

POPULAR

Delivering Excellence

Product
Compendium



Our Vision is to improve the pump manufacturing process on a continuous basis and be known as a provider of quality pumps across the globe



Our Mission is to provide the best pumps to our Clients with better services... Products through continuous originality and up gradation of technology

Our Core Value

1. Quality
2. Consistent
3. Innovation
4. Reliability

The Product Range

1. All Type of Industrial Pumps Equivalent Spares of Leading Brand
2. Repairs & Maintain of any Pump and Mechanical Seal
3. All Type of Mechanical Seals and Rotary Joints



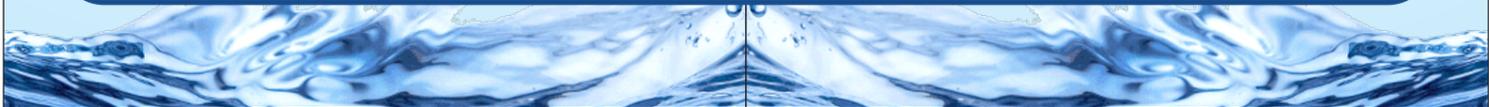
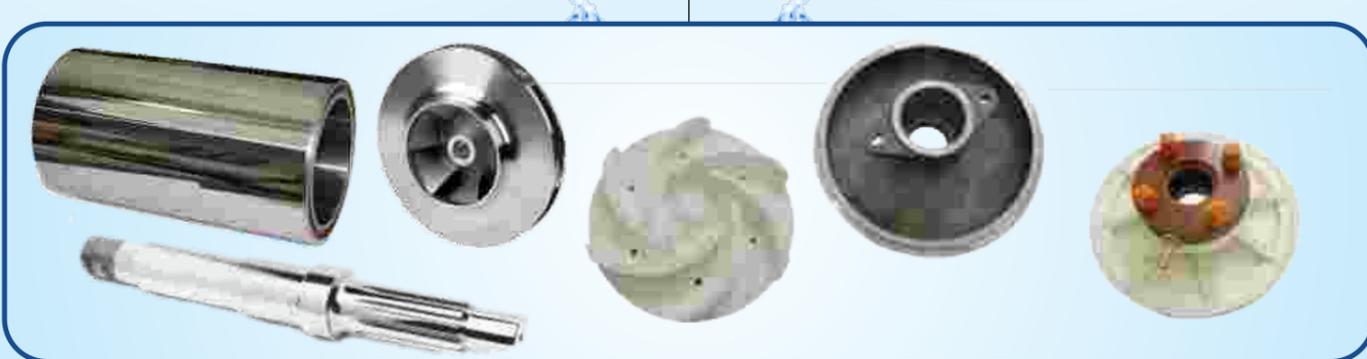
INDUSTRIAL PUMPS



MECHANICAL SEALS



PUMP SPARES



SELF PRIMING MUD PUMP-MECH. Seal Fitted
PMP-S SERIES



Applications

Dewatering swamp, Trenches & Basement,
Effluent Plant, Swimming Pools, Marine Applications,
Transfer for Petrol, Kerosene, Spirits, Gasoils etc.

Technical Data

Capacity	: Up to 75m ³ / hr.
Head	: up to 35 mtrs.
Suction Head	: up to 7.5 mtrs
Material	: Cl. Bronze, Gun Metal, Stainless Steel and Other Alloys
Viscosity	: up to 100 mm ² / Sec.
Max. Solid Hand Size	: up to 25 mm

SELF PRIMING MUD PUMP GLAND FITTED
PMP SERIES



Applications

Dewatering swamp, Trenches & Basement,
Effluent Plant, Swimming Pools, Marine Applications,
Transfer for Petrol, Kerosene, Spirits, Gasoils etc.

Technical Data

Capacity	: up to 64m ³ / hr.
Head	: up to 55 mtrs.
Suction Head	: up to 5 mtrs
Material	: Cl. Bronze, Gun Metal, Stainless Steel and Other Alloys
Max. Solid Hand Size	: up to 50 mm

CHEMICAL PROCESS PUMP
PCP/"PCP-A" SERIES



Applications

The Chemical Process pump "PCP" is widely used for chemical, Petrochemical industries Media which can be easily pumped are Acids, Caustic, Amonia, Phoshate, Dyes, Oils, Solvents, Alcohol, Aromatics etc. Also suitable for Textile, Food, Paper & Pulp, Pharmaceuticals etc.

Technical Data

Max. Capacity	: Up to 400m ³ / hr. Max.
Head	: Up to 150 mtrs.
Pressure	: up to 16 mtrs
Temperature	: Up to 200 °C
Material	: CI, CS, SS-304, SS-316 Other alloys
Impeller	: Closed / Semi Open
Flanges	: As Per ISO 7005 & ANSI-B-16.5 PN 16

CENTRIFUGAL POLYPROPYLENE PUMP
PP SERIES



Applications

Water tretment Plant, Effluent treatment plant, Transfer and Loading / unloading like HCL, Sulphuric acid, Caustic Liquid Scrubbing of Corrosive gasses like NH3, CO2, L2, F2 etc. Filter press for dyes & Chemicals. Circulation of Chemicals in Metal finishing Industry.

Technical Data

Head	: up to 65 mtr.
Flow	: up to 300m ³ / hr
Temp	: Max. 80 °C
M.O.C.	: PP, PVDF
RPM	: 1440/2900 RPM
Type	: Mechanical Seal / Gland Type

VERTICAL POLYPROPYLENE PUMP
PVP SERIES



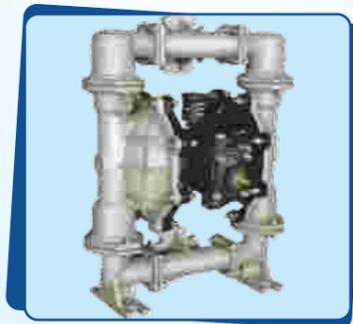
Applications

Treatment Plant, electro Plating & Steel rolling Mills, Loading - unloading like HCL, Sulphuric acid / Alkali, Caustic liquid Scrubbing of corrosive gasses like Cl₂, NH₂, BR₂, etc.; Ideal for circulation of chemical in metal finishing industry.

Technical Data

Head : Up to 50 mtr.
Flow : Up to 45 m³ / hr
Temp : 70 °C
M.O.C. : PP, UHMWPE
RPM : 1440/2900 RPM
Type : 5 Kg / cm²

AIR OPERATED DOUBLE DIAPHRAGM
POD SERIES



Applications

Solvents, Slurry transfer, Barrels, Acidic, Material, High Viscous Liquid, Abrasive media

Technical Data

Head : Up to 50 mtr
Flow : Up to 45 m³ / hr
Temp : 120 °C
M.O.C. : Investment Casting CF8M (SS-316), Aluminum, PP, PVDF
Max. Particle Size : 6.35 mm
Air Pressure : MAx. 7 Kg/cm²
Air Intel Size : 1/4 to 1/2"
Air Exhaust : 3/4 to 1/2"
Suction Lift : Dry : 4.57 meter / Wet : 7.6 m
Teflon : Dry : 3.05 m / Wet : 6.09 m

HORIZONTAL SIDE SUCTION PUMP
PFPP SERIES



Applications
Filter press Feeding, Dyes & Intermediates,
Slurry transfer, Cake transfer, ETP Plant,
Sugar & Food Industries

Technical Data
Head : Up to 70 mtr.
Flow : Up to 110m³ / hr
Temp : 110 °C
M.O.C. : CI, CI/SS, SS 304, SS 316, SS 316L, Bronze, Alloy 20 etc.
RPM : 1440 & 2880 RPM
Type : Mechanical Seal / Gland Type

ROTARY GEAR PUMP WITH HELICAL GEAR
PGP SERIES



Applications
To deliver variety of light and Viscous Liquid such as Oil, Fats, Coal tar,
Paints, Molasses, Highly viscous Material and Liquids, Paints, Ammonia,
Glycerin, Grease etc.

Technical Data
Head : Up to 120 mtr.
Flow : Up to 200 m³ / hr
Temp : 250 °C
M.O.C. : CI, CI/SS, SS 304, SS 316L, Bronze
RPM : 1440 RPM
Type : Mechanical Seal / Gland Type

MONO BLOCK PUMP
PMBP SERIES



Applications

Cooling tower, Water Supply for domestic use in apartments, Hostels, Swimming pools, Automobile Service station. Power plant, Railway Line

Technical Data

Head : Up to 60 mtr
Flow : up to 120 m³ / hr
M.O.C. : CI, CS, SS 316
RPM : 2900 RPM
Power Rating : Single Phase & Three Phase

HIGH PRESSURE MULTI STAGE BOILER FEED PUMP
PBFP SERIES



Applications

Boiler feed, Marine, Fuel oil, Power Plant, Industrial Clear water Condensate Water, Multi storied building water supply

Technical Data

Head : Up to 250 mtr.
Flow : Up to 20 m³ / hr
Temp : 105 °C
M.O.C : CI, CS, Bronze, CI/SS

PROGRESSIVE CAVITY SCREW PUMP
PCSP SERIES



Applications

Effluent Treatment, Pulp & Paper, Sugar & Distilleries
Solvents, Slurry transfer, High Viscous Liquid
Abrasive media

Technical Data

Capacity : Up to 150 m³ / hr.
Pressure : up to 30 kg/cm².
Discharg Size : 25 mm to 150 mm
Material : Cl. Bronze, Stainless Steel and Other Alloys
Viscosity : up to 1,00,000 CST
Max. Solid Hand Size : up to 25 mm

PULP & PAPER MILL PUMP
P SERIES



Applications

Pulp and paper industries Chemical & Process Industries
Palm Oil Mills & Refineries Waste Water Treatment
Sugar Mill

Technical Data

Flow : Up to 4000 m³ / hr
Head : Up to 140 m
Pressure : Up to 16 bar
Temp : 140 °c
Speed : 3000 RPM

PSM V-PACKING & PSM O-RING



Applications

- Suspended solids Slurry
- General Chemical Slurry
- Crystallizing Slurry
- Saturated chemical Slurry

Seal Characteristics

- Single acting
- Unblanced
- Inside mounted
- Single helical coil spring
- Independent of direction of rotation

Operating Limit

Temperature : -20.....+200 °C
Pressure : 14 BAr (Max.)
Velocity : 20 m/sec

PM V-PACKING & O RING



Applications

- Corrosive Chemical
- Hydrocarbons
- General & Lighr chemicals

Seal Characteristics

- Single acting
- Reverse balanced
- Outside mounted
- Multi Spring
- Independent of direction of rotation

Operating Limit

Temperature : -60.....+180 °C
Pressure : 25 Bar (Max.)
Velocity : 20 m/sec

PCM



Applications

- Circulation pumps for central heating
- Sewage & Submersible pumps
- Water pumps
- Chemical Process pumps

Seal Characteristics

- Single acting
- unbalanced
- Inside mounted
- Single conical coil spring
- Dependent of direction rotation

Operating Limit

Temperature : -20.....+120 °C
Pressure : 10 Bar (Max.)
Velocity : 20 m/sec

PTB



Applications

- Extremely corrosive Service

Seal Characteristics

- Single acting
- Unbalanced
- Outside mounted
- Multiple spring

Operating Limit

Temperature : -45.....+120 °C
Pressure : 6 Bar (Max.)
Velocity : 20 m/sec

PMB



Applications

- Petrochemical
- Petroleum refinery
- Refinery

Seal Characteristics

- Single acting
- Inherently balanced
- Inside mounted

Operating Limit

Temperature : -20.....+350 °C
 Pressure : 20 Bar (Max.)
 Velocity : 20 m/sec

PC



Applications

- Slurry Pump
- Pump and Paper
- Sludge & Syrup Pump
- Chemical, Petrochemical & Refinery

Seal Characteristics

- Single acting
- Unbalanced
- Inside Mounted
- Single Helical Coil Spring
- Independent of Direction of rotation

Operating Limit

Temperature : -45.....+200 °C
 Pressure : 5 Bar (Max.)
 Velocity : 20 m/sec

PMG1



Applications

- Submersible Pump
- Sewage Pump
- Water Pumps

Seal Characteristics

- Single acting
- Unbalanced
- Single Helicat coil spring
- Independent of Direction or rotation

Operating Limit

Temperature : -20.....+180 °C
Pressure : 12 Bar (Max.)
Velocity : 20 m/sec

PCT



Applications

- Submersible Pump
- Water Pumps
- Water and Waste Water technology

Seal Characteristics

- Single acting
- Unbalanced
- Single conical Coil Spring
- Short axial installation Length

Operating Limit

Temperature : -20.....+120 °C
Pressure : 6 Bar (Max.)
Velocity : 10 m/sec

PAS



POPULAR STANDARD STYLE

1) Face Material : (Dynamic Ring & Stationary Ring)

Carbon, Ceramic (99.5%) Silicon

2) Elastomer : (Secondary Seal) : Viton, EPDM, Aflas, PTFE, GFT, TVC, & FEP, Kalrez

3) Hardware : SS 316, SS 304, Hastalloy - C, Monel, Alloy - 20

Applications :-

- General Chemicals And Its Vapours
- Food Products
- Pharmaceutical Product
- Light Hydrocarbons & Its Vapours
- Single & Double Acting

Seal Characteristics :

- Unbalanced
- Cartridge unit
- Independent of Direction of Rotation
- Operated with Pressurised Buffer Fluid
- Single & Double Acting

Operating Limits :

- Shaft Diameter : 25 mm to 200mm (1.0" to 7.875")
- Pressure : Vacuum.... 35 Bar (Kg/cm²)
- Temperature : 60°C to 260° C
- Shaft Speed : Upto 2000 RPM According to Shaft Size & Pressure

PWM



Wave Spring Unbalance Seal Series

- Face Materials : Carbon, Sic, T.C
- Secondary Seal : PTEE, GFT, CFT, FEP, TCV, Viton, Silicon, NBR.
- Hardware : SS 316, SS 304, Hast - C, Monel, Alloy - 20.
- Shaft Diameter : 12 mm to 100 mm
- Pressure : 10 Bar (Kg/cm²)
- Temperature : 60°c to 260° C
- Shaft Speed : Upto 6000

Applications

- Light Hydrocarbon Dirth
- petrochemicals
- General Chemicals
- Petroleum Refinery

PCBS



Applications :-

- Sludge & Syrup Pump
- Slurry Pump
- Chemical Petrochemical & Refinery
- Pulp & Paper
- Oil Pipeline Pumps
- Clinker Grinders

Operating Limits :

- Shaft Siameter : 18mm to 100mm (0.75" to 4.0")
- Pressure : 5 to 35 Bar (Kg/cm²)
- Temperature : -20^o C to 300o C
- Shaft Speed : Upto 400 RPM According to Shaft Size & Pressure.

PSTM



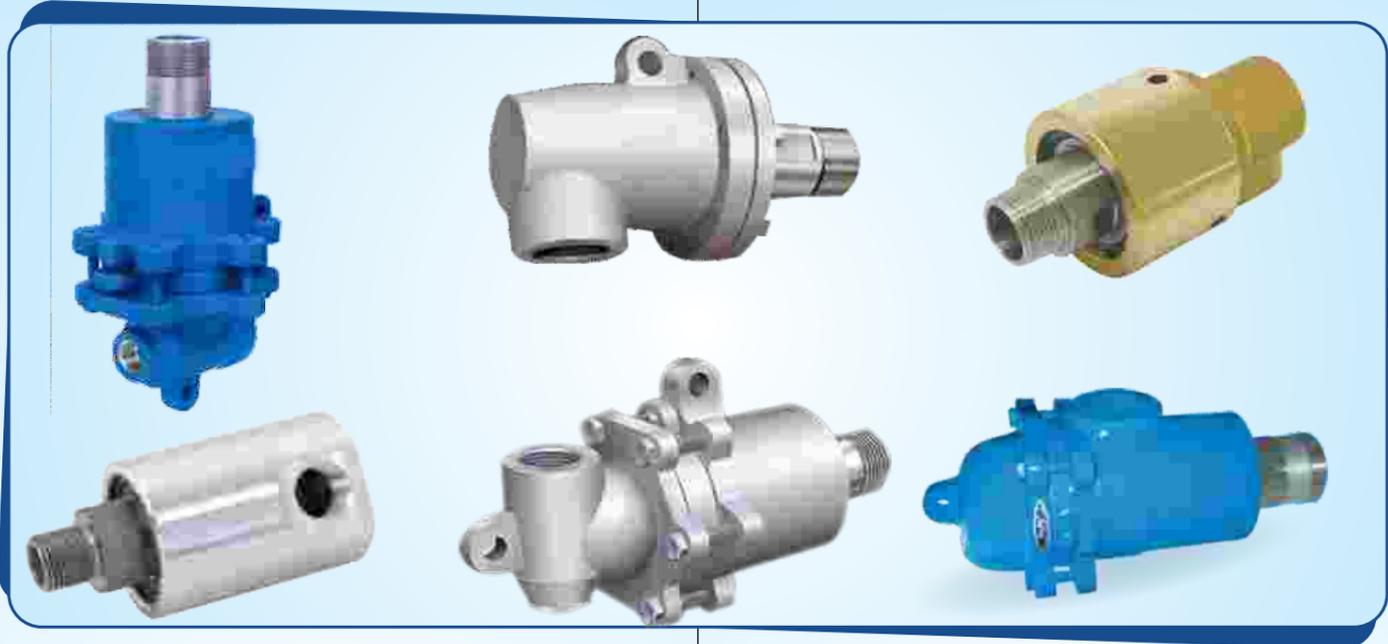
Applications :-

- Circulation pumps for water and heating system
- Chemical process pump
- Submerged pumps
- Sweage Pumps
- Mud slurry Pumps Handling Highly viscous fluids
- Textile industry

Operating Limits :

- Temperature : -50.....+ 175 °C
Pressure : 10 Bar (Max.)
Velocity : 20 m/sec

ROTARY JOINTS



COUPLING



Flexible Coupling



**Pin Bush Coupling
Type - KB & KX**



**Steel Lemna Coupling
Type - Raelex**



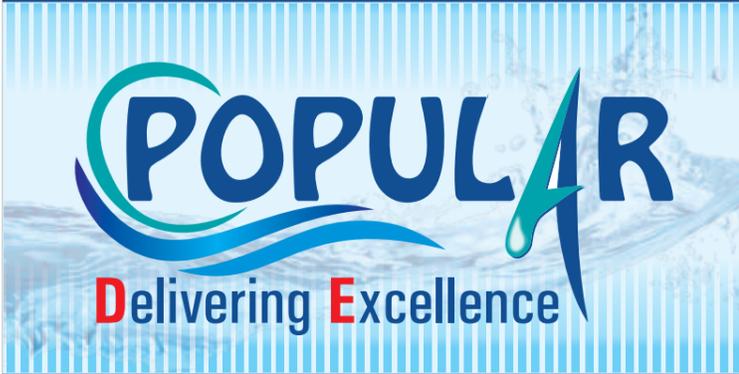
**Flexible Coupling
Type - Rotex**



**Flexible Coupling
Type - Rotex - Gs**



**Tyre Coupling
Type - KT**



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