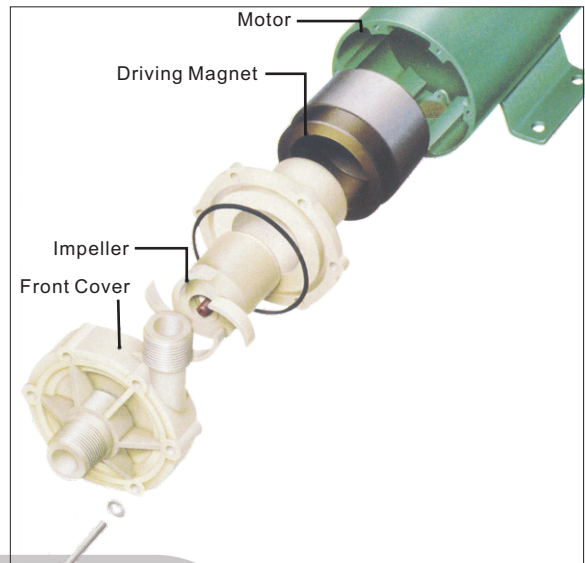
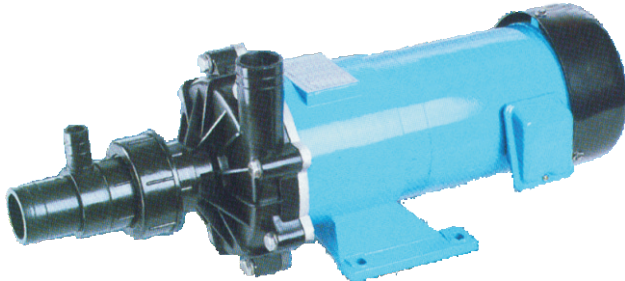


PERFORMANCE INTRODUCTION OF MAGNETIC PUMP AMX SERIES



SPECIAL STRUCTURES

ASP® Magnetic Pump is a complete sealless pump. Its pump shaft and impeller adopt permanent magnet for inter-coupling on each other. Therefore the traditional shaft-seal is unnecessary.

The motor rotation torque apply gravitation of driving-magnet and driven-magnet to activate the operation of an impeller.

SPECIAL FEATURES

Magnetic Pump use stationary seal rings instead of rotating ones so that the wetted parts of magnetic pumps can be fully sealed, evils of escaping, emitting, dripping and leaking naturally borne by centrifugal pumps with mechanical seal is avoid. The wetted parts are made of corrosion-resisting and high-intensity fluoroplastic alloy, engineering plastics, stainless steel, silicon nitride, silicon carbide, ceramics, hard metal and etc. for the purpose of corrosion resistance.

Magnetic pumps are compact, exquisite outline, low noise, dependable, easy operation and maintenance.

AMX series is specially designed with structure so that pumps are able to work normally

APPLICATION

ASP® Magnetic Pump suitable for pumping strong corrosive chemical & medicinal medium. It is widely used in:

- ⊕ Chemical industry equipments and experimental appliances.
- ⊕ Circulation of electroplating liquid.
- ⊕ Cooling system for laser apparatus.
- ⊕ Circulation of development toner for heliochrome.
- ⊕ Transfer of food additive.
- ⊕ Circulation of chemical agent for printing plate and electro-type etching system.
- ⊕ Cooling & Circulation of ultrasonic cleaner and various medical instruments.

SERVICE

CONDITIONS

Magnetic pumps only handle mediums within the range that pump material allows, namely liquids not containing ferromagnetism and fiber, with density not greater than 1300kg/m^3 , kinematic viscosity less than $30 \times 10^{-6} \text{m}^2/\text{s}$ (centistoke). For pumps of metal or F4-lined bodies, maximum working temperature should not exceed 100°C , and nominal pressure at 1.6Mpa; the service temperature of hi-temp magnetic pump is $<350^\circ\text{C}$; for pumps of nonmetal bodies, maximum working temperature should not exceed 80°C , and nominal pressure at 0.6 Mpa.

PUMP KEY

AMX - 402 H R/M/F

