

Ferrofluidseal

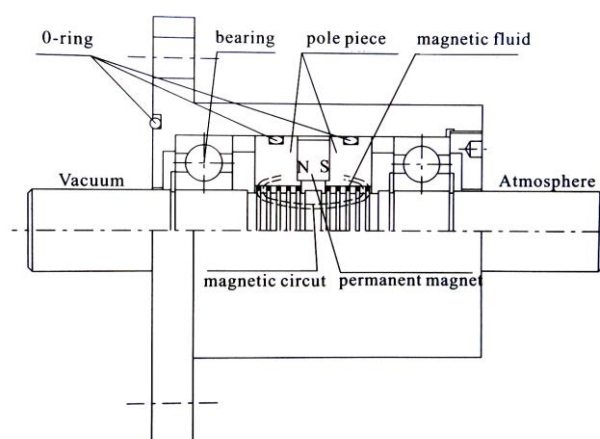
FERROFLUID VACUUM SEALING DEVICE



Magnetic-fluid (Ferrofluid) Vacuum Feedthroughs

Specifications:

Material:	Stainless steel Aluminum alloy
Shaft diameter	4mm ~ 400mm
Vacuum Degree:	10^{-6} Pa (10^{-11} bar)
Leakage Rate	10^{-12} Pa·m ³ ·s ⁻¹
Pressure Resistance:	0.5MPa(5bar), Max.3MPa
Temperature:	0-80°C
Typical Applications:	Crystal Growth Ion Implantation Vacuum Reactor Vacuum Film Coating SF-6 HV Switch



Ferro Fluid Sealing Diagram

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We will design the ferrofluid vacuum feedthrough as per your requirements.

Visiting our website to know more information here: www.ferrofluidseal.com

Some typical structures:



**Nut Mount Solid Shaft
(SN)**



**Nut Mount Solid Shaft with Water Cooling
(SNW)**



**Flanged Solid Shaft
(SF)**



**Flanged Solid Shaft with Water Cooling
(SFW)**



**Flanged Hollow Shaft
(HF)**



**Flanged Hollow Shaft with Water Cooling
(HFW)**