The GP Series

Corrosion resistant centrifugal pumps are available with a wide selection of mechanical seals. Seals are externally mounted eliminating the need for exotic, expensive materials. All wetted components are non-metallic. These value packed industrial pumps provide reliable service in corrosive environments and are suitable for a broad range of chemicals.

The GP Series accept NEMA or IEC motors and feature NPT, BSP, or flanged connections.

Features

- Mechanical seal horizontal centrifugal pump
- GF Polypropylene or CF PVDF corrosion resistant construction
- Accepts standards NEMA 56J, 56C, 145TC, 184JM, 143JM or IEC 80, 90, 100, and 112 motor frames
- Up to 7 1/2 Hp (3.0 kW) motors
- Back pull-out feature enables fast access for pump maintenance
- Close coupled or pedestal mounted
- Bellows, multi-spring or double seals
- Carbon, FKM or ceramic standard seal materials
- FKM or EPDM o-rings standard
- Up to 1.8 specific gravity with no impeller trimming
- Port sizes: 1.5” x 1.5”, 2” x 2”, 3” x 2”
- Maximum temperature:
  - Polypropylene - 180°F (82°C)
  - PVDF - 220°F (104°C)
- Maximum working pressure:
  - 35 psi / 2.4 Bar (GP11)
  - 55 psi / 3.8 Bar (GP22/32)

Flows to 201 gpm (37.8 m³/hr)
Heads to 123 feet (26.3 m)
GP Series Components

1. Motor - pump couples to NEMA or IEC frames
2. Shaft Adapter - Stainless Steel
3. Slinger Ring
4. Seal Assembly - Carbon, Ceramic, FKM
5. Housing Cover - Polypropylene or PVDF
6. Housing - Polypropylene or PVDF
7. Impeller - PVDF
8. O-ring - FKM or EPDM
9. Connections - Threaded - GP11 & GP22
   Flanged - GP32

GP Series Parts & Accessories

A Externally Mounted Seals - Bellows, multi-spring
and double type seals are available in various mate-
rial combinations. Double seals enable the pump to
handle abrasive liquids, light slurries, plating solutions
and cleaning solutions.

B PVDF Impellers (standard) - GP11 closed style/
GP22/32 semi-open

C GP11 Housing Cover - Polypropylene or PVDF

D GP22 Housing Cover - Polypropylene or PVDF

Pedestal Mount (not shown) - GP11 only - allows
use with electric AC or DC motors, air motors, or
pulley drive.

Cooling Collar (not shown) - Protects bellows and
multi-spring seals from run dry damage. Allows
flushing of the seal face when pumping liquids which
could crystallize.