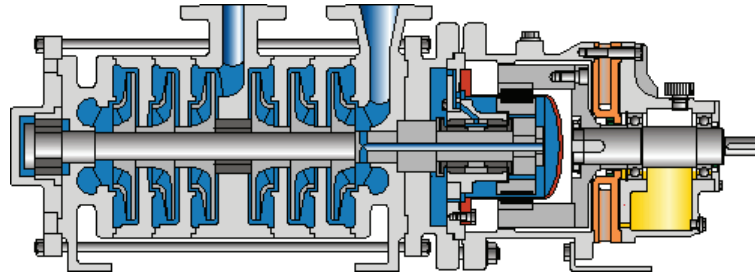


ROTATING RIGHT

# SLM-H HIGH PRESSURE MULTISTAGE MAGNETIC DRIVE PUMPS

## High Pressure Multi Stage Pump



### Technical Data

- Flow rates up to 2400 GPM
- Total delivery heads up to 3300 feet
- Temperature ratings from -185°F (-120°C) to +575°F (+300°C)
- Pressure rating up to 1450 PSIG

### Construction

- horizontal high pressure multi-stage 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
- impellers mounted in pairs, back-to-back arrangement

## Materials

suction casing: 316 SS  
pressure casing: 316 SS  
inter-stage casing: 316 SS  
impellers: 316 SS  
isolation shell: 316 Ti/Hastelloy C4  
inner magnet carrier: 316 Ti/Hastelloy C4  
internal bearings: Carbon/Silicon Carbide,  
Alpha Grade

## Applications

Refineries  
Chemical and petrochemical  
industries  
Industries  
Liquid gas plants  
Power plants

## Pumping

acids  
lyes  
hydrocarbons  
hot water  
sea water  
fuels  
fatty acids

## Special Alloys

Cast Steel  
304 SS  
Titanium

Other materials available.



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