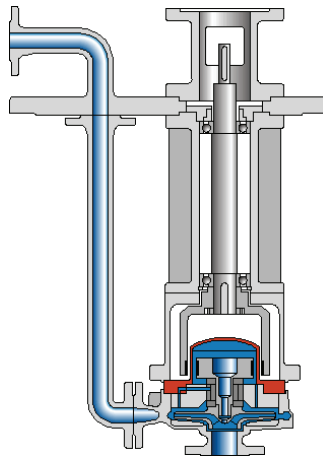


ROTATING RIGHT

SLM-NVO-TP VERTICALLY MOUNTED MAGNETIC DRIVE PUMPS

Vertical Mounted Centrifugal Pump



Technical Data

- Flow rates up to 5500 GPM
- Total delivery heads up to 575 feet
- Temperature ratings from -185°F (-120°C) to +575°F (+300°C)
- Flange rating per ANSI B16.5 Class 150 and Class 300
- Pressure ratings up to 580 PSIG

Construction

- vertical mounted centrifugal pump with dry supporting column
- permanent magnet drive system, no shaft duct
- separation of liquid chamber/atmosphere by means of an isolation shell
- synchronous drive transmitted by inner and outer magnet systems
- internal bearings made of silicon carbide for absorption of radial and axial loads
- bearings of outer magnet carrier: deep groove ball bearing

Materials

pump casing: 316 SS
impeller: 316 SS
isolation shell: 316 Ti/Hastelloy C4
inner magnet carrier: 316 Ti/Hastelloy C4
internal bearings: Silicon Carbide, Alpha Grade
bearing frame assembly: Cast Steel/Nodular Cast Iron
magnets: Rare Earth Samarium Cobalt

Applications

Chemical and petrochemical industries
Refrigeration and heat engineering
Galvanic engineering
Power stations
Tank installations

Pumping

acids
lyes
hydrocarbons
heat transfer liquids
liquid gas
aggressive, explosive and toxic liquids

Special Alloys

Hastelloy B 1 (B)
Hastelloy C 1 (C)
Titanium

Other materials available.



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