

CQB-F Series

stainless steel magnetic centrifugal pump

Product Overview

Magnetic centrifugal pump (referred to as magnetic pump), usually composed of a motor, a magnetic coupler and Composed of corrosion resistant centrifugal pumps. Its main feature is the use of magnetic coupler to transmit power, There is no leakage at all. When the motor drives the external magnetic steel of the magnetic coupler to rotate, the magnetic force. The wire passes through the gap and the isolation sleeve, acting on the inner magnetic steel, so that the pump rotor is the same as the motor. Step rotation, no mechanical contact to transmit torsion rejection. At the power input terminal of the pump shaft, due to the liquid. The body is enclosed in a static isolation sleeve, and there is no dynamic seal, so it is safe and leak-free.

pump. The overcurrent components can be used 304, 304L, 302, 321, and 316 respectively according to needs. 316L, UB6, CD4MCu, test alloy, law-based alloy and other corrosion resistant materials. IMC series. The magnetic pump is a new type of magnetic pump developed by the national joint design team, completely leak-free and corrosion-resistant. Pump, its technical and economic indicators are comparable to the level of similar foreign products in the late 1980s. The type and basic parameters of CQB-F series magnetic pump comply with TB/T7742-95 "Small magnetic force Transmission centrifugal pump "standard requirements.



Operating Condition

- Maximum conveying system pressure: 1.6MPa
- Maximum temperature: 100°C
- Maximum density: 184x10kg/m³
- Maximum viscosity: 30x10-6m/s (liquid without hard particles and fibers)
- If the working pressure of the system is greater than 1.6MPa, special design can be carried out, The maximum system working pressure can reach 15MPa.

**When the specific gravity and viscosity of the liquid transported by the pump are large, The shaft power will rise, so it must be used with the shaft power The rate matches the motor.*

Main purpose Applied Range

CQB-F series magnetic pumps are suitable for petroleum, chemical, pharmaceutical, refining, electroplating, environmental protection.

Industries such as insurance, food, film and television printing, water treatment, and national defense are all flammable, explosive, and hazardous.

Ideal equipment for hair, toxic, rare and precious liquids and various corrosion resistant liquids.

Product Model Description Product Model Description

CQB-F 32-20-125

- Nominal diameter of impeller (mm)
- Export nominal longitude (mm)
- Imported nominal longitude (mm)
- Stainless steel magnetic chemical centrifugal pump

CQB-F stainless steel magnetic centrifugal pump-Performance parameters

Model	Capacity (m ³ /h)	Head (m)	Motor power (kW)	Rotate Speed (r/min)	NPSH (m)	Import (mm)	Export (mm)
CQB-F32-20-125	3.2	20	1.1	2900	2	32	20
CQB-F32-20-160	3.2	32	1.5	2900	2	32	20
CQB-F32-20-200	3.2	50	3	2900	2.5	32	20
CQB-F40-25-125	6.3	20	1.5	2900	2.5	40	25
CQB-F40-25-160	6.3	32	2.2	2900	2.5	40	25
CQB-F40-25-200	6.3	50	5.5	2900	2.5	40	25
CQB-F40-25-250	6.3	80	7.5	2900	2.5	40	25
CQB-F50-32-125	12.5	20	2.2	2900	2.5	50	32
CQB-F50-32-160	12.5	32	4	2900	2.5	50	32
CQB-F50-32-200	12.5	50	7.5	2900	2.5	50	32
CQB-F50-32-250	12.5	80	11	2900	2.5	50	32
CQB-F65-50-125	25	20	3	2900	2.5	65	50
CQB-F65-50-160	25	32	5.5	2900	2.5	65	50
CQB-F65-40-200	25	50	11	2900	2.5	65	40
CQB-F65-40-250	25	80	15	2900	2.5	65	40
CQB-F80-65-125	50	20	5.5	2900	3	80	65
CQB-F80-65-160	50	32	11	2900	3	80	65
CQB-F80-50-200	50	50	15	2900	3	80	50
CQB-F80-50-250	50	80	30	2900	3.5	80	50
CQB-F100-80-125	100	20	11	2900	3.5	100	80
CQB-F100-80-160	100	32	15	2900	3.5	100	80
CQB-F100-65-200	100	50	30	2900	3.5	100	65
CQB-F100-65-250	100	80	45	2900	4	100	65
CQB-F125-80-160	160	32	30	2900	4	125	80
CQB-F125-100-200	200	50	55	2900	4.5	125	100