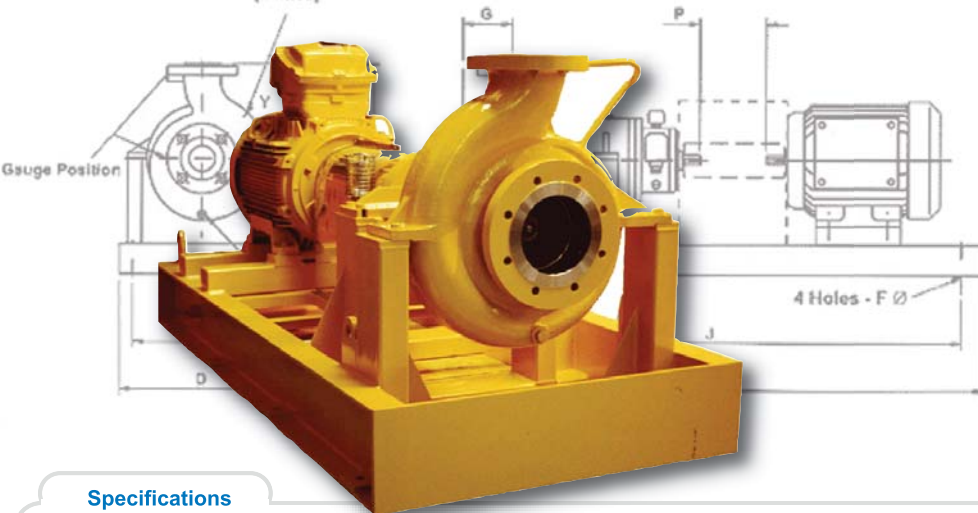


SEALLESS API-610 and API-685 Magnet Drive Metallic ISO 13709 pump



GSP Range

Position of Thermocouple
Protection Device
[if fitted]



The **GSP** is an API-610 & API-685 magnet drive pump.

- Flows to 3,647 gpm (828 m³/hr)
- Heads to 1,146 ft (350 m)

The GSP is typically used in toxic, aggressive, hot, crystallizing and high value processes.

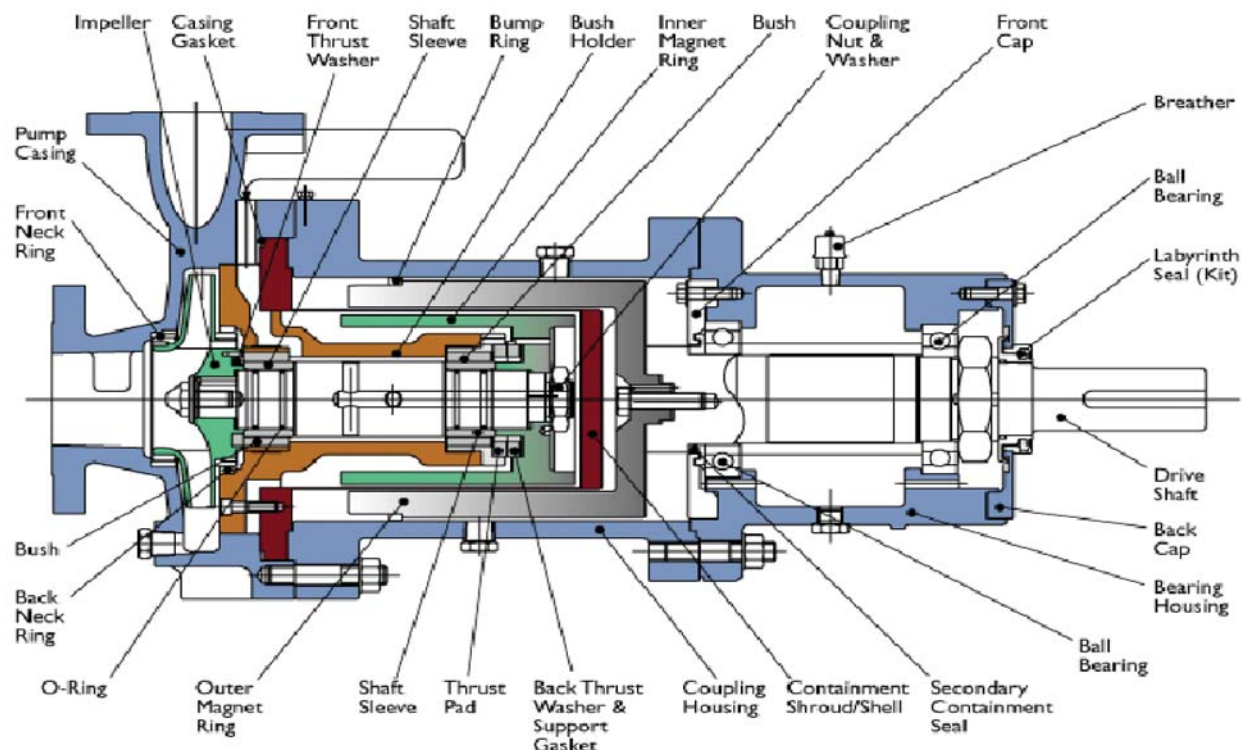
APPLICATIONS

- Butane Transfer
- Solvents
- Edible Oils
- Chemical Processing
- Flammable Liquids
- Isomerization
- Gasoline
- Chemical Transfer
- Crude Oil Transfer
- Fine Chemicals
- Inorganic Chemicals
- Acid Transfer
- Bioprocessing
- Agrochemicals
- Chlor alkali
- Hydrotreating
- Light Oils
- Plastics
- Aromatics
- Amine Treating
- Caustics
- Synthetic Fuels
- Sour Water
- Petrochemical Processing
- Hot Oil
- Tank Car Loading
- Hydrocracking
- Circulation
- OEM
- Recycling Services
- Biofuels
- Separation
- Sea Water
- Toxic Services

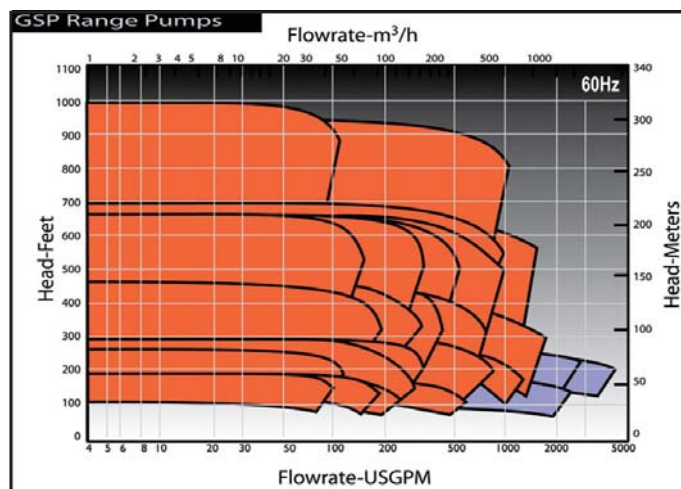
Specifications

Heads To	80 to 1,146ft	25 to 350m
Flows To	0 to 3,647gpm	0 to 828m ³ /hr
Max Power	535	400
Temp Range	-40 to 660°F	-40 to 350°C
Number of Stages	1.0	
Max Case Working Pressure	580 psi	41 kg/cm ²
Max Suction Pressure	580 psi	41kg/cm ²
Differential Head	656 ft	200 m
HP Dependent on Diff. Head	535 hp	400 KW
Standard Delivery	12-16 weeks	
Speed Range	1,450 to 3,500rpm-60Hz	
Materials of Construction	Carbon Steel, 316 SS	
Bearing Materials Available	SiC, carbon	
Hydrotest Pressure	870 psi 61 kg/cm ²	
Max Viscosity	200 cst	
Industry Standard	API-685	
Solids Range	maximum of 5% w/w less than 150 micron	
Motor Details	Industry standard	
Mounting Configurations	Separate Mount	
Number of Available Hydraulics	28.0	
Seal Configurations Available	Sealless	
Available Inducer	yes	
Available Flanges	150#	300# RF
Pump Case Corrosion Allowance	1/8"	3.2 mm
Suction and Discharge Size	varies based on model	



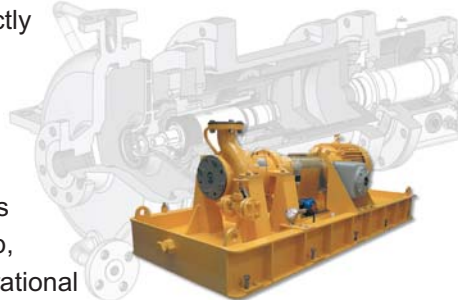


PERFORMANCE



GSP - Full API-685 Compliance

The GSP has no seals, which are prone to leaking. It is perfectly suited for the handling of difficult to seal, hazardous and high-value substances. Plus, the HMD Kontro sealless design creates less downtime and less clean up, affording considerable operational cost savings over the life of course of the equipment's life cycle.



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