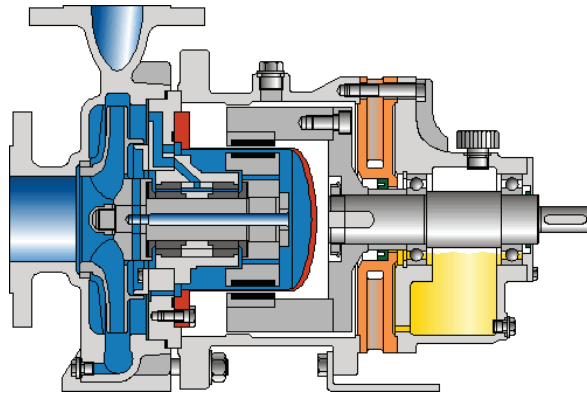


SLM-NVO ANSI MAGNETIC DRIVE PUMPS



Technical Data

- Flow rates up to 5500 GPM
- Total delivery heads up to 575 feet
- Temperature ratings from -240°F (-150°C) to +840°F (+450°C)
- Flange rating per ANSI B16.5 Class 150 and Class 300
- Special constructions up to 5800 PSIG

Construction

- horizontal centrifugal pump
- 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 pure, sintered silicon carbide, alpha grade, liquid lubricated, 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

Refineries
Chemical and petrochemical
industries
Refrigeration and heat
engineering
Liquid gas plants
Galvanic engineering
Power stations
Tank installations
Pharmaceutical industries
Fibers industries

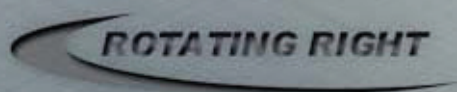
Pumping

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

Special Alloys

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

Other materials available.



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