

## 产品概述 Product Overviews

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### QPM Series

高效永磁同步潜水电机  
High Efficiency Permanent Magnet  
Synchronous Submersible Motor



屏蔽式井用潜水泵永磁同步电机是一款为抽取地下水的水泵配套设计的专用电机。

本产品与水接触部件采用 304 不锈钢材质，同时使用乙二醇溶液保证推力轴承组件与水润滑轴承的冷却与润滑，并通过电机与水泵直联的结构形式进行潜水作业，将地下水提取到地表。还可配置 PT100 温度传感器，可拆卸式电缆接头使其维护更加方便快捷。

适用于普通水井、沙水井、高温热水井、高楼供水及恒压变频供水系统。具有高效、节能、低噪音、长寿命等特点。

Permanent magnet synchronous motor for shielded submersible pump is a special motor designed for pumps pumping groundwater.

Material structure: The parts of this product in contact with water are made of 304 stainless steel, and ethylene glycol solution is used to ensure the cooling and lubrication of thrust bearing assembly and water lubricated bearing. Diving operation is carried out by the structure of direct connection between motor and water pump, and groundwater is extracted to the surface. It can also be equipped with PT100 temperature sensor, and the detachable cable connector makes it easier and faster to maintain.

Scope of application: It is suitable for ordinary water wells, sand wells, high temperature hot water wells, high-rise water supply and constant pressure frequency conversion water supply system. It has the characteristics of high efficiency, energy saving, low noise and long service life.

## 产品特点 Product Features

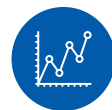
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节能高效  
Energy efficient



安装简易  
Easy installation



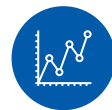
维护便捷  
Quick maintenance



安全可靠  
Safe and reliable



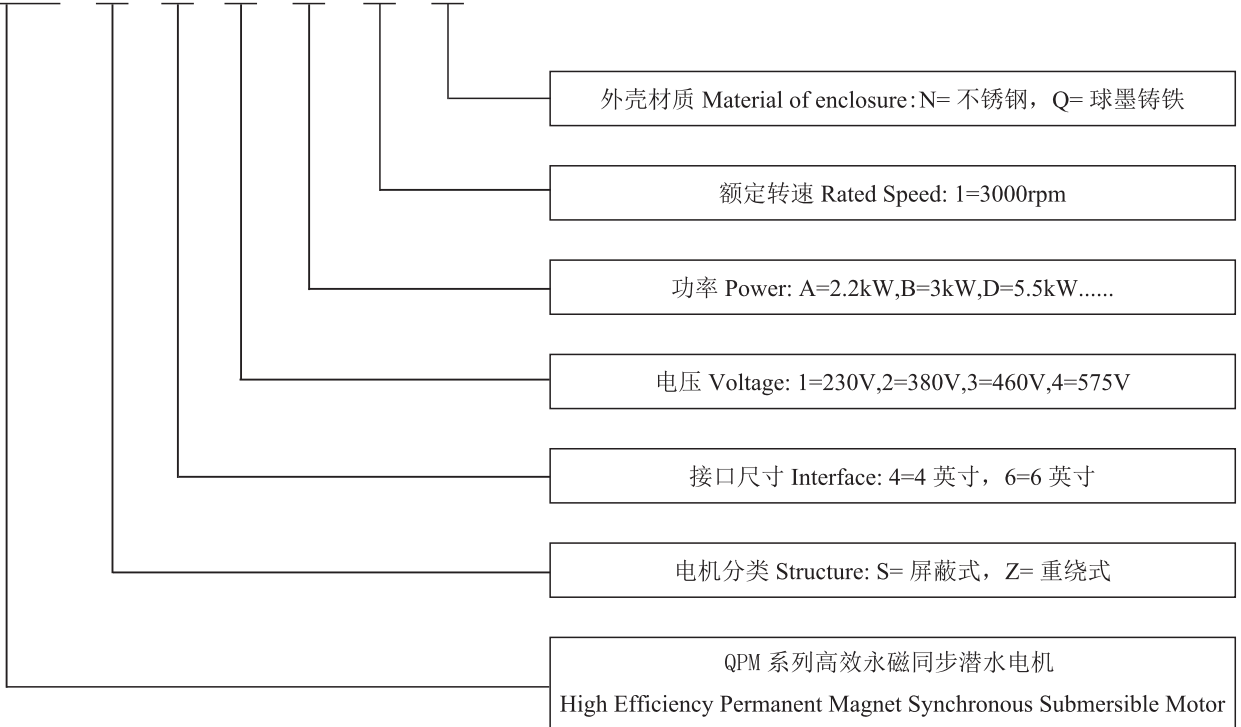
防腐设计  
Anticorrosive design



寿命较长  
Longer life

## 命名规则 Naming Rule

QPM - S - 6 - 2 - A - 1 - N



【e.g. QPM-S-6-2-A-1-N】

【QPM 系列高效永磁同步潜水电机，屏蔽式 6 英寸，电压 380V，功率 2.2kW，额定转速 3000rpm，不锈钢材质。】

【High Efficiency Permanent Magnet Synchronous Submersible Motor, Screened 6 inches, Voltage 380V, Power 2.2kW, Rated Speed 3000rpm, Stainless Steel】

## 应用领域 Application Fields

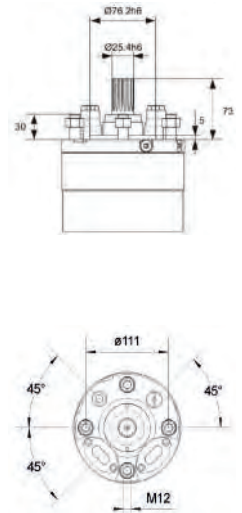
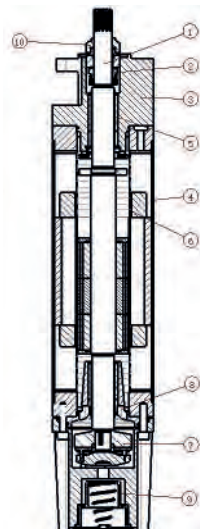


## 产品参数 Product Parameters

电机型号 Motor type	额定功率 Rated power (kW)	额定转速 Rated speed (rpm)	额定电压 Rated voltage (V)	额定转矩 Rated torque (N.m)	额定电流 Rated current (A)	额定频率 Rated frequency (Hz)	效率 Efficiency (η%)	防护等级 Protection class	绝缘等级 Insulation class
QPMS62A1N	2.2	3000	380	7.00	5.86	150	77.80	IP68	F
QPMS62B1N	3	3000	380	9.55	6.10	150	80.50	IP68	F
QPMS62C1N	4	3000	380	12.73	8.00	150	82.80	IP68	F
QPMS62D1N	5.5	3000	380	17.51	11.10	150	85.00	IP68	F
QPMS62E1N	7.5	3000	380	23.88	14.70	150	86.20	IP68	F
QPMS62F1N	9.2	3000	380	29.29	18.50	150	86.50	IP68	F
QPMS62G1N	11	3000	380	35.02	22.00	150	87.30	IP68	F
QPMS62H1N	13	3000	380	41.38	25.50	150	87.80	IP68	F
QPMS62J1N	15	3000	380	47.75	28.70	150	88.00	IP68	F
QPMS62K1N	18.5	3000	380	58.89	36.00	150	88.40	IP68	F
QPMS62L1N	22	3000	380	70.03	43.00	150	88.70	IP68	F
QPMS62M1N	26	3000	380	82.77	51.00	150	88.90	IP68	F

## 外形及安装尺寸 Outline and Installation Dimensions

号码	组件	COMPONENT	MATE
1	轴	Shaft	AISI 304
2	机械密封	Mechanical seal	Sic-Sic
3	上支架	Upper bracket	AISI 304
4	套筒	Sleeve	AISI 304
5	轴承	Bearing	Graphite
6	内套	Int. sleeve	AISI 304
7	推力轴承	Thrust bearing	Stainless steel-graphite
8	下支架	Lower cover	AISI 304
9	隔膜	Diaphragm	EPDM
10	防砂罩	Sand guard	EPDM



Type 型号	P2		H	L	Axial thrust [N]
	[Hp]	[Kw]	长度[mm]	长度[mm]	
QPMS62A1N	3	2.2	265	585	16000
QPMS62B1N	4	3	265	585	16000
QPMS62C1N	5.5	4	265	585	16000
QPMS62D1N	7.5	5.5	360	680	16000
QPMS62E1N	10	7.5	360	680	16000
QPMS62F1N	12.5	9.2	360	680	16000
QPMS62G1N	15	11	425	745	16000
QPMS62H1N	17.5	13	425	745	16000
QPMS62J1N	20	15	425	745	16000
QPMS62K1N	25	18.5	675	995	16000
QPMS62L1N	30	22	675	995	16000
QPMS62M1N	35	26	675	995	16000