

Sectional Drawing of DP pumps

Shaft sealing

The shaft sealing could be arranged by graphite soft packing.

Discharge pipe

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

Pump case

The pump case is of rigid design with a generous wall thickness, giving good protection against erosion and corrosion.

Impeller

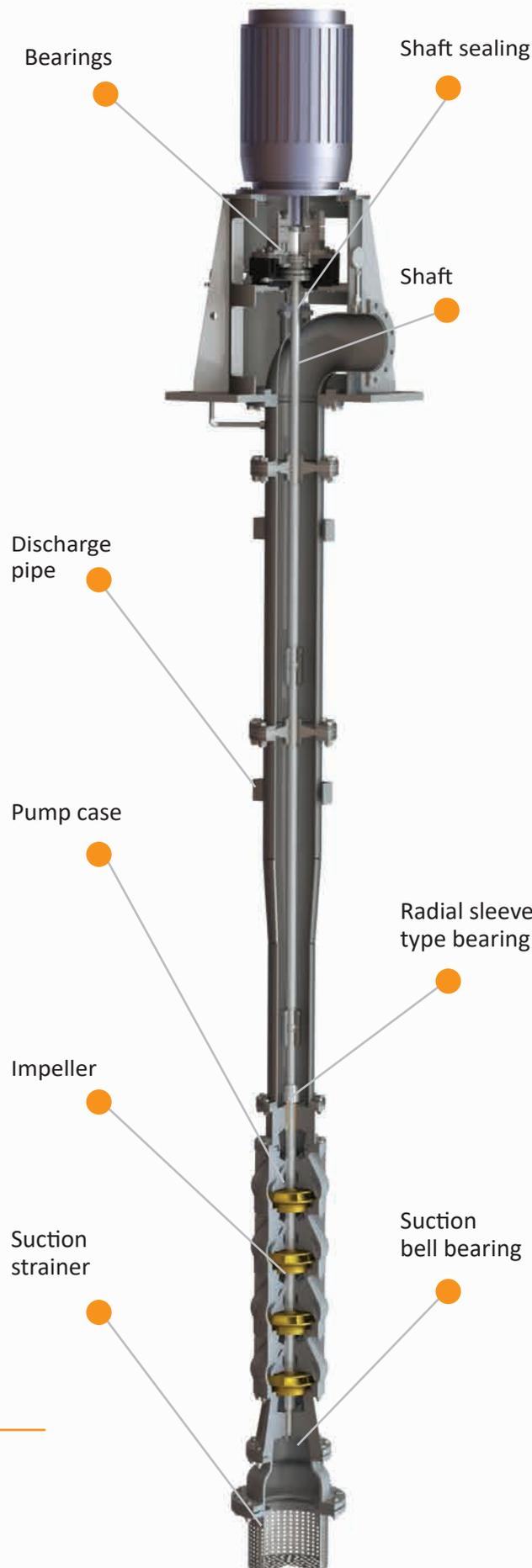
Designed for maximum efficiency with wide range of hydraulic coverage. Precision balanced for smooth operation.

Suction strainer

Prevents solids from entering suction bearing

Technical data:

- Capacity: up to 680 l/s;
- Head: up to 210 m;
- Pump size: up to DN 500;
- Temperature: up to 90°C.



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.

Shafts

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

Radial sleeve type bearing

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

Suction bell bearing

Provided for shaft stability.