



PP SERIES

POLYPROPYLENE PUMPS

Features

- Suitable for corrosive duties in the Process and Chemical industries.
- Can work continuously.
- Self venting type casing.
- Dynamically and hydraulically balanced impeller with aerodynamic profile vanes.
- Pump casing is provided with external metal ring for construction stability.
- Temp. range is up to 70°C.

Application

- For handling liquids In various industries like Textile, Paper, Cellulose, Sugar, Steel, Food, Having wide temperature range & fluid, etc...
- Ideal for circulation of chemical in metal finishing industry.
- Natural choice for pickling line & scrubber in steel plants.
- High capacity transfer pump, filter press for Dyes & Chemicals, De-scaling, Oil & other fuels.
- Water treatment plant, Effluent treatment plant, Electro plating, Pickling & Steel rolling mills.
- Excellent for transfer and loading - unloading like HCL, Sulphuric Acid / Alkali, Caustic lye.
- Scrubbing of corrosive gases like NH₃, CO₂, SO₃, SO₂, I₂, F₂, Br₂, Cl₂, etc...



Design

Horizontal, radically split, one piece volute casing design, fitted with a semi open impeller, single entry single stages. Following standards of PIN 24256 / ISO 5199.

Material of Construction

Casing, Impeller, Back Plate	: PP/GRP / UHMWPE / PVDF
Shaft Sleeve	: GRP / Ceramic / ALLOY-20 / Hast Alloy B/C
Bearing Bracket	: C.I. GRFG-26
Shaft	: SS / EN 9
Bearings	: Double ball bearing

Sealing Options :

Externally mounted mechanical seal
 Internal mechanical seal
 Gland packing
 SPECIAL DESIGN For low RPM Pumps

PRIMING CHAMBER :

The Solution for suction left application.

These are available for PP series pumps. Priming Chambers to Suit Customer requirement of other models available on request.

Plastico Pumps priming chamber is used for priming the pump in the event of negative suction condition. This avoids the need of foot valve and frequent priming of the pump.

The priming pot is connected to the pump suction filled with liquid and sealed airtight before initial start up. After starting the pump, the liquid from priming pot is drawn into the pump and partial vacuum, is created in the pot. Due o partial vacuum , liquid rises in the suction pipe and pushes the air into the pot. This action fills the suction pipe resulting in priming. The air accumulated in the priming pot mixes with liquid and is driven through discharge of the pump.

