

BACK PULL OUT PUMP Series : CWP



Suction / Delivery Size	Upto 200 MM / 150 MM
Capacity	Upto 900 M3 / HR
Head	Upto 225 Mtr.
Working Pressure	16 to 30 KG / Cm2
Temperature	- 50° C to + 350° C.

APPLICATION :

- ☞ Circulation Of Water In Industries.
- ☞ HVAC / Air Conditioning Plants.
- ☞ Liquid Having Temp. in the range of -10° to 100° Cent.
- ☞ Power Stations / Cooling Towers / Steel Plants.
- ☞ Water Supply In Municipal Corp. / Cities / Towns / Villages.
- ☞ Sprinleler Systems / Lifting & Irrigation / Booster Service / Pumping Brines / Oils Etc.

DESIGN FEATURES :

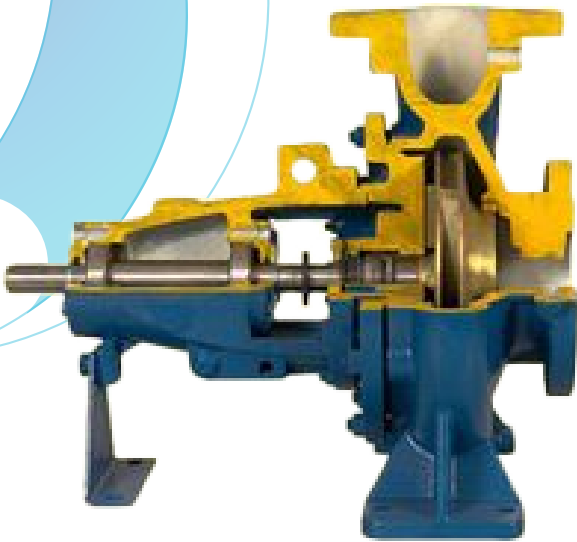
- ☞ "CWP" Series Pumps Are Single Stage Single Suction Hori. Shaft Type Centrifugal Pumps.
- ☞ Back Pull Out Design, Generally Conforming to API-610.
- ☞ Made In Accordance With DIN – 24255.
- ☞ Horizontal Single Stage With Closed Impeller.
- ☞ Sturdy Construction, Designed For Higher Loads.
- ☞ Radially Close Dynamic Balance Impeller.
- ☞ Prolong Lift Span, Longer Bearing Life.
- ☞ Minimizes Deflections.

VERSATILITY :

- ☞ Multiple Configuration, Optimum Spare - Parts Interchangeability
- ☞ Excellent Performance of "CXPS" Series Pumps.
- ☞ Reliable Performance In Various Application
- ☞ Efficient Operation, Low NPSH®, Tough Design.
- ☞ Easy Installation / Dismantling Of Pump Assembly.
- ☞ Vibration Free Performance, Law Noise.

MATERIAL OF CONSTRUCTION :

Pump Casing / Casing Cover	Cast Iron / Cast Steel / Stainless Steel / Duplex Steel & others as per req.
Impeller / Wear Ring	Cast Iron / Bronze / Cast Steel / Stainless Steel / Chrome Steel/ Duplex
Shaft Sleeve	Carbon Steel / Stainless Steel / Duplex Steel / S.S. / Bronze
Bearing Housing / Cover	C.I FG 260
Packing	Asbestos or Teflong / Graph oil Gland Packing As Std Supply
Mechanical Seal	Carbon vs Ceramic or TC vs TC or any other on request



FLANGES :

- ANSI B 16.1, CL 125 Flat Face For Moc : C.I / Bronze
ANSI B 16.5
- CL 150 Raised Face : For Special Metals viz. St. Steel,
Cast Steel etc.
- Standard : Drilling as per BS EN 1092 - 2
(DIN 2533 ND 16)
- OPTIONAL : Drilling as per IS / BS / ASN / DIN
available with Suitable Pressure Ratings.
- Drilling as per DIN ASA, BS etc.

FEATURES :

"CWP" series pumps are single stage single suction horizontal shaft type centrifugal pumps. They are made in accordance with DIN – 24255. The design of back pull out type & large variety of models are available at 1450 RPM & 2900 RPM at 50 HZ & 1750 RPM & 3500 RPM at 60 HZ.

PUMP SHAFT :

Three driving units cover complete range of "CWP" series pumps. The high tensile steel shaft accurately machined and ground is supported by anti - friction bearings. The shaft is protected by shaft sleeve from wear in stuffing box area.

STUFFING BOX :

The stuffing box / casing cover can be sealed by gland packing or by mechanical seal of approved brands.

BEARINGS :

Deep groove ball bearings are provided standard.

IMPELLER :

Radial flow enclosed type dynamically balanced rotor hydraulic balance is achieved supplied hydraulic balancing of impellers. Is achieved either by back vanes or either by back vanes for smaller impellers and by balancing hole with back wear rings for larger size impellers. Hence dynamic balancing also done for throughout balancing.

PUMP CASING :

End - suction volute type with top centre-line discharge. Suction and discharge nozzles as well as the supporting feet are integral with casting. Casing also hydraulically tested for pressure requirement.

DRIVE / PRIME MOVER :

Suitable for coupling with electric motors, Engines directly or through belt drives.

DIRECTION OF ROTATION :

Clockwise when viewed from driving end.