

Built to comply with exacting API 685 (OH4) standards, the GSPV is a vertical inline sealless magnetic drive pump engineered with a compact design for applications where space is limited.



GSPV (OH4)



Specifications

	60Hz	50Hz
Heads	0 to 430ft	0 to 90m
Flows	0 to 1,250gpm	0 to 235m ³ /hr
Temp Range	-40 to 400°F	-40 to 205°C
Max Case Working Pressure	580 psi 1400psi (100 bar) available	40 bar
Number of Stages	1	1
Standard Delivery	18-24 Weeks	
Speed Range	1450 to 3,500rpm-50Hz	
Materials of Construction	Carbon Steel (S-5), stainless steel (A-8) and Duplex (D-1 & D-2)	
Bearing Materials Available	Silicon Carbide	
Industry Standard	API 685 and API 610 OH4, Dimensions as BS 4082 Class R	
Motor Details	Industry standard	
Number of Available Hydraulics	9 + min 2 diffuser options per hydraulic	
Seal Configurations Available	Sealless-Magnetic Drive Design	
Available Inducer	No	
Available Flanges	300LB RF	
Sizes Available	Two frame (coupling) sizes to suit power requirements	

The **GSPV** range of vertical pumps caters for a variety of applications such as booster packages, condensate transfer, hydrocarbon transfer and sampling packages. Its compact design particularly lends itself to offshore applications where space is at a premium.

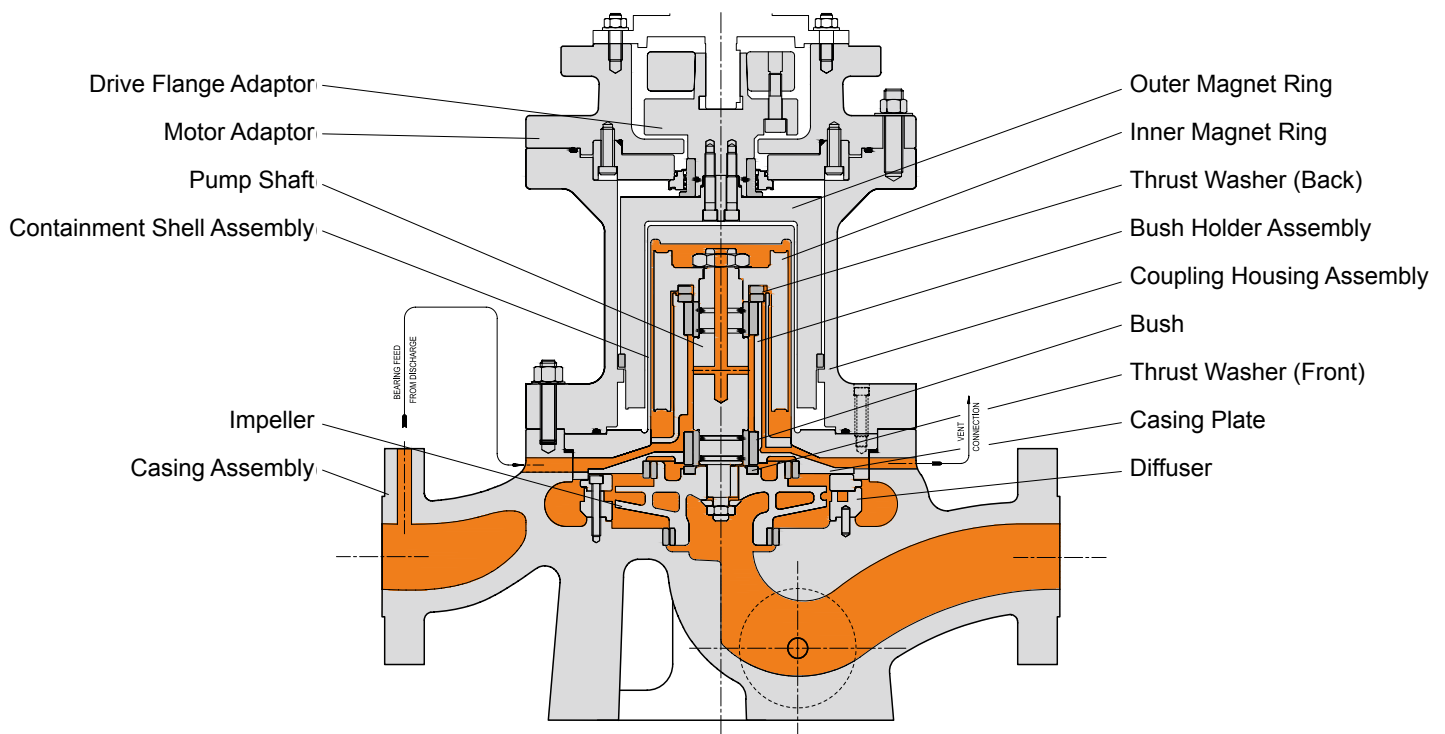
The use of fixed diffuser parts outboard of the impeller instead of a volute casing optimizes the best efficiency point and allows variation of the head rise to shut-off for a range of duty points. Each hydraulic is offered with at least two diffuser options. The diffuser may be changed in situ, without removing the casing from the process, should pump duty change significantly.

A major advantage of having a diffuser is a significant reduction in radial loads and the consequential low vibration levels experienced and stabilization of the characteristic head curve.

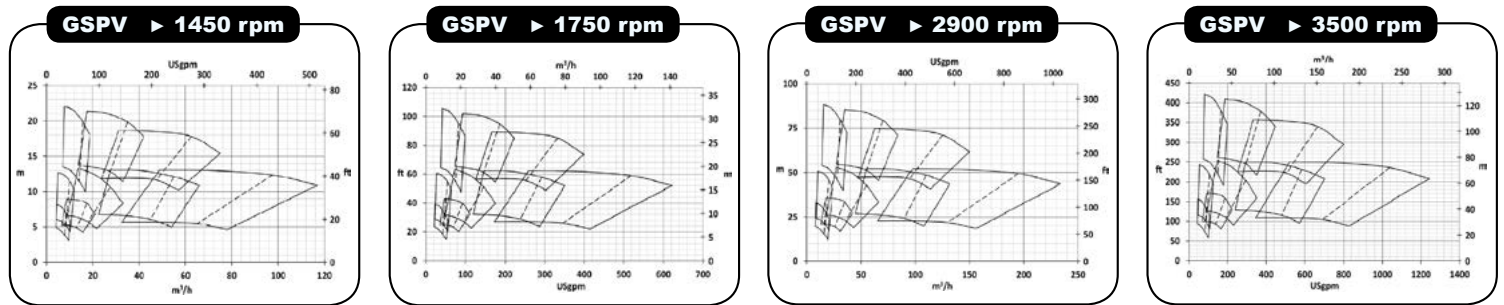
The rigidly coupled vertically-mounted design has nine hydraulics split between two frame (magnetic coupling) sizes to suit the power requirements, with the option of ZeroLoss™ shells in all configurations.

APPLICATIONS

- **Booster Packages**
- **Pipeline Injection**
- **Monitoring and Sampling**
- **Densitometers**
- **Remote Locations**
- **Heavy Duty Chemical Applications**
- **Petrochemical Processing Plants**
- **...plus many more**



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