CTMP 腾龙·泵阀

CHINA · TENGLONG MAGNETIC PUMP

FLUOROPLASTIC SELF-PRIMING PUMP





Note:

Fluoroplastic self-priming pump:ZFT and FZB.

ZFT is self-priming magnetic pump, no leakage, high efficiency.

FZB in accordance with international standards,Long rack and short rack.

Understand first

Temperature :

The normal operating temperature is 95℃, otherwise high temperature material is needed.

Mechanical seal (FZB) :

Moving ring : Carbon Fibers filled with Tetrafluorine.

Static ring : Using silicon carbide, ceramics, etc.

Please contact us for details.

Impeller material :

The impeller is made of fluorine plastics and steel parts are used internally to ensure the strength.

Pump cover :

The pump case is made of HT200 and F46 and can withstand gravity.

Base :

Adopt HT200 integral casting molding, the upper and lower all adopt the gantry milling machine to flatten, maximize to achieve the level and stability of the pump.

Self-priming :

Each self-priming pump is tested and the three-minute self-priming pump does not deliver.

Self-priming time :

Self-priming time is generally 2 minutes, more than 2 minutes not self-priming, please check the self-priming pump inlet line. When the outlet valve is closed, it will not be able to exhaust and the pump will not be self-priming.

Pay attention first

1.Do not contain magnetic impurities and hard objects, otherwise filters are required.

2.Can't work at 30% of the flow.

3.Transport large density liquid, need to contact us, increase motor power

4.The working pressure of the mechanical seal is 1Mpa, the pressure needs to install the high-pressure device, can contact us, make the change.

5.Prevent static electricity destruction: when conveying a liquid with low conductivity, such as ultra-pure water or organic solvent, static electricity will occur when the pump. is running. This will cause discharge and generate electrical sparks, should be taken to elicit electrostatic or other measures.

6.Special material selection special friction parts.

7.The mechanical seal life of FZB is 2, 500 hours, which can be shortened by bad environment.

8.The self-priming height means the distance from the inlet to the surface of the water.

Special performance

Selection and matching	Description	FZB	ZFT
Electric conduction	Preventing leakage of electricity from disaster	✓	✓
Double face seal	Can withstand high temperature	✓	✗
Friction resistance	To ensure that the magnetic pump doesn't burn out	✗	✓
Insulation sleeve	Heat preservation to prevent seal damage	✗	✗
High temperature resistance	For 100 ℃ -160 ℃	✓	✓
Motor protection	Can cut off the power instantly	✓	✓
Non-standard motor	For special standards	✓	✓
Non-standard flange	Can produce any standard	✓	✓

If you have any other requirements, please contact us

Full service

1.Pre-sale services：Help customers choose.

2.After-sale service：The warranty is one year.

3.Availability of spare parts.

Parts

Type	Name	Description
FZB	Impeller	The vulnerable parts are mainly mechanical seal and accessories. The mechanical seal of self-priming pump generally chooses cemented carbide.
	Mechanical seal	
	Pump cover	
	Pressure cover	
	Tension bolt	
ZFT	Impeller nozzle ring	Generally speaking,1500 hours to check. After a long period of shutdown, turn on the machine for a check
	Rotor	
	Sliding bearing	
	Isolation sleeve	
	Static ring	
	Pump cover	