

FEATURES

Back Pullout design, permits Quick Inspection or repairs of rotating element without disturbing piping.

Quench gland is split for easy removal. Quench tape and packing are standard.

Ample space for fitting a complete range of mechanical seals and auxiliary systems to suit every application.

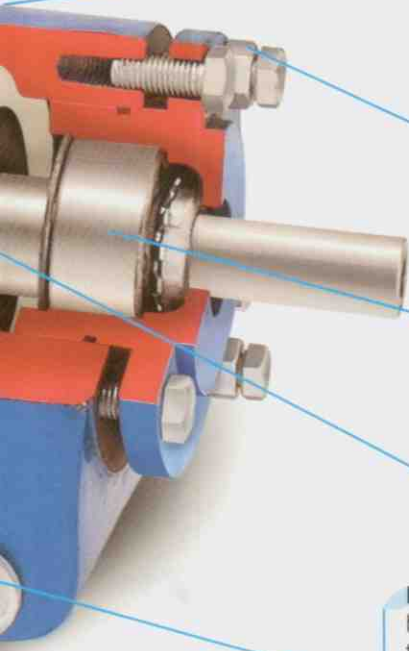
Single piece ductile iron Bearing Housing for maximum strength.

Continuous high performance by simple external rotor adjustment result in long term energy savings and optimize reliability and performance when handling solids.

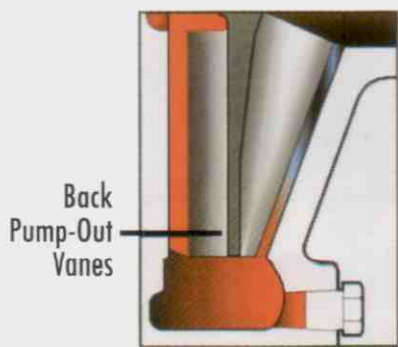
Double Row thrust bearing with L-10 life of 2 years as minimum design criteria.

Heavy duty shaft design for maximum deflection less than 0.05 mm at seal face insures long seal and bearing life.

Large cooling jacket helps reducing bearing temperature on high temperature application.



MINIMUM HYDRAULIC LOADS



- ✓ Control Axial Thrust
- ✓ Low Radial Loads
- ✓ Control Seal Chamber Pressure



- ✓ Guaranteed Bearing Life
- ✓ Extended Seal Life

- Fully Open impeller acknowledge best design for CPI services.
- Two times more wear area than enclosed type impeller for longer life, reduced repair costs.
- Maintained high Performance

It is usual that as a pump wears, the performance decreases. Open impeller can be adjusted, simply and quickly, to composes for wear and renew performance.

- Minimum Hydraulic loads.

Open impeller design to assure minimum radial and axial thrust loads. Controlled Clearances between front & back of impeller minimize radial loads. Back pump-out vanes control axial thrust Resulting extended seal & Bearing life.

- Labyrinth Oil Seals (Optional) at both ends of bearing housing
- Corrosion allowance of 3mm.
- Shaft deflection less than 0.05 mm.



WATER RING VACUUM PUMPS

ISO - 9001 CERTIFIED



VWS Series

- Maximum Vacuum upto 710 mm of Hg.
- Capacity range 8 m³/Hr (1 H.P.) to 2150 m³/Hr (100 H.P.)
- Ideally Suitable to Chemical & Process Industries



PL Series

- Maximum Vacuum upto 670 mm of Hg.
- capacity range 500 m³/Hr (25 H.P.) to 5400 m³/Hr (180 H.P.)
- Ideally Suitable to Paper & Sugar Mills



Roots Blower

- PR Series Twin Lobe Blower
- Capacity range 70 m³/Hr to 8000 m³/Hr
- Maximum Pressure upto 1 Bar

PPI SYSTEMS

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