

CQF SERIES ELECTRIC SUBMERSIBLE PUMP



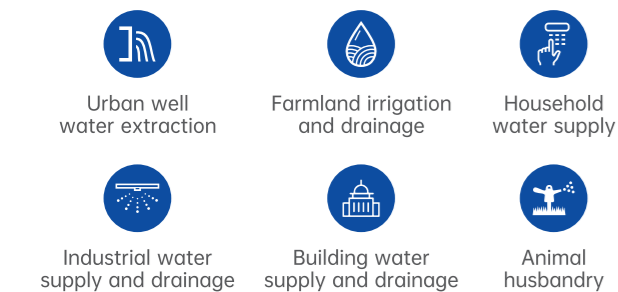
Operating limits

- Maximum liquid temperature: +40°C
- pH value: 6.5-8.5
- Maximum sand content: 0.1%
- Maximum depth: 5m

Structural Features

- Motor frequency: 50Hz/60Hz
- Voltage range: 220V single phase, 380V three phase
- Insulation class: F
- Protection class: IPX8
- Bearings: Ball type
- Mechanical seal: Double end mechanical seal
- Pump body: Cast iron
- Motor casing: Cast iron

Applications



Technical data

Model	POWER		RATED FLOW (m³/h)	RATED HEAD (m)	SPEED (rpm)	OUTLET (mm)
	kW	HP				
CQF1.5-12-0.25S	0.25	0.33	1.5	12	2900	25
CQF1.5-16-0.37S	0.37	0.5	1.5	16	2900	25
CQF1.5-25-0.55S	0.55	0.75	1.5	25	2900	25
CQF3-20-0.55S	0.55	0.75	3	20	2900	25
CQF1.5-32-0.75S	0.75	1	1.5	32	2900	25
CQF7-18-0.75S	0.75	1	7	18	2900	40
CQF15-10-0.75S	0.75	1	15	10	2900	65
CQF30-6-0.75S	0.75	1	30	6	2900	80
CQF6-26-1.1S	1.1	1.5	6	26	2900	40
CQF15-15-1.1S	1.1	1.5	15	15	2900	65
CQF40-7-1.1S	1.1	1.5	40	7	2900	80
CQF6-33-1.5S	1.5	2	6	33	2900	40
CQF15-18-1.5S	1.5	2	15	18	2900	50
CQF40-9-1.5S	1.5	2	40	9	2900	80
CQF20-15-1.5S	1.5	2	20	15	2900	65
CQF60-7-2.2S	2.2	3	60	7	2900	100

PM PERMANENT MAGNET VARIABLE FREQUENCY PUMP



Product Introduction

The PM series multi-stage centrifugal permanent magnet variable frequency pump adopts a thickened stainless steel pump head, which is resistant to acid and alkali corrosion, effectively preventing rust water and ensuring healthy water usage. When water usage stops, the microcomputer control system automatically detects and controls motor deceleration and shutdown. Intelligent constant pressure water supply, efficient energy saving, meeting the water demands of different customers.

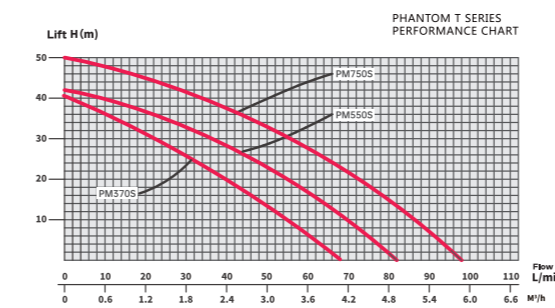
Features

- Permanent Magnet Frequency Conversion
- Energy Saving and Environmental Protection
- Intelligent Protection
- Low Noise Boost
- Multiple Protection
- water Shortage Protection

Technical data

Model	Voltage (V)	Power (kW)	Max. Flow (m³/h)	Max. Head (m)	Rated Flow (m³/h)	Rated Head (m)	Piping (mm)	Maximum Suction range (mm)
PM370S	160-260V 50/60Hz	0.37	4	40	1.8	25	25	8
PM550S		0.55	5.3	42	3	24	25	8
PM750S		0.75	5.8	50	3	31	25	8

- The required power is automatically adjusted with load changes, which saves more than 30% of electricity compared with asynchronous motor of the same power.
- Special anti-noise function greatly reduces working noise of the pump to 25-40 decibels the lowest. Less than 50 decibels even at full power, reducing 60% of the noise approximately, which makes it more quiet and comfortable to use.



CDP SERIES MINIATURE CENTRIFUGAL PUMP



Structural Features

- Pump Body: Cast Iron
 - Impeller: Brass, Stainless Steel, PPO
 - Motor: Enclosed, External, Ventilated
 - Insulation Class: Class B (upgraded to Class F if required)
 - Protection Class: IP44/IP54
 - Load: Continuous Rated
 - Mechanical Seal: Φ 12 Ceramic/Tungsten Carbide or Graphite
 - Shaft: Carbon Steel AISI 1045 (upgraded to Stainless Steel AISI 420 if required)
 - Thermal Protector (if required)
- Normal power supply standard is 220V 50Hz single phase. Models for three-phase 220/380V/50Hz, 220/440V/60Hz, single phase 230V, 240V, 127V, 110V, 115V/60Hz are available upon request.

Applications

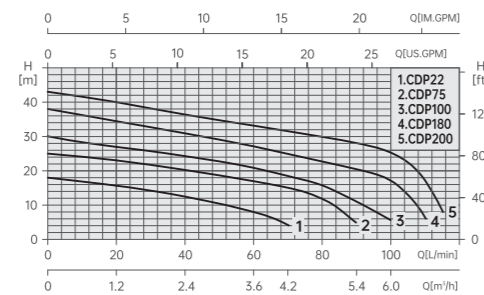


Operating limits

- Maximum Working Pressure: 10 bar
- Maximum Ambient Temperature: +80°C
- Liquid Temperature: Up to +40°C
- Maximum Altitude: +1000m

Technical data

Model	HP	kW	Current	DN \times DNm	Max.H(m)	Max.Q(L/min)
CDP22	0.5	0.37	2.5	1"×1"	18	70
CDP75	0.75	0.55	4.5	1"×1"	25	90
CDP100	1	0.75	5	1"×1"	30	100
CDP180	1.5	1.1	8.5	1.25"×1"×1"	38	110
CDP200	2	1.5	9.5	1.25"×1"×1"	43	115



CQB SERIES VORTEX PUMP



Product Introduction

The CQB series pumps feature peripheral impellers with numerous radial blades at the impeller's edge. Water is centrifugally propelled outward by the impeller's motion. The water then rotates along with the impeller, generating high pressure. These pumps have compact dimensions and are highly economical. They come in various appearances and motor housings to meet different operational requirements.

Structural Features

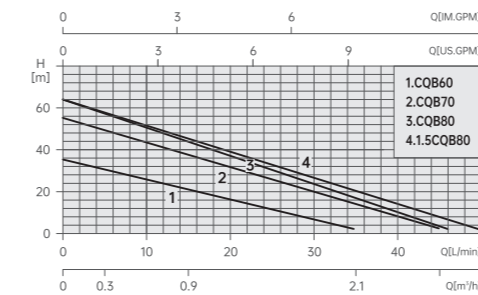
- Pump Body: Cast Iron
 - Impeller: Brass
 - Motor: Enclosed, External, Ventilated
 - Insulation Class: Class B (upgraded to Class F if required)
 - Protection Class: IP44/IP54
 - Load: Continuous Rated
 - Mechanical Seal: Φ 12 Ceramic/Tungsten Carbide or Graphite
 - Shaft: Carbon Steel AISI 1045 (upgraded to Stainless Steel AISI 420 if required)
 - Thermal Protector (if required)
- Normal power supply standard is 220V 50Hz single phase. Models for three-phase 220/380V/50Hz, 220/440V/60Hz, single phase 230V, 240V, 127V, 110V, 115V/60Hz are available upon request.

Operating limits

- Maximum Working Pressure: 8 bar
- Maximum Ambient Temperature: +40°C
- Liquid Temperature: Up to +90°C
- Maximum Altitude: +1000m

Technical data

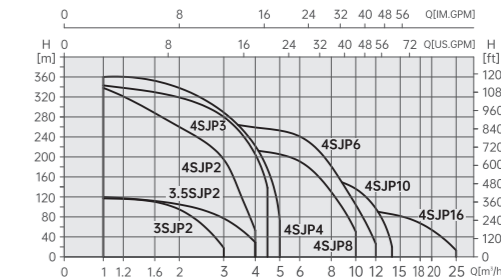
Model	HP	kW	Current	DN \times DNm	Max.H(m)	Max.Q(L/min)
CQB60	0.5	0.37	2	1"×1"	36	36
CQB70	0.75	0.55	4.5	1"×1"	55	45
CQB80	1	0.75	5	1"×1"	65	46
1.5CQB80	1	0.75	5	1.5"×1.5"	65	50



SJP SERIES PLASTIC DEEP WELL PUMP

Applications

- Deep well water lifting, agricultural irrigation
- Water supply for homes, schools, and high-rise buildings
- Various water facilities like farmland and nurseries



Thickened Pump Casing with Super Pressure Resistance

Thickened by 15% compared to ordinary steel pipes, more effectively withstands super pressure from within the pump body.



Multi-stage Plastic Centrifugal Impeller, Volute

Designed with internationally advanced CFD fluid technology to enhance impeller flow and increase head.



Reinforced Pump Shaft for Smooth Operation

Corrosion-resistant high-strength stainless steel ensures better concentricity during operation, effectively reducing pump shaft deformation and breakage.



All Stainless Steel Connection Base

Safe, non-polluting, and durable, less prone to breakage.



High-Efficiency Rotor for Energy Saving

Optimized cold-rolled silicon steel sheets for high-energy motor rotor, strong magnetic conductivity, energy-saving and efficient.



Pure Copper Coil for Safety and Reliability

Uses national standard 100% pure copper enameled wire, with F-grade insulation system, ensuring safety and reliability.

