



GP DC Magnetic Drive Gear Pump

Strong Acid & Alkali Resistant type Magnetic Drive Gear Pump Head MG300PK Series

>> Product Description



MG300PK Magnetic Drive gear pump is a new type of gear pump, which uses the new gear and the housing made of special engineering plastics, so this gear pump can operate normally in environments without lubricant and in highly corrosive liquids. Using magnetic force structural design coupled transmission to solve the problem of leakage of the gear shaft end, it is called a leak-free gear pump is mainly used for curing agent casting equipment (acid type) transport, as well as laboratory or alkali chemical production trace liquid transportation field.

>> Product Futures

Pump Type	DC Magnetic Drive Gear Pump
Medium	The liquid containing the particle diameter of ≤ 20 microns, granule hardness less than the hardness of PEEK.
Temperature	The transmission medium temperature: $-30^{\circ}\text{C} \sim 100^{\circ}\text{C}$ (except frozen). Ambient temperature: $-30 \sim 50^{\circ}\text{C}$.
Environment	High pressure (20bar) used in a closed system under vacuum (-0.8bar).
Materials	Static sealing materials for the fluorine rubber or PTFE, shaft material is Hastelloy Alloy, rotor cover material is PTFE coating inside Stainless Steel.

>> Technical Parameters

Model	Displacement	Related Pressure	System Pressure	Speed Range	Medium Viscosity	Gear Height	Shell Material	Gear Material
MG312PK	1.0 ml/rev	5 bar	$-0.8 \sim 20$ bar	500~3000 rpm	0.5~1500 cps	12 mm	PPS Plastic	PEEK Plastic
MG317PK	1.5 ml/rev					17 mm		

>> Outline Dimension

