87	1,441	1.8	0.6	7.0	1.06	4.3	25	3390	595
1MC0401-6BQ80-0AA3-Z	1MC0401Q8A	500	2980	35.0	94.9	0.87	1,602	1.8	0.6	7.0	1.11	4.8	33	3510	620
1MC0402-6BQ80-0AA3-Z	1MC0402Q8A	560	2982	39.1	95	0.87	1,793	1.8	0.6	7.0	1.23	4.8	40	3520	620
1MC0403-6BQ80-0AA3-Z	1MC0403Q8A	630	2979	44.0	95	0.87	2,020	1.8	0.6	7.0	1.39	4.8	30	3590	635
1MC0404-6BQ80-0AA3-Z	1MC0404Q8A	710	2978	49.0	95.1	0.88	2,277	1.8	0.6	7.0	1.50	5.5	35	3710	660
1MC0450-6BQ80-0AA3-Z	1MC0450Q8A	800	2983	55.1	95.3	0.88	2,561	1.8	0.6	7.0	1.63	8.5	33	4455	845
1MC0451-6BQ80-0AA3-Z	1MC0451Q8A	900	2981	61.9	95.4	0.88	2,883	1.8	0.6	7.0	1.85	8.5	20	4455	845
1MC0452-6BQ80-0AA3-Z	1MC0452Q8A	1000	2980	68.7	95.5	0.88	3,205	1.8	0.6	7.0	2.00	9.5	28	4610	880
1MC0453-6BQ80-0AA3-Z	1MC0453Q8A	1120	2979	76.9	95.6	0.88	3,590	1.8	0.6	7.0	2.14	10.8	35	4860	945
1MC0454-6BQ80-0AA3-Z	1MC0454Q8A	1250	2979	84.6	95.9	0.89	4,007	1.8	0.6	7.0	2.33	11.8	45	5005	980

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

4 极 IM B3 IC81W 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
												kg m ²	kg m ²	kg	kg
		kW	r/min	A	%		Nm				m ³ /s				
1MC0350-6BQ80-0BA3-Z	1MC0350Q8B	280	1,481	20.34	93.50	0.85	1,806	1.8	0.7	7.0	0.8	5	173	2430	481
1MC0351-6BQ80-0BA3-Z	1MC0351Q8B	315	1,480	22.81	93.80	0.85	2,033	1.8	0.7	7.0	0.9	6	180	2520	505
1MC0352-6BQ80-0BA3-Z	1MC0352Q8B	355	1,481	25.38	93.90	0.86	2,289	1.8	0.7	7.0	0.9	6	213	2640	543
1MC0353-6BQ80-0BA3-Z	1MC0353Q8B	400	1,480	28.57	94.00	0.86	2,581	1.8	0.7	7.0	1.0	7	225	2720	565
1MC0400-6BQ80-0BA3-Z	1MC0400Q8B	450	1,486	32.00	94.40	0.86	2,892	1.8	0.7	7.0	1.2	10	175	3160	665
1MC0401-6BQ80-0BA3-Z	1MC0401Q8B	500	1,486	35.52	94.50	0.86	3,213	1.8	0.7	7.0	1.2	11	220	3260	702
1MC0402-6BQ80-0BA3-Z	1MC0402Q8B	560	1,486	39.70	94.70	0.86	3,599	1.8	0.7	7.0	1.3	12	250	3370	735
1MC0403-6BQ80-0BA3-Z	1MC0403Q8B	630	1,486	44.57	94.90	0.86	4,049	1.8	0.7	7.0	1.5	13	283	3520	782
1MC0404-6BQ80-0BA3-Z	1MC0404Q8B	710	1,486	49.39	95.40	0.87	4,563	1.8	0.7	7.0	1.6	14	298	3610	817
1MC0450-6BQ80-0BA3-Z	1MC0450Q8B	800	1,490	55.59	95.50	0.87	5,128	1.8	0.7	7.0	1.6	20	450	4480	1050
1MC0451-6BQ80-0BA3-Z	1MC0451Q8B	900	1,489	61.76	95.60	0.88	5,772	1.8	0.7	7.0	1.8	22	470	4630	1104
1MC0452-6BQ80-0BA3-Z	1MC0452Q8B	1000	1,489	68.56	95.70	0.88	6,414	1.8	0.7	7.0	1.9	24	515	4800	1159
1MC0453-6BQ80-0BA3-Z	1MC0453Q8B	1,120	1,490	76.70	95.80	0.88	7,179	1.8	0.7	7.0	2.1	26	565	5040	1241
1MC0454-6BQ80-0BA3-Z	1MC0454Q8B	1,250	1,489	84.47	96.00	0.89	8,017	1.8	0.7	7.0	2.4	28	573	5190	1295
1MC0500-6BQ80-0BA3-Z	1MC0500Q8B	1,400	1,491	94.50	96.10	0.89	8,967	1.8	0.7	7.0	2.4	36	505	6040	1524
1MC0501-6BQ80-0BA3-Z	1MC0501Q8B	1,600	1,490	107.89	96.20	0.89	10,255	1.8	0.7	7.0	2.6	39	488	6270	1591
1MC0502-6BQ80-0BA3-Z	1MC0502Q8B	1,800	1,490	121.25	96.30	0.89	11,537	1.8	0.7	7.0	2.9	42	485	6580	1686
1MC0503-6BQ80-0BA3-Z	1MC0503Q8B	2,000	1,491	134.45	96.50	0.89	12,810	1.8	0.7	7.0	3.3	45	590	6780	1752
1MC0560-6BQ80-0BA3-Z	1MC0560Q8B	2,240	1,491	150.43	96.60	0.89	14,347	1.8	0.7	7.0	3.4	65	563	7540	1990
1MC0561-6BQ80-0BA3-Z	1MC0561Q8B	2,500	1,491	167.89	96.60	0.89	16,013	1.8	0.7	7.0	3.7	71	618	7870	2087
1MC0562-6BQ80-0BA3-Z	1MC0562Q8B	2,800	1,491	188.03	96.60	0.89	17,934	1.8	0.7	7.0	4.1	76	670	8340	2235
1MC0563-6BQ80-0BA3-Z	1MC0563Q8B	3,150	1,492	211.32	96.70	0.89	20,163	1.8	0.7	7.0	4.4	82	818	8680	2333

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

6 极 IM B3 IC81W 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%			Nm				kg m ²	kg m ²	kg	kg
1MC0351-6BQ80-0CA3-Z	1MC0351Q8C	250	986	19.16	93.0	0.81	2,421	1.8	0.70	6.0	0.8	9	353	2520	580
1MC0352-6BQ80-0CA3-Z	1MC0352Q8C	280	985	21.41	93.2	0.81	2,715	1.8	0.70	6.0	0.9	10	368	2590	607
1MC0353-6BQ80-0CA3-Z	1MC0353Q8C	315	985	23.72	93.5	0.82	3,054	1.8	0.70	6.0	1.0	11	420	2670	633
1MC0400-6BQ80-0CA3-Z	1MC0400Q8C	355	988	26.35	93.7	0.83	3,431	1.8	0.70	6.0	1.0	14	393	3190	734
1MC0401-6BQ80-0CA3-Z	1MC0401Q8C	400	988	29.63	93.9	0.83	3,866	1.8	0.70	6.0	1.1	15	468	3280	768
1MC0402-6BQ80-0CA3-Z	1MC0402Q8C	450	988	33.30	94.0	0.83	4,350	1.8	0.70	6.0	1.2	16	513	3370	802
1MC0403-6BQ80-0CA3-Z	1MC0403Q8C	500	988	36.80	94.5	0.83	4,833	1.8	0.70	6.0	1.3	17	583	3530	858
1MC0404-6BQ80-0CA3-Z	1MC0404Q8C	560	989	40.69	94.6	0.84	5,407	1.8	0.70	6.0	1.4	19	685	3620	892
1MC0450-6BQ80-0CA3-Z	1MC0450Q8C	630	990	45.63	94.9	0.84	6,077	1.8	0.70	6.0	1.4	26	830	4410	1063
1MC0451-6BQ80-0CA3-Z	1MC0451Q8C	710	990	51.37	95.0	0.84	6,849	1.8	0.70	6.0	1.6	28	973	4570	1122
1MC0452-6BQ80-0CA3-Z	1MC0452Q8C	800	990	57.76	95.2	0.84	7,717	1.8	0.70	6.0	1.7	31	830	4710	1162
1MC0453-6BQ80-0CA3-Z	1MC0453Q8C	900	990	64.08	95.4	0.85	8,682	1.8	0.70	6.0	1.9	33	1093	4950	1256
1MC0454-6BQ80-0CA3-Z	1MC0454Q8C	1,000	990	71.12	95.5	0.85	9,646	1.8	0.70	6.0	2.1	36	1193	5100	1307
1MC0500-6BQ80-0CA3-Z	1MC0500Q8C	1,120	993	79.49	95.7	0.85	10,771	1.8	0.70	6.0	2.0	52	1405	6150	1686
1MC0501-6BQ80-0CA3-Z	1MC0501Q8C	1,250	992	87.50	95.9	0.86	12,034	1.8	0.70	6.0	2.3	56	1405	6340	1755
1MC0502-6BQ80-0CA3-Z	1MC0502Q8C	1,400	992	97.80	96.1	0.86	13,478	1.8	0.70	6.0	2.5	60	1583	6630	1861
1MC0503-6BQ80-0CA3-Z	1MC0503Q8C	1,600	993	111.66	96.2	0.86	15,388	1.8	0.70	6.0	2.8	64	1785	6760	1931
1MC0560-6BQ80-0CA3-Z	1MC0560Q8C	1,800	992	125.61	96.2	0.86	17,329	1.8	0.70	6.0	3.0	97	1565	7700	2234
1MC0561-6BQ80-0CA3-Z	1MC0561Q8C	2,000	992	137.82	96.3	0.87	19,254	1.8	0.70	6.0	3.3	105	1730	7970	2337
1MC0562-6BQ80-0CA3-Z	1MC0562Q8C	2,240	993	154.36	96.3	0.87	21,543	1.8	0.70	6.0	3.6	113	1943	8370	2489
1MC0563-6BQ80-0CA3-Z	1MC0563Q8C	2,500	993	172.28	96.3	0.87	24,043	1.8	0.70	6.0	3.9	121	2028	8650	2591

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

8 极 IM B3 IC81W 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%			Nm				kg m ²	kg m ²	kg	kg
1MC0400-6BQ80-0DA3-Z	1MC0400Q8D	250	740	20.47	92.8	0.76	3,226	1.80	0.70	6.0	0.9	15	858	3170	750
1MC0401-6BQ80-0DA3-Z	1MC0401Q8D	280	741	22.87	93.0	0.76	3,609	1.80	0.70	6.0	0.9	16	1128	3260	785
1MC0402-6BQ80-0DA3-Z	1MC0402Q8D	315	741	25.26	93.5	0.77	4,060	1.80	0.70	6.0	1.0	18	1268	3350	817
1MC0403-6BQ80-0DA3-Z	1MC0403Q8D	355	740	28.41	93.7	0.77	4,581	1.80	0.70	6.0	1.2	19	1125	3490	870
1MC0404-6BQ80-0DA3-Z	1MC0404Q8D	400	739	31.56	93.8	0.78	5,169	1.80	0.70	6.0	1.2	20	1338	3580	904
1MC0450-6BQ80-0DA3-Z	1MC0450Q8D	450	742	35.47	93.9	0.78	5,792	1.80	0.70	6.0	1.2	28	1300	4100	1031
1MC0451-6BQ80-0DA3-Z	1MC0451Q8D	500	742	38.71	94.4	0.79	6,435	1.80	0.70	6.0	1.3	30	1420	4220	1084
1MC0452-6BQ80-0DA3-Z	1MC0452Q8D	560	742	43.31	94.5	0.79	7,208	1.80	0.70	6.0	1.4	33	1540	4400	1139
1MC0453-6BQ80-0DA3-Z	1MC0453Q8D	630	742	46.74	94.9	0.82	8,108	1.80	0.70	6.0	1.6	36	1708	4650	1231
1MC0454-6BQ80-0DA3-Z	1MC0454Q8D	710	742	52.62	95.0	0.82	9,138	1.80	0.70	6.0	1.7	39	1753	4800	1286
1MC0500-6BQ80-0DA3-Z	1MC0500Q8D	800	743	59.17	95.2	0.82	10,283	1.80	0.70	6.0	1.7	58	1975	5770	1667
1MC0501-6BQ80-0DA3-Z	1MC0501Q8D	900	743	66.49	95.3	0.82	11,568	1.80	0.70	6.0	1.9	62	2035	5940	1737
1MC0502-6BQ80-0DA3-Z	1MC0502Q8D	1,000	743	72.84	95.5	0.83	12,853	1.80	0.70	6.0	2.0	66	2175	6260	1834
1MC0503-6BQ80-0DA3-Z	1MC0503Q8D	1,120	744	81.49	95.6	0.83	14,376	1.80	0.70	6.0	2.3	71	2345	6450	1904
1MC0560-6BQ80-0DA3-Z	1MC0560Q8D	1,250	743	90.76	95.8	0.83	16,067	1.80	0.70	6.0	2.3	116	2368	7440	2305
1MC0561-6BQ80-0DA3-Z	1MC0561Q8D	1,400	744	100.44	95.8	0.84	17,970	1.80	0.70	6.0	2.5	126	2635	7720	2414
1MC0562-6BQ80-0DA3-Z	1MC0562Q8D	1,600	744	114.79	95.8	0.84	20,538	1.80	0.70	6.0	2.9	136	2968	8200	2596
1MC0563-6BQ80-0DA3-Z	1MC0563Q8D	1,800	745	129.14	95.8	0.84	23,074	1.80	0.70	6.0	3.2	145	3613	8480	2707

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

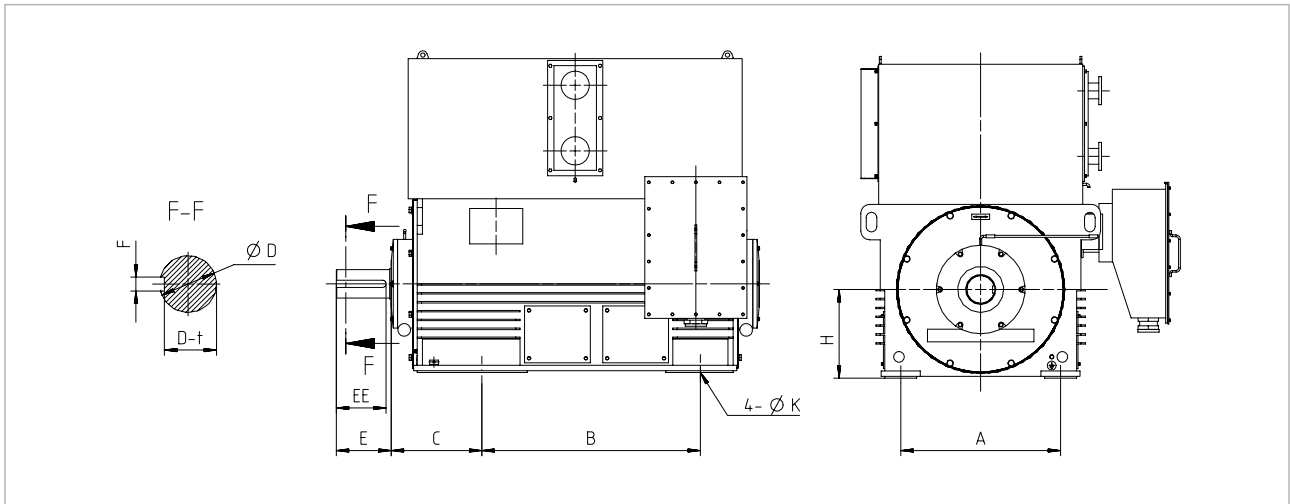
¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

外形及安装尺寸图

Outline and Installation Dimensions

IMB3 IC81W 10kV



H	2P	A		B		C		D		E	EE	F		t	H		K	
355	2	630	±1.4	900	±1.40	475	±4.0	90	m6	170	±0.50	160	25	9	355	0 -1.0	28	+0.52 0
	4			1000	±1.75			210		±0.57	200	28	N9	+0.2 0				
	6			1000	±1.75			100		10								
400	2	710	±1.75	1000	±1.75	475	±4.0	100	m6	210	±0.57	200	28	10	400	0 -1.0	35	+0.62 0
	4			1120				N9					+0.2 0					
	6			1000									32	11				
	8			1120				36					12	+0.3 0				
	8			1000				120					12					
8	1120	120	12															
450	2	800	±1.75	1120	±1.75	475	±4.0	110	m6	250	±0.57	220	28	10	450	0 -1.0	35	+0.62 0
	4			1250	±2.10			32					11	+0.2 0				
	6			1120	±1.75			N9					12	+0.3 0				
	8			1250	±2.10													
	8			1120	±1.75			140					140					
	8			1250	±2.10			140					140					
500	4	900	±2.10	1250	±2.10	475	±4.0	150	m6	300	±0.65	280	36	12	500	0 -1.0	42	+0.62 0
	6			1400				N9					13	+0.3 0				
	8			1250														
	8			1400				45					15					
560	4	1000	±2.10	1400	±2.10	500	±4.0	170	m6	300	±0.65	280	40	13	560	0 -1.0	42	+0.62 0
	6			1600				N9					15	+0.3 0				
	8			1400														
	8			1600				45					15					

选型技术数据表 Technical Data Table

4 极 IMB3 IC01 6kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%										
1MC0350-6AU60-0BA3-Z	1MC0350U6B	315	1480	37.46	94.1	0.86	2.033	1.8	0.7	6.5	0.79	5.0	165	2260	481
1MC0351-6AU60-0BA3-Z	1MC0351U6B	355	1480	42.12	94.3	0.86	2.291	1.8	0.7	6.5	0.86	5.5	180	2290	505
1MC0352-6AU60-0BA3-Z	1MC0352U6B	400	1480	47.41	94.4	0.86	2.581	1.8	0.7	6.5	0.94	6.0	205	2420	543
1MC0353-6AU60-0BA3-Z	1MC0353U6B	450	1479	53.22	94.6	0.86	2.906	1.8	0.7	6.5	1.03	6.5	210	2540	565
1MC0400-6AU60-0BA3-Z	1MC0400U6B	500	1484	58.34	94.8	0.87	3.218	1.8	0.7	6.5	1.15	9.8	220	2950	695
1MC0401-6AU60-0BA3-Z	1MC0401U6B	560	1485	65.20	95	0.87	3.601	1.8	0.7	6.5	1.24	10.8	260	3075	730
1MC0402-6AU60-0BA3-Z	1MC0402U6B	630	1485	73.19	95.2	0.87	4.052	1.8	0.7	6.5	1.34	11.8	275	3185	762
1MC0403-6AU60-0BA3-Z	1MC0403U6B	710	1485	82.31	95.4	0.87	4.566	1.8	0.7	6.5	1.47	12.8	300	3325	813
1MC0404-6AU60-0BA3-Z	1MC0404U6B	800	1485	92.65	95.5	0.87	5.145	1.8	0.7	6.5	1.16	13.8	335	3415	845
1MC0450-6AU60-0BA3-Z	1MC0450U6B	900	1488	104.12	95.6	0.87	5.776	1.8	0.7	6.5	1.67	20.0	370	4250	1081
1MC0451-6AU60-0BA3-Z	1MC0451U6B	1000	1488	115.57	95.7	0.87	6.418	1.8	0.7	6.5	1.80	22.0	425	4410	1134
1MC0452-6AU60-0BA3-Z	1MC0452U6B	1120	1488	127.84	95.8	0.88	7.188	1.8	0.7	6.5	1.98	24.0	460	4570	1188
1MC0453-6AU60-0BA3-Z	1MC0453U6B	1250	1488	142.38	96	0.88	8.023	1.8	0.7	6.5	2.14	26.0	495	4810	1272
1MC0454-6AU60-0BA3-Z	1MC0454U6B	1400	1488	159.46	96	0.88	8.985	1.8	0.7	6.5	2.33	28.0	535	4950	1326
1MC0500-6AU60-0BA3-Z	1MC0500U6B	1600	1489	180.01	96.1	0.89	10.262	1.8	0.7	6.5	2.49	35.8	385	5780	1564
1MC0501-6AU60-0BA3-Z	1MC0501U6B	1800	1489	202.30	96.2	0.89	11.545	1.8	0.7	6.5	2.73	38.8	430	6010	1631
1MC0502-6AU60-0BA3-Z	1MC0502U6B	2000	1490	224.31	96.4	0.89	12.819	1.8	0.7	6.5	2.93	41.8	495	6310	1727
1MC0503-6AU60-0BA3-Z	1MC0503U6B	2240	1490	250.97	96.5	0.89	14.357	1.8	0.7	6.5	3.19	44.8	570	6510	1792
1MC0560-6AU60-0BA3-Z	1MC0560U6B	2500	1490	279.81	96.6	0.89	16.023	1.8	0.6	6.5	3.62	64.5	590	7235	2126
1MC0561-6AU60-0BA3-Z	1MC0561U6B	2800	1491	313.39	96.6	0.89	17.934	1.8	0.6	6.5	3.90	70.5	735	7555	2224
1MC0562-6AU60-0BA3-Z	1MC0562U6B	3150	1491	351.83	96.8	0.89	20.176	1.8	0.6	6.5	4.24	76.3	775	8025	2373
1MC0563-6AU60-0BA3-Z	1MC0563U6B	3550	1491	396.51	96.8	0.89	22.738	1.8	0.6	6.5	4.66	82.3	820	8375	2472

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

6 极 IMB3 IC01 6kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%			Nm				kg m ²	kg m ²	kg	kg
1MC0351-6AU60-0CA3-Z	1MC0351U6C	280	986	34.57	93.9	0.83	2,712	1.8	0.7	6.0	0.76	9.3	400	2305	587
1MC0352-6AU60-0CA3-Z	1MC0352U6C	315	985	38.77	94.2	0.83	3,054	1.8	0.7	6.0	0.83	10.0	410	2435	614
1MC0353-6AU60-0CA3-Z	1MC0353U6C	355	986	43.60	94.4	0.83	3,438	1.8	0.7	6.0	0.91	10.8	445	2455	641
1MC0400-6AU60-0CA3-Z	1MC0400U6C	400	989	49.12	94.4	0.83	3,862	1.8	0.7	6.0	0.96	14.8	625	3100	785
1MC0401-6AU60-0CA3-Z	1MC0401U6C	450	989	54.43	94.7	0.84	4,345	1.8	0.7	6.0	1.03	16.0	670	3200	820
1MC0402-6AU60-0CA3-Z	1MC0402U6C	500	989	59.58	95	0.85	4,828	1.8	0.7	6.0	1.13	17.3	720	3280	855
1MC0403-6AU60-0CA3-Z	1MC0403U6C	560	989	66.66	95.1	0.85	5,407	1.8	0.7	6.0	1.24	18.5	765	3440	910
1MC0404-6AU60-0CA3-Z	1MC0404U6C	630	988	74.92	95.2	0.85	6,090	1.8	0.7	6.0	1.38	19.8	745	3530	946
1MC0450-6AU60-0CA3-Z	1MC0450U6C	710	990	84.25	95.4	0.85	6,849	1.8	0.7	6.0	1.46	26.0	850	4160	1119
1MC0451-6AU60-0CA3-Z	1MC0451U6C	800	990	94.83	95.5	0.85	7,717	1.8	0.7	6.0	1.58	28.3	920	4320	1170
1MC0452-6AU60-0CA3-Z	1MC0452U6C	900	990	106.57	95.6	0.85	8,682	1.8	0.7	6.0	1.73	30.8	950	4460	1221
1MC0453-6AU60-0CA3-Z	1MC0453U6C	1000	990	118.29	95.7	0.85	9,646	1.8	0.7	6.0	1.91	33.0	1040	4700	1311
1MC0454-6AU60-0CA3-Z	1MC0454U6C	1120	990	130.81	95.8	0.86	10,804	1.8	0.7	6.0	2.10	35.5	1110	4860	1362
1MC0500-6AU60-0CA3-Z	1MC0500U6C	1250	992	145.69	96	0.86	12,034	1.8	0.7	6.0	2.16	51.8	1295	5870	1737
1MC0501-6AU60-0CA3-Z	1MC0501U6C	1400	992	163.17	96	0.86	13,478	1.8	0.7	6.0	2.35	55.8	1395	6060	1806
1MC0502-6AU60-0CA3-Z	1MC0502U6C	1600	992	186.29	96.1	0.86	15,403	1.8	0.7	6.0	2.62	59.8	1485	6350	1912
1MC0503-6AU60-0CA3-Z	1MC0503U6C	1800	991	209.36	96.2	0.86	17,346	1.8	0.7	6.0	2.93	63.8	1470	6480	1981
1MC0560-6AU60-0CA3-Z	1MC0560U6C	2000	991	232.14	96.4	0.86	19,273	1.8	0.7	6.5	3.05	97.0	1410	7660	2431
1MC0561-6AU60-0CA3-Z	1MC0561U6C	2240	992	259.99	96.4	0.86	21,565	1.8	0.7	6.5	3.33	105.0	1630	7940	2535
1MC0562-6AU60-0CA3-Z	1MC0562U6C	2500	991	289.87	96.5	0.86	24,092	1.8	0.7	6.5	3.65	113.3	1595	8340	2688
1MC0563-6AU60-0CA3-Z	1MC0563U6C	2800	991	324.32	96.6	0.86	26,983	1.8	0.7	6.5	4.05	121.3	1620	8620	2790

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

8 极 IMB3 IC01 6kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%										
1MC0400-6AU60-0DA3-Z	1MC0400U6D	280	740	36.40	93.7	0.79	3,614	1.8	0.8	5.5	0.74	16.3	1130	3105	806
1MC0401-6AU60-0DA3-Z	1MC0401U6D	315	740	40.35	93.9	0.8	4,065	1.8	0.8	5.5	0.82	17.5	1140	3195	840
1MC0402-6AU60-0DA3-Z	1MC0402U6D	355	739	45.43	94	0.8	4,588	1.8	0.8	5.5	0.91	19.0	1200	3285	873
1MC0403-6AU60-0DA3-Z	1MC0403U6D	400	739	51.07	94.2	0.8	5,169	1.8	0.8	5.5	1.01	20.3	1245	3415	926
1MC0404-6AU60-0DA3-Z	1MC0404U6D	450	739	56.69	94.3	0.81	5,815	1.8	0.8	5.5	1.12	21.8	1317	3515	960
1MC0450-6AU60-0DA3-Z	1MC0450U6D	500	740	62.66	94.8	0.81	6,453	1.8	0.8	5.5	1.13	30.3	1335	4070	1085
1MC0451-6AU60-0DA3-Z	1MC0451U6D	560	740	69.25	94.9	0.82	7,227	1.8	0.8	5.5	1.24	33.0	1460	4200	1135
1MC0452-6AU60-0DA3-Z	1MC0452U6D	630	741	77.82	95	0.82	8,119	1.8	0.8	5.5	1.35	36.0	1640	4370	1190
1MC0453-6AU60-0DA3-Z	1MC0453U6D	710	741	87.70	95	0.82	9,150	1.8	0.8	5.5	1.50	38.8	1880	4620	1285
1MC0454-6AU60-0DA3-Z	1MC0454U6D	800	741	96.26	95.2	0.84	10,310	1.8	0.8	5.5	1.68	41.5	1930	4770	1335
1MC0500-6AU60-0DA3-Z	1MC0500U6D	900	744	108.18	95.3	0.84	11,552	1.8	0.8	5.5	1.76	57.5	1760	5675	1716
1MC0501-6AU60-0DA3-Z	1MC0501U6D	1000	743	120.08	95.4	0.84	12,853	1.8	0.8	5.5	1.94	62.0	1860	5845	1785
1MC0502-6AU60-0DA3-Z	1MC0502U6D	1120	743	134.35	95.5	0.84	14,396	1.8	0.8	5.5	2.14	66.3	1895	6165	1883
1MC0503-6AU60-0DA3-Z	1MC0503U6D	1250	743	149.78	95.6	0.84	16,067	1.8	0.8	5.5	2.38	70.8	1690	6250	1953
1MC0560-6AU60-0DA3-Z	1MC0560U6D	1400	743	167.58	95.7	0.84	17,995	1.8	0.7	6.0	2.48	116.3	2480	7320	2493
1MC0561-6AU60-0DA3-Z	1MC0561U6D	1600	743	191.32	95.8	0.84	20,565	1.8	0.7	6.0	2.78	126.0	2550	7610	2607
1MC0562-6AU60-0DA3-Z	1MC0562U6D	1800	743	215.24	95.8	0.84	23,136	1.8	0.7	6.0	3.05	135.5	2755	8090	2786
1MC0563-6AU60-0DA3-Z	1MC0563U6D	2000	744	238.65	96	0.84	25,672	1.8	0.7	6.0	3.32	145.3	3175	8370	2898

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

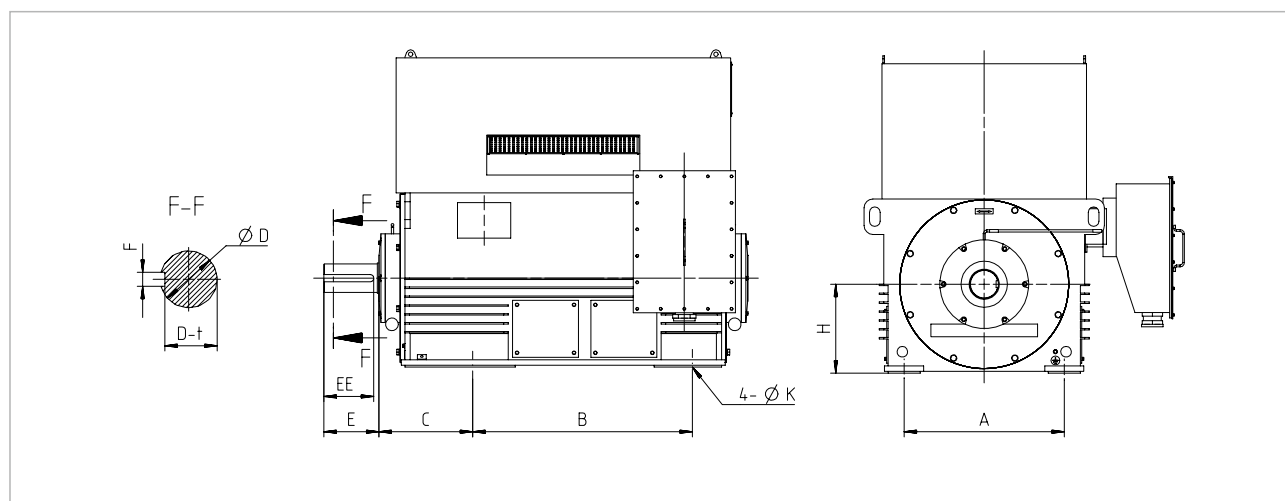
¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

外形及安装尺寸图

Outline and Installation Dimensions

IMB3 IC01 6kV



H	2P	A		B		C		D		E	EE	F		t	H		K			
355	4	630	±1.4	900	±1.40	475	±4.0	100	m6	210	±0.57	200	28	N9	10	+0.2 0	355	0 -1.0	28	+0.52 0
	6			1000	±1.75															
400	4	710	±1.75	1000	±1.75	475	±4.0	120	m6	210	±0.57	200	32	N9	11	+0.2 0	400	0 -1.0	35	+0.62 0
	6			1120																
	8			1000																
				1120																
450	4	800	±1.75	1120	±1.75	475	±4.0	140	m6	250	±0.57	220	36	N9	12	+0.2 0	450	0 -1.0	35	+0.62 0
	6			1250	±2.10			150												
	8			1120	±1.75			150												
				1250	±2.10															
500	4	900	±2.10	1250	±2.10	475	±4.0	160	m6	300	±0.65	280	40	N9	13	+0.3 0	500	0 -1.0	42	+0.62 0
	6			1400				170												
	8			1250				170												
				1400																
560	4	1000	±2.10	1400	±2.10	500	±4.0	190	m6	350	±0.70	320	45	N9	15	+0.3 0	560	0 -1.0	42	+0.62 0
	6			1600				200												
	8			1400				200												
				1600																

选型技术数据表 Technical Data Table

2 极 IMB3 IC01 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
												kg m ²	kg m ²	kg	kg
		kW	r/min	A	%		Nm				m ³ /s	kg m ²	kg m ²	kg	kg
1MC0350-6AU80-0AA3-Z	1MC0350U8A	280	2977	20.1	93.6	0.86	898	1.8	0.6	7.0	0.81	1.8	10	2155	395
1MC0351-6AU80-0AA3-Z	1MC0351U8A	315	2977	22.5	93.9	0.86	1,010	1.8	0.6	7.0	0.83	2.3	15	2260	415
1MC0352-6AU80-0AA3-Z	1MC0352U8A	355	2973	25.0	94.3	0.87	1,140	1.8	0.6	7.0	0.92	2.5	15	2435	450
1MC0353-6AU80-0AA3-Z	1MC0353U8A	400	2972	28.1	94.5	0.87	1,285	1.8	0.6	7.0	0.99	2.8	20	2525	465
1MC0400-6AU80-0AA3-Z	1MC0400U8A	450	2982	31.5	94.7	0.87	1,441	1.8	0.6	7.0	1.06	4.3	25	3060	595
1MC0401-6AU80-0AA3-Z	1MC0401U8A	500	2980	35.0	94.9	0.87	1,602	1.8	0.6	7.0	1.11	4.8	33	3180	620
1MC0402-6AU80-0AA3-Z	1MC0402U8A	560	2982	39.1	95	0.87	1,793	1.8	0.6	7.0	1.23	4.8	40	3190	620
1MC0403-6AU80-0AA3-Z	1MC0403U8A	630	2979	44.0	95	0.87	2,020	1.8	0.6	7.0	1.39	4.8	30	3260	635
1MC0404-6AU80-0AA3-Z	1MC0404U8A	710	2978	49.0	95.1	0.88	2,277	1.8	0.6	7.0	1.50	5.5	35	3380	660
1MC0450-6AU80-0AA3-Z	1MC0450U8A	800	2983	55.1	95.3	0.88	2,561	1.8	0.6	7.0	1.63	8.5	33	4065	845
1MC0451-6AU80-0AA3-Z	1MC0451U8A	900	2981	61.9	95.4	0.88	2,883	1.8	0.6	7.0	1.85	8.5	20	4065	845
1MC0452-6AU80-0AA3-Z	1MC0452U8A	1000	2980	68.7	95.5	0.88	3,205	1.8	0.6	7.0	2.00	9.5	28	4220	880
1MC0453-6AU80-0AA3-Z	1MC0453U8A	1120	2979	76.9	95.6	0.88	3,590	1.8	0.6	7.0	2.14	10.8	35	4490	945
1MC0454-6AU80-0AA3-Z	1MC0454U8A	1250	2979	84.6	95.9	0.89	4,007	1.8	0.6	7.0	2.33	11.8	45	4635	980

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

4 极 IM B3 IC01 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%										
1MC0350-6AU80-0BA3-Z	1MC0350U8B	280	1,481	20.34	93.50	0.85	1,806	1.8	0.7	7.0	0.8	5	173	2200	481
1MC0351-6AU80-0BA3-Z	1MC0351U8B	315	1,480	22.81	93.80	0.85	2,033	1.8	0.7	7.0	0.9	6	180	2290	505
1MC0352-6AU80-0BA3-Z	1MC0352U8B	355	1,481	25.38	93.90	0.86	2,289	1.8	0.7	7.0	1.0	6	213	2410	543
1MC0353-6AU80-0BA3-Z	1MC0353U8B	400	1,480	28.57	94.00	0.86	2,581	1.8	0.7	7.0	1.0	7	225	2490	565
1MC0400-6AU80-0BA3-Z	1MC0400U8B	450	1,486	32.00	94.40	0.86	2,892	1.8	0.7	7.0	1.2	10	175	2890	665
1MC0401-6AU80-0BA3-Z	1MC0401U8B	500	1,486	35.52	94.50	0.86	3,213	1.8	0.7	7.0	1.2	11	220	3000	702
1MC0402-6AU80-0BA3-Z	1MC0402U8B	560	1,486	39.70	94.70	0.86	3,599	1.8	0.7	7.0	1.3	12	250	3110	735
1MC0403-6AU80-0BA3-Z	1MC0403U8B	630	1,486	44.57	94.90	0.86	4,049	1.8	0.7	7.0	1.5	13	283	3250	782
1MC0404-6AU80-0BA3-Z	1MC0404U8B	710	1,486	49.39	95.40	0.87	4,563	1.8	0.7	7.0	1.6	14	298	3340	817
1MC0450-6AU80-0BA3-Z	1MC0450U8B	800	1,490	55.59	95.50	0.87	5,128	1.8	0.7	7.0	1.6	20	450	4170	1050
1MC0451-6AU80-0BA3-Z	1MC0451U8B	900	1,489	61.76	95.60	0.88	5,772	1.8	0.7	7.0	1.8	22	470	4330	1104
1MC0452-6AU80-0BA3-Z	1MC0452U8B	1000	1,489	68.56	95.70	0.88	6,414	1.8	0.7	7.0	2.0	24	515	4490	1159
1MC0453-6AU80-0BA3-Z	1MC0453U8B	1,120	1,490	76.70	95.80	0.88	7,179	1.8	0.7	7.0	2.1	26	565	4730	1241
1MC0454-6AU80-0BA3-Z	1MC0454U8B	1,250	1,489	84.47	96.00	0.89	8,017	1.8	0.7	7.0	2.4	28	573	4870	1295
1MC0500-6AU80-0BA3-Z	1MC0500U8B	1,400	1,491	94.50	96.10	0.89	8,967	1.8	0.7	7.0	2.4	36	505	5660	1524
1MC0501-6AU80-0BA3-Z	1MC0501U8B	1,600	1,490	107.89	96.20	0.89	10,255	1.8	0.7	7.0	2.6	39	488	5890	1591
1MC0502-6AU80-0BA3-Z	1MC0502U8B	1,800	1,490	121.25	96.30	0.89	11,537	1.8	0.7	7.0	3.0	42	485	6190	1686
1MC0503-6AU80-0BA3-Z	1MC0503U8B	2,000	1,491	134.45	96.50	0.89	12,810	1.8	0.7	7.0	3.3	45	590	6390	1752
1MC0560-6AU80-0BA3-Z	1MC0560U8B	2,240	1,491	150.43	96.60	0.89	14,347	1.8	0.7	7.0	3.4	65	563	7080	1990
1MC0561-6AU80-0BA3-Z	1MC0561U8B	2,500	1,491	167.89	96.60	0.89	16,013	1.8	0.7	7.0	3.8	71	618	7400	2087
1MC0562-6AU80-0BA3-Z	1MC0562U8B	2,800	1,491	188.03	96.60	0.89	17,934	1.8	0.7	7.0	4.1	76	670	7870	2235
1MC0563-6AU80-0BA3-Z	1MC0563U8B	3,150	1,492	211.32	96.70	0.89	20,163	1.8	0.7	7.0	4.4	82	818	8220	2333

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

6 极 IM B3 IC01 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%			Nm				kg m ²	kg m ²	kg	kg
1MC0351-6AU80-0CA3-Z	1MC0351U8C	250	986	19.16	93.0	0.81	2,421	1.8	0.70	6.0	0.8	9	353	2290	580
1MC0352-6AU80-0CA3-Z	1MC0352U8C	280	985	21.41	93.2	0.81	2,715	1.8	0.70	6.0	0.9	10	368	2360	607
1MC0353-6AU80-0CA3-Z	1MC0353U8C	315	985	23.72	93.5	0.82	3,054	1.8	0.70	6.0	1.0	11	420	2440	633
1MC0400-6AU80-0CA3-Z	1MC0400U8C	355	988	26.35	93.7	0.83	3,431	1.8	0.70	6.0	1.0	14	393	2920	734
1MC0401-6AU80-0CA3-Z	1MC0401U8C	400	988	29.63	93.9	0.83	3,866	1.8	0.70	6.0	1.1	15	468	3020	768
1MC0402-6AU80-0CA3-Z	1MC0402U8C	450	988	33.30	94.0	0.83	4,350	1.8	0.70	6.0	1.2	16	513	3100	802
1MC0403-6AU80-0CA3-Z	1MC0403U8C	500	988	36.80	94.5	0.83	4,833	1.8	0.70	6.0	1.3	17	583	3260	858
1MC0404-6AU80-0CA3-Z	1MC0404U8C	560	989	40.69	94.6	0.84	5,407	1.8	0.70	6.0	1.4	19	685	3350	892
1MC0450-6AU80-0CA3-Z	1MC0450U8C	630	990	45.63	94.9	0.84	6,077	1.8	0.70	6.0	1.5	26	830	4100	1063
1MC0451-6AU80-0CA3-Z	1MC0451U8C	710	990	51.37	95.0	0.84	6,849	1.8	0.70	6.0	1.6	28	973	4260	1122
1MC0452-6AU80-0CA3-Z	1MC0452U8C	800	990	57.76	95.2	0.84	7,717	1.8	0.70	6.0	1.7	31	830	4400	1162
1MC0453-6AU80-0CA3-Z	1MC0453U8C	900	990	64.08	95.4	0.85	8,682	1.8	0.70	6.0	2.0	33	1093	4640	1256
1MC0454-6AU80-0CA3-Z	1MC0454U8C	1,000	990	71.12	95.5	0.85	9,646	1.8	0.70	6.0	2.1	36	1193	4800	1307
1MC0500-6AU80-0CA3-Z	1MC0500U8C	1,120	993	79.49	95.7	0.85	10,771	1.8	0.70	6.0	2.1	52	1405	5770	1686
1MC0501-6AU80-0CA3-Z	1MC0501U8C	1,250	992	87.50	95.9	0.86	12,034	1.8	0.70	6.0	2.3	56	1405	5960	1755
1MC0502-6AU80-0CA3-Z	1MC0502U8C	1,400	992	97.80	96.1	0.86	13,478	1.8	0.70	6.0	2.5	60	1583	6250	1861
1MC0503-6AU80-0CA3-Z	1MC0503U8C	1,600	993	111.66	96.2	0.86	15,388	1.8	0.70	6.0	2.8	64	1785	6380	1931
1MC0560-6AU80-0CA3-Z	1MC0560U8C	1,800	992	125.61	96.2	0.86	17,329	1.8	0.70	6.0	3.0	97	1565	7230	2234
1MC0561-6AU80-0CA3-Z	1MC0561U8C	2,000	992	137.82	96.3	0.87	19,254	1.8	0.70	6.0	3.3	105	1730	7510	2337
1MC0562-6AU80-0CA3-Z	1MC0562U8C	2,240	993	154.36	96.3	0.87	21,543	1.8	0.70	6.0	3.6	113	1943	7910	2489
1MC0563-6AU80-0CA3-Z	1MC0563U8C	2,500	993	172.28	96.3	0.87	24,043	1.8	0.70	6.0	4.0	121	2028	8190	2591

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

选型技术数据表 Technical Data Table

8 极 IM B3 IC01 10kV 50Hz

订货号 Order No.	型号 Type	额定 功率 P_N	额定 转速 n_N	额定 电流 I_N	效率 Efficiency (GB1032 -2012)	功率 因数 cos phi	额定 转矩 M_N	最大 转矩 $\frac{M_{max}}{M_N}$	堵转 转矩 $\frac{M_{st}}{M_N}$	堵转 电流 $\frac{I_{st}}{I_N}$	冷却 空气 流量 Cooling air	转动惯量 ¹⁾ Moment of Inertia		重量 Weight	
					4/4	4/4						电机 Motor	负载 external max. perm.	整机 total	转子 rotor
					%			Nm				kg m ²	kg m ²	kg	kg
1MC0400-6AU80-0DA3-Z	1MC0400U8D	250	740	20.47	92.8	0.76	3,226	1.80	0.70	6.0	0.9	15	858	2910	750
1MC0401-6AU80-0DA3-Z	1MC0401U8D	280	741	22.87	93.0	0.76	3,609	1.80	0.70	6.0	1.0	16	1128	3000	785
1MC0402-6AU80-0DA3-Z	1MC0402U8D	315	741	25.26	93.5	0.77	4,060	1.80	0.70	6.0	1.0	18	1268	3090	817
1MC0403-6AU80-0DA3-Z	1MC0403U8D	355	740	28.41	93.7	0.77	4,581	1.80	0.70	6.0	1.2	19	1125	3220	870
1MC0404-6AU80-0DA3-Z	1MC0404U8D	400	739	31.56	93.8	0.78	5,169	1.80	0.70	6.0	1.2	20	1338	3320	904
1MC0450-6AU80-0DA3-Z	1MC0450U8D	450	742	35.47	93.9	0.78	5,792	1.80	0.70	6.0	1.2	28	1300	3860	1031
1MC0451-6AU80-0DA3-Z	1MC0451U8D	500	742	38.71	94.4	0.79	6,435	1.80	0.70	6.0	1.3	30	1420	3990	1084
1MC0452-6AU80-0DA3-Z	1MC0452U8D	560	742	43.31	94.5	0.79	7,208	1.80	0.70	6.0	1.4	33	1540	4160	1139
1MC0453-6AU80-0DA3-Z	1MC0453U8D	630	742	46.74	94.9	0.82	8,108	1.80	0.70	6.0	1.6	36	1708	4410	1231
1MC0454-6AU80-0DA3-Z	1MC0454U8D	710	742	52.62	95.0	0.82	9,138	1.80	0.70	6.0	1.7	39	1753	4560	1286
1MC0500-6AU80-0DA3-Z	1MC0500U8D	800	743	59.17	95.2	0.82	10,283	1.80	0.70	6.0	1.7	58	1975	5500	1667
1MC0501-6AU80-0DA3-Z	1MC0501U8D	900	743	66.49	95.3	0.82	11,568	1.80	0.70	6.0	1.9	62	2035	5670	1737
1MC0502-6AU80-0DA3-Z	1MC0502U8D	1,000	743	72.84	95.5	0.83	12,853	1.80	0.70	6.0	2.0	66	2175	5990	1834
1MC0503-6AU80-0DA3-Z	1MC0503U8D	1,120	744	81.49	95.6	0.83	14,376	1.80	0.70	6.0	2.3	71	2345	6180	1904
1MC0560-6AU80-0DA3-Z	1MC0560U8D	1,250	743	90.76	95.8	0.83	16,067	1.80	0.70	6.0	2.3	116	2368	7090	2305
1MC0561-6AU80-0DA3-Z	1MC0561U8D	1,400	744	100.44	95.8	0.84	17,970	1.80	0.70	6.0	2.5	126	2635	7370	2414
1MC0562-6AU80-0DA3-Z	1MC0562U8D	1,600	744	114.79	95.8	0.84	20,538	1.80	0.70	6.0	2.9	136	2968	7850	2596
1MC0563-6AU80-0DA3-Z	1MC0563U8D	1,800	745	129.14	95.8	0.84	23,074	1.80	0.70	6.0	3.2	145	3613	8130	2707

¹⁾ 直接启动时的最大负载转动惯量是基于以下条件

- 启动电压不小于 0.85 倍额定电压 U_N
- 负载转矩与转速成平方关系
- 负载阻转矩不应超过额定转矩 M_N 的 35%

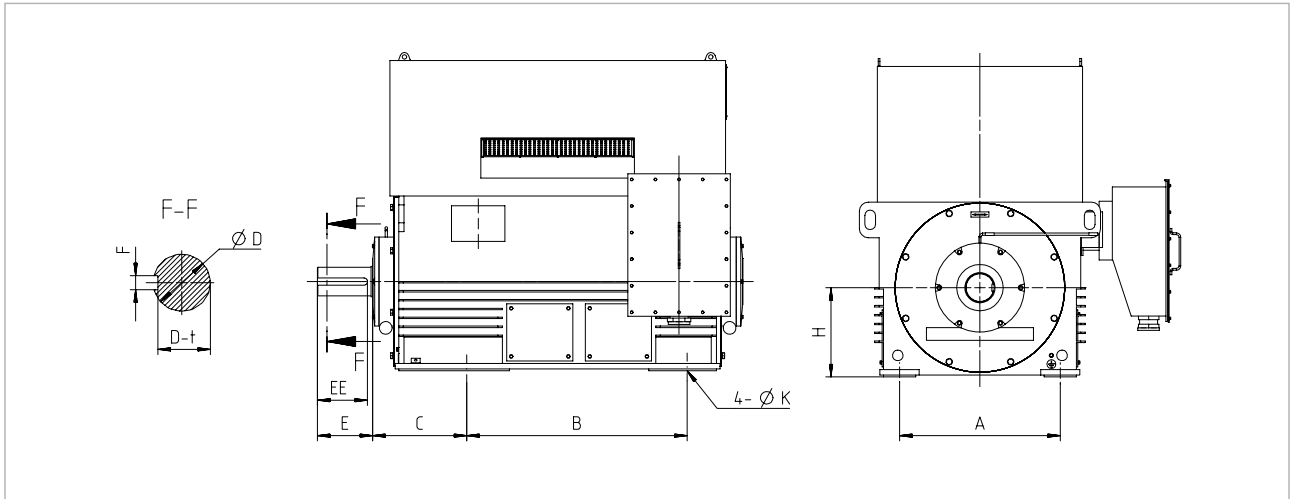
¹⁾ The maximum external moment of inertia for direct online starting is based on the following conditions :

- The starting voltage is not less than 0.85 x rated voltage U_N .
- The load torque increases approximately according to a square-law with the speed.
- The load torque should not exceed 35% rated torque M_N .

外形及安装尺寸图

Outline and Installation Dimensions

IMB3 IC01 10kV



H	2P	A		B		C		D		E	EE	F		t	H		K		
355	2	630	±1.4	900	±1.40	475	±4.0	90	m6	170	±0.50	160	25	9	355	0 -1.0	28	+0.52 0	
	4			1000	±1.75			210		±0.57	200	28	N9	+0.2 0					
	6			1000	±1.75			100		10									
400	2	710	±1.75	1000	±1.75	475	±4.0	100	m6	210	±0.57	200	28	10	400	0 -1.0	35	+0.62 0	
	4			1120				N9					+0.2 0						
	6			1000									11						
	8			1120				32					11						
	8			1000				32					11						
450	2	800	±1.75	1120	±1.75	475	±4.0	110	m6	250	±0.57	220	28	10	450	0 -1.0	35	+0.62 0	
	4			1250	±2.10			130					32	11					+0.2 0
	6			1120	±1.75			140					36	12					+0.3 0
	8			1250	±2.10			140					12	+0.3 0					
	8			1120	±1.75			140					12	+0.3 0					
	8			1250	±2.10			140					12	+0.3 0					
	8			1250	±2.10			140					12	+0.3 0					
500	4	900	±2.10	1250	±2.10	475	±4.0	150	m6	300	±0.65	280	36	12	500	0 -1.0	42	+0.62 0	
	6			1400				N9					+0.3 0						
	8			1250									13						
	8			1400				13											
560	4	1000	±2.10	1400	±2.10	500	±4.0	170	m6	300	±0.65	280	40	13	560	0 -1.0	42	+0.62 0	
	6			1600				N9					+0.3 0						
	8			1400									15						
	8			1600				15											

电机询价数据表

Motor Inquiry Data Sheet

姓名/Name:	邮件/E-Mail:
电话/Phone:	地点、日期/Place, Date:
询价单号/Quotation-number:	客户、项目/Customer, Project:
驱动设备/Driven machine:	数量/Quantity:
防护等级/Degree of protection:	海拔/Altitude:
安装方式/Type of construct(IM):	环境温度/Ambient temperature:
冷却方式/Cooling type:	冷却水温/Cooling water temp.:
标准/Standard:	防爆等级/Explosion protection:
旋转方向/Direction of rotation:	热分级/Thermal class:
轴承/Bearings:	噪声限值（声功率级）/Max. noise (sound presure level):

直接起动时的主要数据 /Key data for direct on line

电压/Rated voltage:	额定功率/Rated power:
电压波动/Voltage fluctuations:	额定转速/Rated speed:
额定频率/Rated frequency:	起动方式/Starting method:
频率波动/Frequency fluct:	效率/Efficiency:

如需起动计算，则需要填写以下内容：

If the run-up should be calculated, the following data are needed:

起动电压/Starting voltage:	需求功率/Required power:
起动电流/Starting current:	外部转动惯量/Ext. mom. of inertia: kgm²

变频驱动时的主要数据 /Key data for converter operation:

变频器型号/Converter type:	额定功率/Rated power:
额定电压/Rated voltage:	功率因数/Power factor:

其他备注/Other comments:

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订货号：E20001-A0648-C600-V2-5D00

726-SH902752-08151

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