

Sectional Drawing of PP pumps

Shaft sealing

The shaft sealing could be arranged by graphite soft packing.

Coupling half

Used to connect the shafts between the Electric Motor and the pump, for the purpose of transmission of the power to the hydraulics working area.

Bearings

Weight and axial hydraulic thrust bear upon the upper semi-axial roller bearing. It's also used for centering of shaft at the same time.

Sleeve type bearing

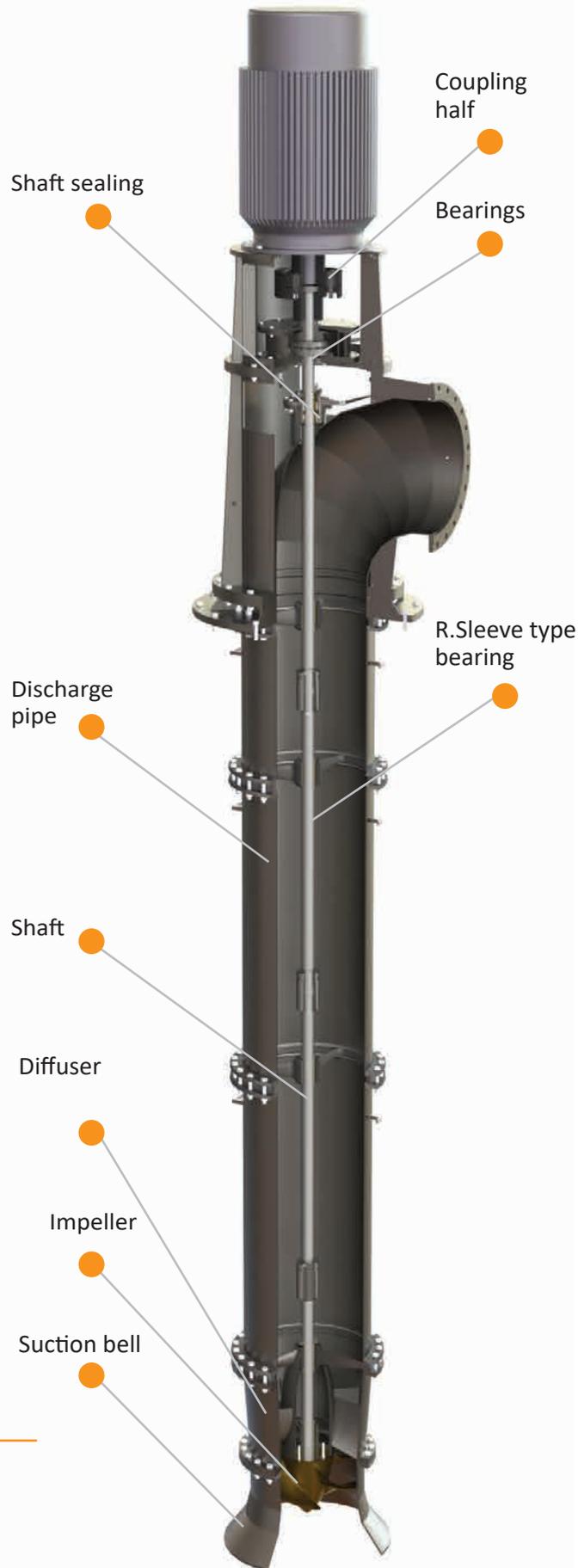
Sliding action bearing with self-lubrication, used to guide and reduce the friction on shafts and bearing support.

Discharge pipe

Properly sized for optimum medium velocities to insure peak hydraulic performance.

Technical data:

- Capacity: up to 2500 l/s;
- Head: up to 10 m;
- Pump size: up to DN 800;
- Temperature: up to 60°C.



Shaft

Heavy duty for strength and corrosion resistance. The shaft is protected by a replaceable shaft sleeve in stainless steel.

Diffuser

Used for converting velocity head into pressure head.

Impeller

Designed for maximum efficiency with wide range of hydraulic coverage. Precision balanced for smooth operation.

Radial Sleeve type bearing

Provided at each stage to assure stable operation away from critical speeds.

Suction bell

Provided for shaft stability & provided for proper suction conditions for pump.