

MPH 系列磁力驱动循环泵

MPH SERIES MAGNETIC DRIVE CIRCULATING PUMP



MPH-440



MPH-441



MPH-453



MPH-565

MPH 采用了崭新的针点接触系统技术，使用耐空转材料，使耐空转性能及可靠性得以提高，电机功率0.4KW~3.7KW，能满足中等流量耐腐蚀泵的需求。

The MPH adopts the brand-new probe tip contact system technology and the material resistant to idle running so that it's better in idle running resistance and reliability. The power of the motor is 0.4 kw ~ 3.7 kw, which can meet the demand of medium flow anti-corrosion pump.

高耐腐蚀性 Strong Corrosion Resistance

MPH的泵壳、叶轮和磁囊以聚丙烯塑料或PVDF制成，其他接触液体的部件由高耐腐蚀材料，如碳、陶瓷、PTFE等制成，可输送各类型的酸碱化学液体。

The MPH pump's casing, impeller and magnetic capsule are made of Polypropylene plastic or PVDF. The rest parts contacting the liquid are made of strong corrosion resistant materials, such as carbon, ceramic and PTFE, thus being able to transport different kinds of acid and alkali chemical liquids.

高耐用性 Strong Durability

MPH泵的塑料部件为玻璃纤维增强或碳纤维增强。此外，也充分考虑了轴的机械强度及安全性，耐用性大大提高。

The MPH pump's plastic part is reinforced with fiberglass or carbon fiber. Besides, full consideration is taken into the shaft's mechanical strength and safety, thus its durability is improved substantially.

针点接触系统，使用耐空转材料，空转不成问题 Probe tip contact system and material resistant to idle running, thus free of idle running problem

一般磁力驱动泵，内部零件经常因转动而产生摩擦发热，最终会导致熔化。采用了针点接触系统和使用耐空转材料后，可防止这些问题的出现。在空转的情况下，只有叶轮锥垫和泵轴前缘接触在一起，磁囊与后壳从不接触、大大地减少摩擦，而耐空转材料不会熔化。

For a common magnetic drive pump, its internal parts may rub and heat due to frequent rotations, thus leading to melting finally. Such problems can be prevented by means of adopting probe tip contact system and material resistant to idle running. In case of idle running, only the impeller conical gasket contacts the front end of the pump shaft while the magnetic capsule never contacts therear casing, thus friction will be reduced a lot and the material resistant to idle running will not be melted.

结构说明 SPECIFICATION COMPLETE

不需要磨损的机械轴封，此无轴封设计排除了机械轴封所可能导致的泄漏问题，且用途广泛。

NO friction seal, this seal-less construction eliminates the leakage may caused by mechanical seal and can be applied to various applications.



1

法兰以椭圆型螺丝孔设计，适合DIN, JIS及ANSI等各种尺寸，安装便利。

Oval-shaped flange holes suit different standards like DIN, JIS and ANSI. Easy for mounting.



2

泵体采用GFRPP、CFRPP、PVDF等各种塑料材料射出成型，可适用于大部分的化学药水。

Available engineering plastic GFRPP, CFRPP and PVDF prevent the attack of most chemicals.



3

新型叶轮的嵌入式结构大大地强化了叶轮的强度，也延长其使用寿命。

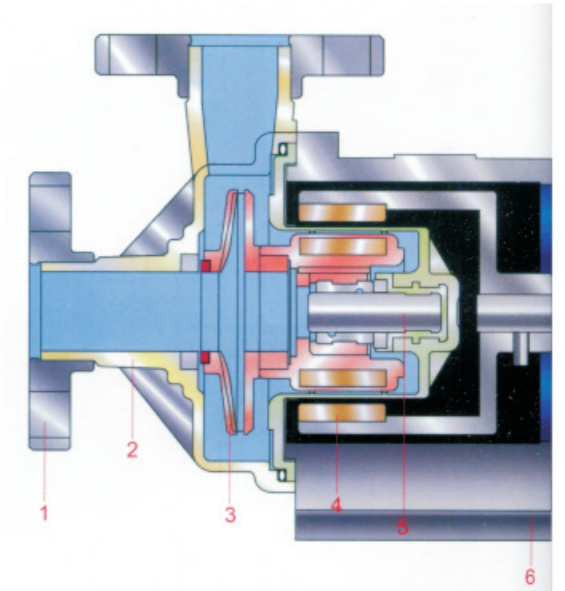
New embedded construction makes the impeller extremely strong and also extends its service life.



5

高纯度氧化铝，碳化硅，各种材质的磨耗零件使泵的耐腐蚀力更优良

High-purity aluminum oxide, SSIC and various other low friction part materials are available that compliment the pump's anti-corrosive features.



1

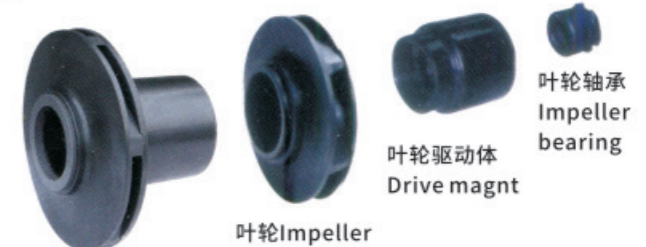
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3

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6



叶轮Impeller

叶轮驱动体 Drive magnet

叶轮轴承 Impeller bearing

采用强力磁铁，体积小，磁力强，驱动力大，永不退磁。Small, powerful magnets maximizes efficiency and long term use.



6

连接座和脚架以塑料材质一体制成，耐腐蚀性优良，轻便。

The connecting seat and the foot frame are made of plastic material in one body, with excellent corrosion resistance and light weight.