

HPME Series

High Efficiency Integrated Permanent Magnet Synchronous Motor
一体式高效永磁同步电机



HPME 系列一体式高效永磁同步电机是一款专为二次供水应用而设计的驱控一体式产品，对外连接形式包含 B14/B5/B3/B34/B35。功率段包含 1.5~18.5kW，输出转速 3000rpm，可根据客户需求，定制其他输出功率 / 转速的电机。电机内置高效永磁体，效率可实现一级能效(GB30253-2013)。产品较通用异步电机外型小一至两个机座号，配置高可靠性轴承，保证使用寿命。电机采用同轴风扇冷却方式，冷却效果好，且无需增加额外的冷却装置。

The HPME series high efficiency integrated permanent magnet synchronous motor is a drive-control integrated product designed specifically for secondary water supply applications. The external connection forms include B14/B5/B3/B34/B35. The products rated power ranges from 18.5 kW, with the rated rotational speed range from 3000 rpm. Other output power/speed motor can be customized according to the needs. The motor has built-in high efficiency permanent magnets and the efficiency can reach grade 1 energy efficiency (GB30253-2013). The product is one to two smaller frame sizes than the general-purpose asynchronous motors, and equipped with high-reliability bearings to ensure the long service life. The motor adopts the coaxial fan cooling method, which has a satisfy cooling effect and does not need to add an additional cooling device.

产品特点 Product Features



寿命更长
Longer life



高效节能
Energy efficient



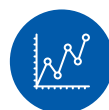
热耗更低
Lower consumption



噪音更低
Lower noise



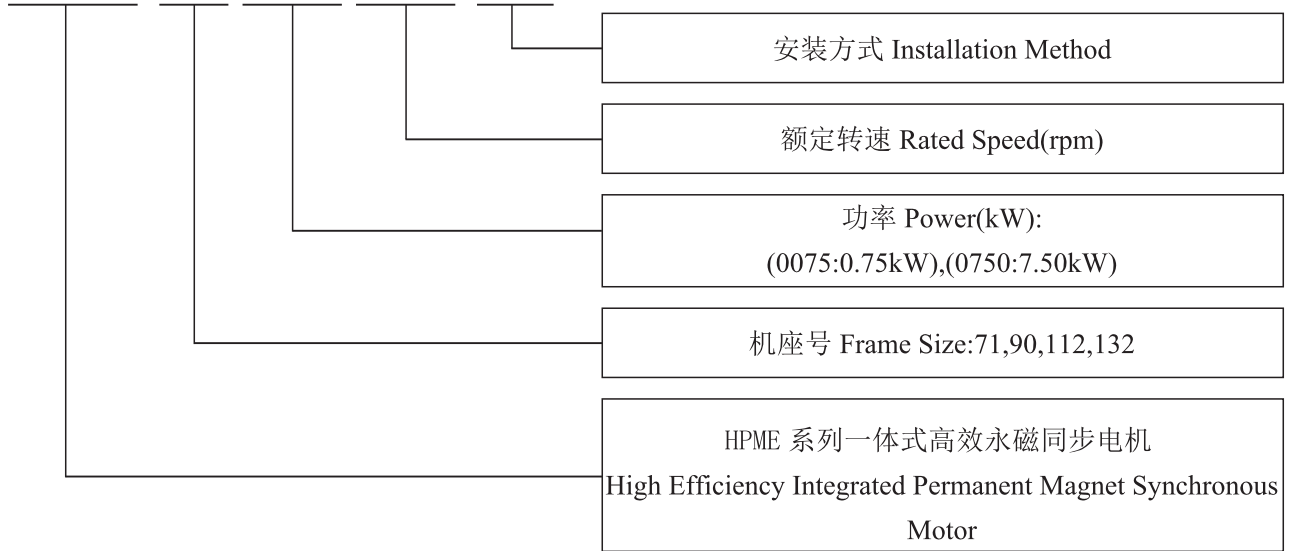
智能监控
Intelligent monitoring



定制设计
Custom design

命名规则 Naming Rule

HPME-112-0750-3000-V18



【e.g. HPME-112-0750-3000-V18】

【HPME 系列一体式高效永磁同步电机, 机座号 112, 功率 7.5kW, 额定转速 3000rpm, 安装方式 V18。】

【HPME Series High Efficiency Integrated Permanent Magnet Synchronous Motor, Frame Size:112, Power 7.5kW, Rated Speed 3000rpm, Installation Method V18.】

轴承选用 Bearing Selection

- (1) 轴承可选用 SKF 或国产一线品牌。
- (2) 71 机座前轴承选用深沟球轴承 6305-2Z/C3, 后轴承选用深沟球轴承 6205-2Z/C3。
- (3) 90 机座前、后轴承选用深沟球轴承 6306-2Z/C3。
- (4) 112 机座前轴承选用角接触轴承 7308BE-2RZP (注油: 角接触轴承 7308BEP), 后轴承选用深沟球轴承 6308-2Z/C3。
- (5) 132 机座前轴承选用角接触轴承 7309BE-2RZP (注油: 角接触轴承 7309BEP), 后轴承选用深沟球轴承 6309-2Z/C3。
- (6) 132 机座可以根据泵的轴向力、工况选用深沟球轴承 6309-2Z/C3。

- (1) Bearings can be selected from SKF or domestic first-line brands.
- (2) The front bearing of the 71 machine seat uses deep groove ball bearing 6305-2Z/C3, and the rear bearing uses deep groove ball bearing 6205-2Z/C3.
- (3) The front and rear bearings of the 90 machine seat use deep groove ball bearing 6306-2Z/C3.
- (4) The front bearing of the 112 machine seat uses angular contact ball bearing 7308BE-2RZP (grease: angular contact ball bearing 7308BEP), and the rear bearing uses deep groove ball bearing 6308-2Z/C3.
- (5) The front bearing of the 132 machine seat uses angular contact ball bearing 7309BE-2RZP (grease: angular contact ball bearing 7309BEP), and the rear bearing uses deep groove ball bearing 6309-2Z/C3.
- (6) The 132 machine seat can use deep groove ball bearing 6309-2Z/C3 according to the axial force and working conditions of the pump.

变频器参数 Inverter Parameters

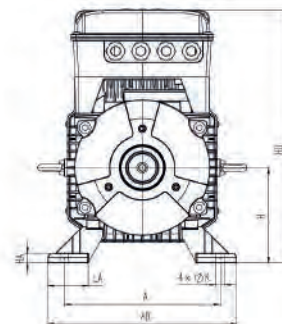
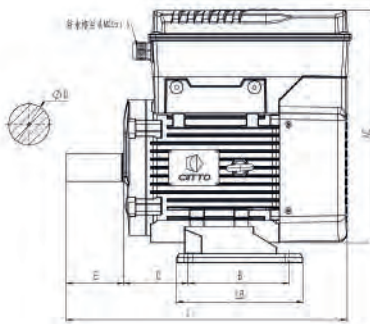
变频器参数 Inverter parameters			
功率输入 Input power	输入电压范围 Input voltage range:	交流三相380V±15% 3-phase, 380V, ±15%	
	输入频率范围 Input Frequency:	47Hz~63Hz	
功率输出 Output power	输出电压范围 Output voltage range	交流三相0~380V 3-phase 0~380V	
	输出频率范围 Output frequency range:	0Hz~600Hz	
驱动负载 Driving load	控制模式 Control mode	①速度控制 Speed control ②转矩控制 Torque control	
控制特性 Control feature	控制方式 Control mode	①V/F控制方式 V/F control mode ②有矢量控制 Transmission vector control ③无矢量控制 No transmission vector control	
	调速范围 Speed range	0~600Hz	
	速度控制精度 Speed control accuracy	±0.5%	
	速度波动 Speed fluctuation	±0.5%	
	转矩响应 Torque response	10ms	
	压力调节精度 Accuracy pressure regulator	0.1bar	
	控制最大压力 Control maximum pressure	50bar	
	起动转矩 Starting torque	① 0.25Hz/150% (SVC) ② 0Hz/180% (FVC)	
	载波频率 Carrier frequency	0.5kHz~16kHz	
	转矩提升 Torque boost	0.1%~30%	
	过载能力 Overload capacity	110%额定电流60s 110%, 60s	
运行 Operates	输入端子 Input terminal	①数字量输入接口 Digital input: 3路 ②模拟量输入接口 Analog input: AI1: 4~20mA或0~10V, AI2: 4~20mA或0~10V;	
	输出端子 Output terminal	①继电器输出接口 Relay output: 1路, 触点驱动能力 1. AC250V, 3A 2. DC30V, 1A; ②模拟量输出接口 Analog output: AO: 4~20mA或0~10V; ③数值量输出接口 Digital output: DO支持脉冲或是 OC 输出;	
其他 Other	安装方式 Installation Method	背负式 Backpack	
	防护等级 Degree of protection	IP55	
	冷却方式 Cooling method	IC411	
变频器功能特性 Inverter functional performance			
基本功能 Basic functions	V/F曲线 V/f curve	直线型、多点型、平方型, 完全V/F分离、不完全V/F分离。 Linear, multi-point, square, complete V/F separation, incomplete V/F separation.	
	加减速曲线 Acceleration and deceleration curves	直线或S曲线加减速方式 Linear or S-curve acceleration and deceleration	
	直流制动 DC injection braking	直流制动起始频率: 0.00Hz~最大频率; DC braking start frequency: 0.00Hz~maximum frequency; 制动时间 Braking time: 0.0s~36.0s; 制动动作电流值 Braking action current value: 0.0%~100.0%。	
特色功能 Special functions	参数拷贝、参数备份、最多20组故障记录、掉电自动重启功能、多机互联功能、液晶屏显示等功能 Parameter copying, parameter backup, up to 20 sets of fault records, automatic restart function of power failure, multi-machine interconnection function, LCD screen display and other functions.		
保护功能 Protection functions	提供各种故障报警保护功能: 不仅支持传统的过压、过流、欠压、高温、低温、缺相、过载等功能 还支持堵转、缺水、传感器故障等保护功能 Provide a variety of fault alarm protection functions: not only support the overcurrent, overvoltage, undervoltage, high temperature, low temperature, phase-loss, overload and other functions. It also supports the block turn, water shortage, inverter unit and other functions.		
使用环境 Operational environment	使用场所 Application	不允许控制器安装在接近电磁辐射源、存在大气污染的地方, 如粉尘等地方 The inverter is not allowed to be installed in places close to electromagnetic radiation sources and atmospheric pollution, such as dust.	
	海拔环境 Altitude above sea level	最高1000m, 超过1000m, 每升高100m降额1%使用, 可安装最高海拔3000m 1000m(Over 1000m, 1% reduction per 100m increase, with the maximum elevation of 3000m	
	环境温度 Ambient temperature:	10℃~40℃, 超过40℃, 每升高1℃电流降额4%使用, 最大工作环境温度不大于50℃; -10℃~40℃(Over 40℃, each 1℃ increased current decrease is 4%, and the maximum working environment temperature is not greater than 50℃)	

技术参数 Technical Parameters

- * 使用环境 -20℃~40℃ - 工作制 S1 - 服务系数 1.2 - 绝缘等级 F - 防护等级 IP55 - 冷却方式 IC411- 国标一级能效
 * Operational environment - 20℃~40℃ - Continuous duty S1 - Service factor 1.2 - Insulation class F - Protection class IP55
 * Cooling methods IC411- Grade 1 energy efficiency

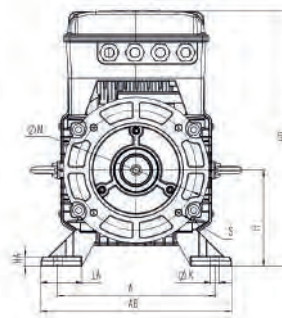
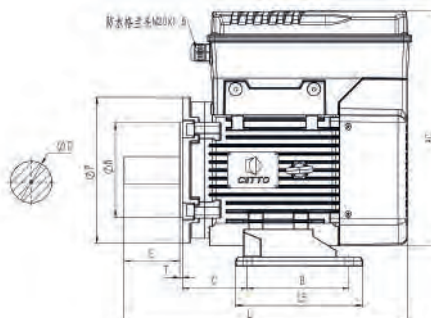
HPME 系列一体式高效永磁同步电机 HPME Series High Efficiency Integrated Permanent Magnet Synchronous Motor													
型号 Model	机座号 Frame size	额定功率 Rated power (kW)	额定频率 Rated Frequency (Hz)	额定电压 Rated voltage (V)	额定电流 Rated current (A)	额定转矩 Rated torque (N.m)	额定转速 Rated speed (r/min)	效率 Efficiency (η %)	功率因数 Power factor (Cos φ)	重量 Weight (kg)	法兰材质 Flange material	注油孔 Oil hole	轴伸端键槽 Keyway
HPME-71-0150-3000	71	1.5	200	380	2.79	4.78	3000	90.9	0.949	10.72	铝 Aluminum	无	无
HPME-71-0220-3000	71	2.2	200	380	4.15	7.00	3000	91.8	0.954	12.52	铝 Aluminum	无	无
HPME-90-0300-3000	90	3	200	380	5.65	9.55	3000	92.6	0.925	16.04	铝 Aluminum	无	无
HPME-90-0400-3000	90	4	200	380	7.3	12.73	3000	93.3	0.923	17.12	铝 Aluminum	无	无
HPME-90-0450-3000	90	4.5	200	380	8.3	14.33	3000	93.5	0.923	18.375	铝 Aluminum	无	无
HPME-112-0550-3000	112	5.5	200	380	10.2	17.51	3000	94	0.964	28.64	铁 Metal	无	无
HPME-112-0550-3000	112	5.5	200	380	10.2	17.51	3000	94	0.964	28.64	铁 Metal	无	标准A型键
HPME-112-0550-3000	112	5.5	200	380	10.2	17.51	3000	94	0.964	28.64	铁 Metal	有	无
HPME-112-0550-3000	112	5.5	200	380	10.2	17.51	3000	94	0.964	28.64	铁 Metal	有	标准A型键
HPME-112-0750-3000	112	7.5	200	380	13.9	23.88	3000	94.5	0.969	29.63	铁 Metal	无	无
HPME-112-0750-3000	112	7.5	200	380	13.9	23.88	3000	94.5	0.969	29.63	铁 Metal	无	标准A型键
HPME-112-0750-3000	112	7.5	200	380	13.9	23.88	3000	94.5	0.969	29.63	铁 Metal	有	无
HPME-112-0750-3000	112	7.5	200	380	13.9	23.88	3000	94.5	0.969	29.63	铁 Metal	有	标准A型键
HPME-132-1100-3000	132	11	200	380	20.42	35.02	3000	95	0.919	49.6	铁 Metal	无	无
HPME-132-1100-3000	132	11	200	380	20.42	35.02	3000	95	0.919	49.6	铁 Metal	无	标准A型键
HPME-132-1100-3000	132	11	200	380	20.42	35.02	3000	95	0.919	49.6	铁 Metal	有	无
HPME-132-1100-3000	132	11	200	380	20.42	35.02	3000	95	0.919	49.6	铁 Metal	有	标准A型键
HPME-132-1500-3000	132	15	200	380	27.04	47.75	3000	95.3	0.909	57.6	铁 Metal	无	无
HPME-132-1500-3000	132	15	200	380	27.04	47.75	3000	95.3	0.909	57.6	铁 Metal	无	标准A型键
HPME-132-1500-3000	132	15	200	380	27.04	47.75	3000	95.3	0.909	57.6	铁 Metal	有	无
HPME-132-1500-3000	132	15	200	380	27.04	47.75	3000	95.3	0.909	57.6	铁 Metal	有	标准A型键
HPME-132-1850-3000	132	18.5	200	380	34.4	58.89	3000	95.6	0.92	65.2	铁 Metal	无	无
HPME-132-1850-3000	132	18.5	200	380	34.4	58.89	3000	95.6	0.92	65.2	铁 Metal	无	标准A型键
HPME-132-1850-3000	132	18.5	200	380	34.4	58.89	3000	95.6	0.92	65.2	铁 Metal	有	无
HPME-132-1850-3000	132	18.5	200	380	34.4	58.89	3000	95.6	0.92	65.2	铁 Metal	有	标准A型键

B3 外形及安装尺寸 Outline and Installation Dimensions



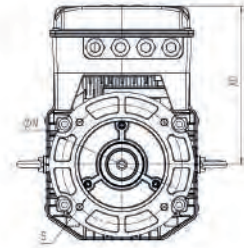
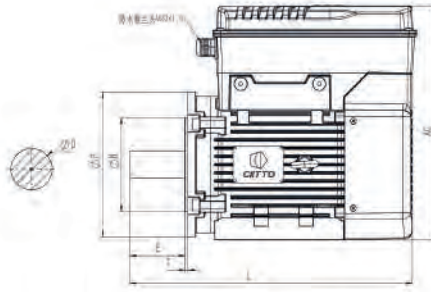
安装方式 Installation method	机座号 Frame Size	外形尺寸 Overall Dimensions							安装尺寸 Mounting Dimensions						
		L	HD	AB	HA	LA	LB	AC	A	B	C	D	E	H	K
B3	71	Max310	Max272	163	9	38	125	248	140	100	56	24	50	90	10
	90	Max341	Max315	226	13	45	175	287	190	140	70	28	56	112	12
	112	Max391	Max352	262	13	56	175	323	216	140	89	38	80	132	12
	132	Max526	Max404	306	18	64	259	367	254	210	108	42	110	160	14.5

B34 外形及安装尺寸 Outline and Installation Dimensions



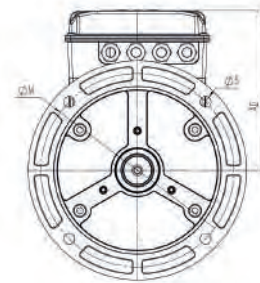
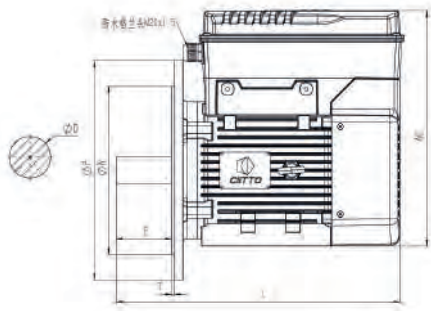
安装方式 Installation method	机座号 Frame Size	外形尺寸 Overall Dimensions							安装尺寸 Mounting Dimensions										
		L	P	LA	LB	HD	AB	HA	AC	A	B	C	D	E	H	K	T	S	M
B34	71	Max310	140	38	125	Max272	163	9	248	140	100	56	24	47	90	10	3	M8	115
	90	Max341	161	45	175	Max315	226	13	284	190	140	70	28	56	112	12	4	M8	130
	112	Max391	200	56	175	Max352	262	13	323	216	140	89	38	76	132	12	4	M10	165
	132	Max526	200	64	259	Max404	306	18	367	254	210	108	42	106	160	14.5	4	M10	165

B14 外形及安装尺寸 Outline and Installation Dimensions



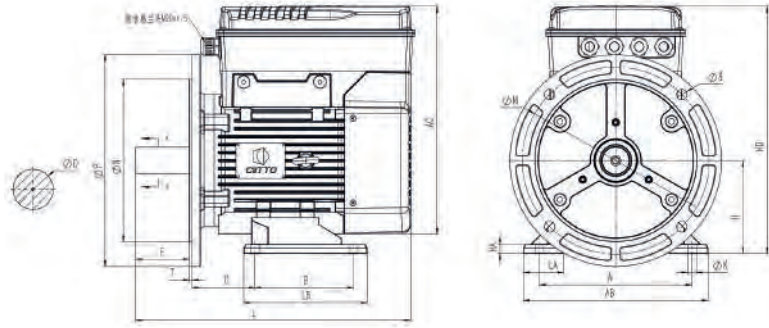
安装方式 Installation method	机座号 Frame Size	外形尺寸 Overall Dimensions				安装尺寸 Mounting Dimensions					
		L	AD	AC	P	D	N	E	T	S	M
B14	71	Max310	180	248	140	24	95	47	3	M8	115
	90	Max341	201	287	161	28	110	56	4	M8	130
	112	Max391	219	323	200	38	130	76	4	M10	165
	132	Max526	242	367	200	42	130	106	4	M10	165

B5 外形及安装尺寸 Outline and Installation Dimensions



安装方式 Installation method	机座号 Frame Size	外形尺寸 Overall Dimensions				安装尺寸 Mounting Dimensions					
		L	AD	AC	P	D	N	E	T	S	M
B5	71	Max310	180	248	200	24	130	47	3	12	165
	90	Max341	201	287	250	28	180	56	4	15	215
	112	Max391	219	323	300	38	230	76	4	15	265
	132	Max526	242	367	350	42	250	105	5	19	300

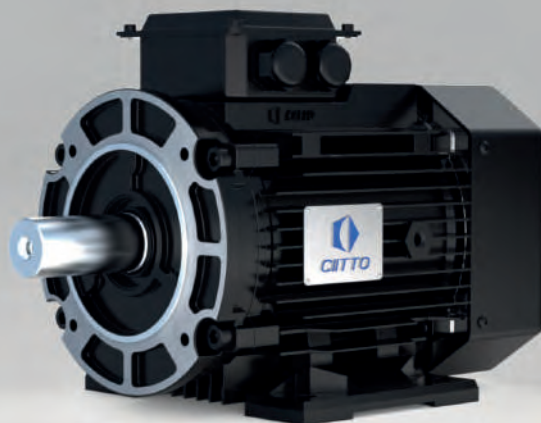
B35 外形及安装尺寸 Outline and Installation Dimensions



安装方式 Installation method	机座号 Frame Size	外形尺寸 Overall Dimensions								安装尺寸 Mounting Dimensions										
		L	HD	AB	HA	LA	LB	AC	P	D	N	E	T	A	B	C	K	H	S	M
B35	71	Max310	Max272	163	9	38	125	248	200	24	130	47	3	140	100	56	10	90	12	165
	90	Max341	Max315	226	13	45	175	284	250	28	180	56	4	190	140	70	12	112	15	215
	112	Max391	Max352	262	13	56	175	323	300	38	230	76	4	216	140	89	12	132	15	265
	132	Max526	Max404	306	18	64	260	367	350	42	250	105	5	254	210	108	14.5	160	19	300

HPMS Series

High Efficiency Permanent Magnet
Synchronous Motor
分体式高效永磁同步电机



HPMS 系列分体式高效永磁同步电机是一款专为二次供水应用而设计的产品，对外连接形式包含 B14/B5/B3/B34/B35。功率段包含 1.5~200kW，输出转速 750~3000rpm，可根据客户需求，定制其他输出功率 / 转速的电机。电机内置高效永磁体，效率可实现一级能效 (GB30253-2013)。产品较通用异步电机外型小一至两个机座号，配置高可靠性轴承，保证使用寿命。电机采用同轴风扇冷却方式，冷却效果好，且无需增加额外的冷却装置。

The HPMS series high efficiency permanent magnet synchronous motor is a product designed specifically for secondary water supply applications. The external connection forms include B14/B5/B3/B34/B35. The products rated power ranges from 1.5~200 kW, with the rated rotational speed range from 750~3000 rpm. Other output power/speed motor can be customized according to the needs. The motor has built-in high efficiency permanent magnets and the efficiency can reach grade 1 energy efficiency (GB30253-2013). The product is one to two smaller frame sizes than the general-purpose asynchronous motors, and equipped with high-reliability bearings to ensure the long service life. The motor adopts the coaxial fan cooling method, which has a satisfy cooling effect and does not need to add an additional cooling device.

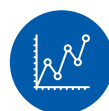
产品特点 Product Features



寿命更长
Longer life



高效节能
Energy efficient



热耗更低
Lower consumption



噪音更低
Lower noise



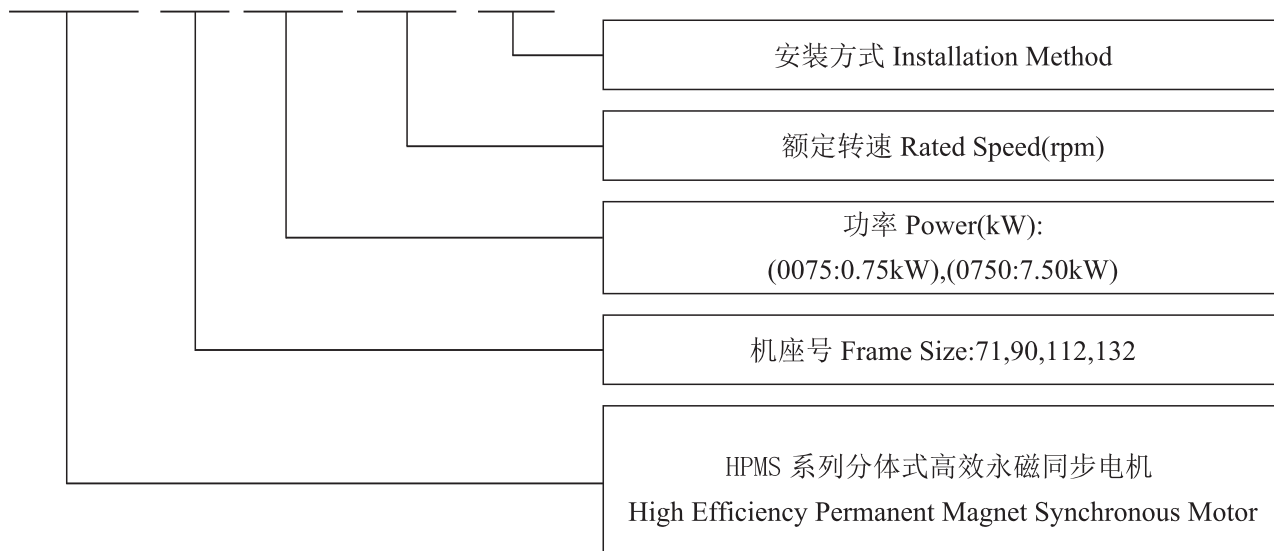
智能监控
Intelligent monitoring



定制设计
Custom design

命名规则 Naming Rule

HPMS-112-0750-3000-V18



【e.g. HPMS-112-0750-3000-V18】

【HPMS 系列分体式高效永磁同步电机, 机座号 112, 功率 7.5kW, 额定转速 3000rpm, 安装方式 V18.】

【HPMS Series High Efficiency Permanent Magnet Synchronous Motor, Frame Size:112, Power 7.5kW, Rated Speed 3000rpm, Installation Method V18.】

轴承选用 Bearing Selection

- (1) 轴承可选用 SKF 或国产一线品牌。
- (2) 71 机座前轴承选用深沟球轴承 6305-2Z/C3, 后轴承选用深沟球轴承 6205-2Z/C3。
- (3) 90 机座前、后轴承选用深沟球轴承 6306-2Z/C3。
- (4) 112 机座前轴承选用角接触轴承 7308BE-2RZP (注油: 角接触轴承 7308BEP), 后轴承选用深沟球轴承 6308-2Z/C3。
- (5) 132 机座前轴承选用角接触轴承 7309BE-2RZP (注油: 角接触轴承 7309BEP), 后轴承选用深沟球轴承 6309-2Z/C3。
- (6) 132 机座可以根据泵的轴向力、工况选用深沟球轴承 6309-2Z/C3。

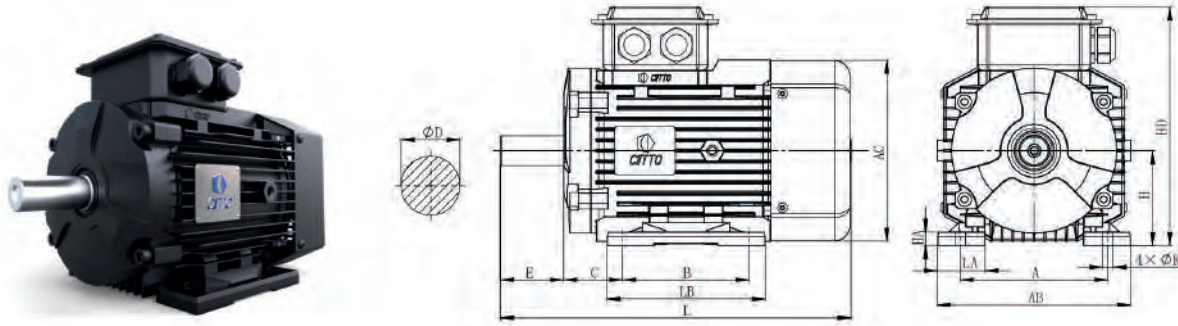
- (1) Bearings can be selected from SKF or domestic first-line brands.
- (2) The front bearing of the 71 machine seat uses deep groove ball bearing 6305-2Z/C3, and the rear bearing uses deep groove ball bearing 6205-2Z/C3.
- (3) The front and rear bearings of the 90 machine seat use deep groove ball bearing 6306-2Z/C3.
- (4) The front bearing of the 112 machine seat uses angular contact ball bearing 7308BE-2RZP (grease: angular contact ball bearing 7308BEP), and the rear bearing uses deep groove ball bearing 6308-2Z/C3.
- (5) The front bearing of the 132 machine seat uses angular contact ball bearing 7309BE-2RZP (grease: angular contact ball bearing 7309BEP), and the rear bearing uses deep groove ball bearing 6309-2Z/C3.
- (6) The 132 machine seat can use deep groove ball bearing 6309-2Z/C3 according to the axial force and working conditions of the pump.

技术参数 Technical Parameters

- * 使用环境 -20℃~40℃ - 工作制 S1 - 服务系数 1.2 - 绝缘等级 F - 防护等级 IP55 - 冷却方式 IC411- 国标一级能效
 * Operational environment - 20℃~40℃ - Continuous duty S1 - Service factor 1.2 - Insulation class F - Protection class IP55
 * Cooling methods IC411- Grade 1 energy efficiency

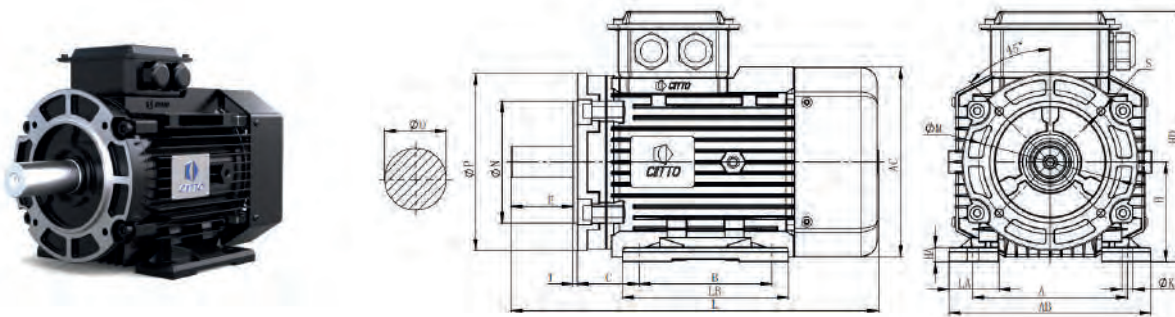
HPMS系列分体式高效永磁同步电机 HPMS Series High Efficiency Permanent Magnet Synchronous Motor													
型号 Model	机座号 Frame size	额定功率 Rated power (kW)	额定频率 Rated Frequency (Hz)	额定电压 Rated voltage (V)	额定电流 Rated current (A)	额定转矩 Rated torque (N.m)	额定转速 Rated speed (r/min)	效率 Efficiency (η%)	功率因数 Power factor (Cosφ)	重量 Weight (kg)	法兰材质 Flange material	注油孔 Oil hole	轴伸端键槽 Keyway
HPMS-71-0150-3000	71	1.5	200	380	2.79	4.78	3000	90.9	0.949	7.5	铝 Aluminum	无	无
HPMS-71-0220-3000	71	2.2	200	380	4.15	7.00	3000	91.8	0.954	9.3	铝 Aluminum	无	无
HPMS-90-0300-3000	90	3	200	380	5.65	9.55	3000	92.6	0.925	12.4	铝 Aluminum	无	无
HPMS-90-0400-3000	90	4	200	380	7.3	12.73	3000	93.3	0.923	13.6	铝 Aluminum	无	无
HPMS-90-0450-3000	90	4.5	200	380	8.3	14.33	3000	93.5	0.923	14.7	铝 Aluminum	无	无
HPMS-112-0550-3000	112	5.5	200	380	10.2	17.51	3000	94	0.964	22.3	铁 Metal	无	无
HPMS-112-0550-3000	112	5.5	200	380	10.2	17.51	3000	94	0.964	22.3	铁 Metal	无	标准A型键
HPMS-112-0550-3000	112	5.5	200	380	10.2	17.51	3000	94	0.964	22.3	铁 Metal	有	无
HPMS-112-0550-3000	112	5.5	200	380	10.2	17.51	3000	94	0.964	22.3	铁 Metal	有	标准A型键
HPMS-112-0750-3000	112	7.5	200	380	13.9	23.88	3000	94.5	0.969	23.4	铁 Metal	无	无
HPMS-112-0750-3000	112	7.5	200	380	13.9	23.88	3000	94.5	0.969	23.4	铁 Metal	无	标准A型键
HPMS-112-0750-3000	112	7.5	200	380	13.9	23.88	3000	94.5	0.969	23.4	铁 Metal	有	无
HPMS-112-0750-3000	112	7.5	200	380	13.9	23.88	3000	94.5	0.969	23.4	铁 Metal	有	标准A型键
HPMS-132-1100-3000	132	11	200	380	20.42	35.02	3000	95	0.919	41.7	铁 Metal	无	无
HPMS-132-1100-3000	132	11	200	380	20.42	35.02	3000	95	0.919	41.7	铁 Metal	无	标准A型键
HPMS-132-1100-3000	132	11	200	380	20.42	35.02	3000	95	0.919	41.7	铁 Metal	有	无
HPMS-132-1100-3000	132	11	200	380	20.42	35.02	3000	95	0.919	41.7	铁 Metal	有	标准A型键
HPMS-132-1500-3000	132	15	200	380	27.04	47.75	3000	95.3	0.909	49.7	铁 Metal	无	无
HPMS-132-1500-3000	132	15	200	380	27.04	47.75	3000	95.3	0.909	49.7	铁 Metal	无	标准A型键
HPMS-132-1500-3000	132	15	200	380	27.04	47.75	3000	95.3	0.909	49.7	铁 Metal	有	无
HPMS-132-1500-3000	132	15	200	380	27.04	47.75	3000	95.3	0.909	49.7	铁 Metal	有	标准A型键
HPMS-132-1850-3000	132	18.5	200	380	34.4	58.89	3000	95.6	0.92	57.3	铁 Metal	无	无
HPMS-132-1850-3000	132	18.5	200	380	34.4	58.89	3000	95.6	0.92	57.3	铁 Metal	无	标准A型键
HPMS-132-1850-3000	132	18.5	200	380	34.4	58.89	3000	95.6	0.92	57.3	铁 Metal	有	无
HPMS-132-1850-3000	132	18.5	200	380	34.4	58.89	3000	95.6	0.92	57.3	铁 Metal	有	标准A型键

B3 外形及安装尺寸 Outline and Installation Dimensions



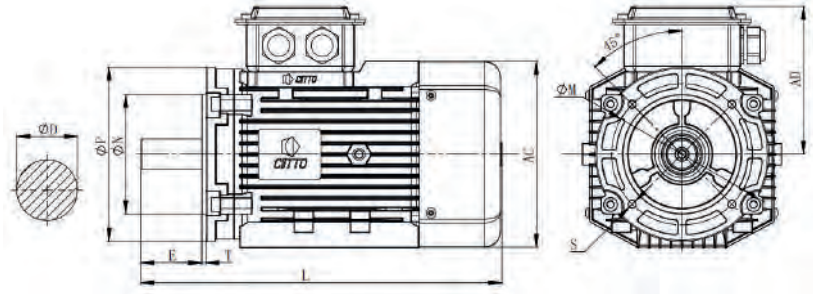
安装方式 Installation method	机座号 Frame Size	外形尺寸 Overall Dimensions							安装尺寸 Mounting Dimensions						
		L	HD	AB	HA	LA	LB	AC	A	B	C	D	E	H	K
B3	71	302.5	200	138	10	38	125	134	112	100	56	24	50	90	10
	90	332.5	248	183	13	45	175	171	140	140	70	28	60	112	12
	112	390.5	283	228	15	56	175	207	190	140	89	38	80	132	12
	132	529.5	343	262	18	64	259	249	262	210	108	42	110	160	14.5

B34 外形及安装尺寸 Outline and Installation Dimensions



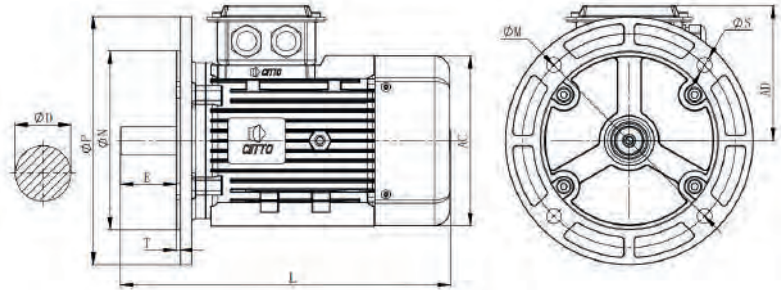
安装方式 Installation method	机座号 Frame Size	外形尺寸 Overall Dimensions								安装尺寸 Mounting Dimensions									
		L	P	LA	LB	HD	AB	HA	AC	A	B	C	D	E	H	K	T	S	M
B34	71	302.5	140	38	125	181	163	9	134	112	119	45	24	47	90	10	3	M8	115
	90	332.5	160	45	175	226	226	13	171	140	120	56	28	56	112	12	4	M8	130
	112	390.5	200	56	175	263	262	13	207	190	124	70	38	76	132	12	4	M10	165
	132	529.5	200	64	259	315	306	18	249	262	167	89	42	106	160	14.5	4	M10	165

B14 外形及安装尺寸 Outline and Installation Dimensions



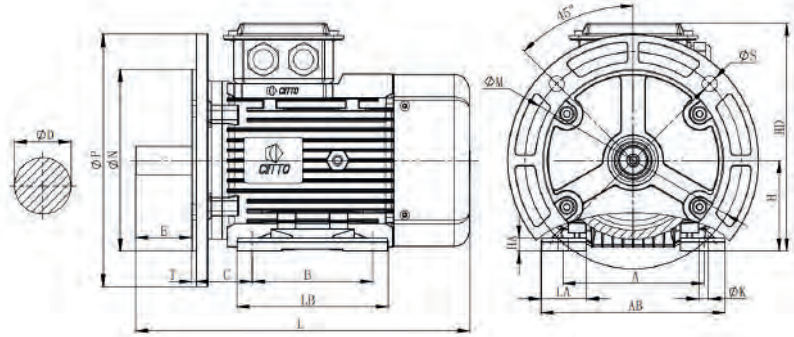
安装方式 Installation method	机座号 Frame Size	外形尺寸 Overall Dimensions				安装尺寸 Mounting Dimensions					
		L	AD	AC	P	D	N	E	T	S	M
B14	71	302.5	110	134	140	24	95	47	3	M8	115
	90	332.5	136	171	160	28	110	56	4	M8	130
	112	390.5	151	207	200	38	130	76	4	M10	165
	132	529.5	183	249	200	42	130	106	4	M10	165

B5 外形及安装尺寸 Outline and Installation Dimensions



安装方式 Installation method	机座号 Frame Size	外形尺寸 Overall Dimensions				安装尺寸 Mounting Dimensions					
		L	AD	AC	P	D	N	E	T	S	M
B5	71	302.5	110	134	200	24	130	45	5	12	165
	90	332.5	136	171	250	28	180	56	4	15	215
	112	390.5	151	207	300	38	230	76	4	15	265
	132	529.5	183	249	350	42	250	105	5	19	300

B35 外形及安装尺寸 Outline and Installation Dimensions



安装方式 Installation method	机座号 Frame Size	外形尺寸 Overall Dimensions								安装尺寸 Mounting Dimensions										
		L	HD	AB	HA	LA	LB	AC	P	D	N	E	T	A	B	C	K	H	S	M
B35	71	302.5	200	163	9	38	125	134	200	24	130	45	5	140	100	56	10	90	12	165
	90	332.5	248	226	13	45	175	171	250	28	180	56	4	190	140	70	12	112	15	215
	112	390.5	283	262	13	56	175	207	300	38	230	76	4	216	140	89	12	132	15	265
	132	529.5	343	306	18	64	260	249	350	42	250	105	5	254	210	108	14.5	160	19	300