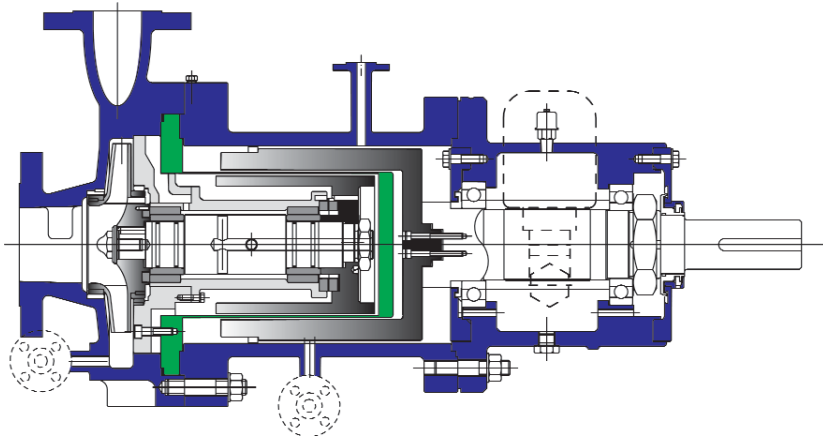


API 685

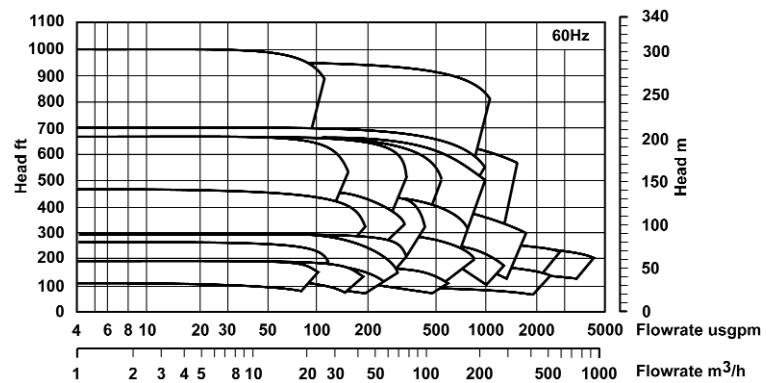
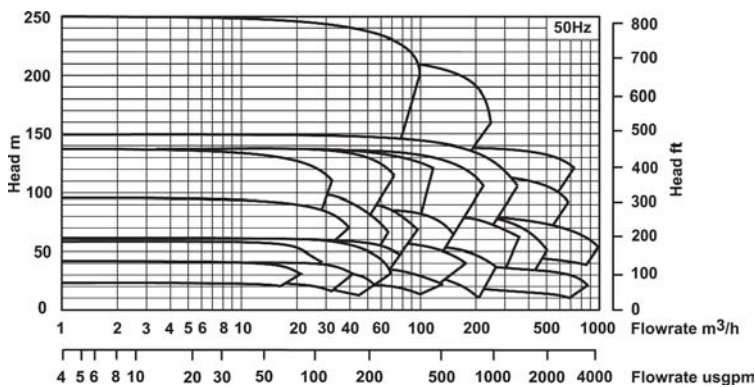


- Conforms to API 685 for sealless pumps.
- Design ensures safe, leak free operation.
- Increased efficiency, Low running costs.
- Minimal spares holding.
- Maximises on-line process time.
- No costly seal support systems to maintain.
- Reduced installation costs.

Head	Flow	Temperature	Pressure
305 m	1000 m ³ /h	-40 to +350°C	40 bar
1000 ft	4400 usgpm	-40 to +660°F	580 psi

Standard materials of construction are A8 and S5 with silicon carbide internal bearings and spiral wound gaskets are available. Other material options are available on request.

Various flange options are available as standard.



Meeting the needs of refineries worldwide

When looking to install 36 API process pumps for a major refinery, a prominent European contractor approached HMD. The contractor's main concern was cost - not just of the products themselves, but also installation and service. HMD offered magnet drive GSP units, as they required no expensive seal support systems or auxiliary fluids. The GSP is a heavy duty centreline-mounted process pump that complies with API 685 refinery applications for sealless pumps. The client was convinced by the product. The contractor was particularly impressed with its cost-effectiveness - in comparison, the mechanical seal equivalent comes with higher installation costs and an expensive support system. As a result of their success at the refinery, the GSP units have now been installed throughout the group.

