



GP DC Magnetic Drive Gear Pump

Strong Acid & Alkali Resistant Type Magnetic Drive Gear Pump Head MG300Y Series

>> Product Description



MG300 (YT / YY) Magnetic Drive gear pump is a new gear pump, YT Series gears and super-hard ceramic material made of Alloy, Stainless Steel hardening treatment with high-quality manufactured housing composed of a gear pump. YY series of high quality Stainless Steel made of hardened gears, shafts and housing the gear pump in a hard particle slurry liquid (such as the use of pigment ink, a liquid containing titanium dioxide), and it works fine. using magnetic coupling drive structural design to solve the problem of leakage of the gear shaft end, it is called a leak-free gear pump is mainly used in the field of medicine packaging machines, inkjet printing machines, analytical instruments and other trace delivery.

>> Product Futures

Pump Type	DC Magnetic Drive Gear Pump
Medium	Suitable particle diameter of ≤ 20 microns solution containing the liquid. Suitable for transporting particles containing pigment ink and paint.
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	The inner rotor gear pump ferrite, static sealing material is PTFE; rotor cover material Stainless Steel 316.

>> Technical Parameters

Model	Displacement	Max Pressure	System Pressure	Speed Range	Medium Viscosity	Gear Height	Shell Material	Gear Material
MG312YT	1.0 ml/rev	3 bar	$-0.8 \sim 20$ bar	500~2500 rpm	300~1500 cps	12 mm	Stainless Steel 316 Hardened	Hard Alloy
MG317YT	1.5 ml/rev					17 mm		
MG312YY	1.0 ml/rev				300~2500 cps	12 mm		SS316 Hardened
MG317YY	1.5 ml/rev					17 mm		

>> Outline Dimension

