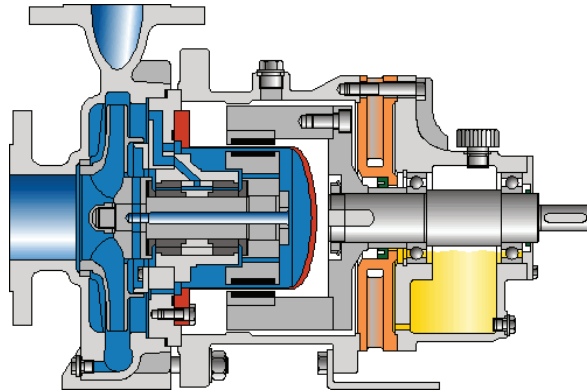


Centrifugal Pumps Per API Standards



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

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

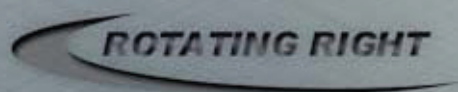
Pumping

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.



Head Office:

6120 Davies Road
Edmonton, AB
T6E 4M9

Phone: (780) 485-2010 • Toll Free: (866) 707-7867

Fax: (780) 485-1938

• Calgary • Drayton Valley • Lethbridge

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