

Sectional Drawing of VMS pumps

Coupling

Connection between the electric motor and the pump is carried out by means of an elastic coupling.

Shaft sealing

The shaft sealing could be arranged by graphite soft packing.

Impeller

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

Suction bell

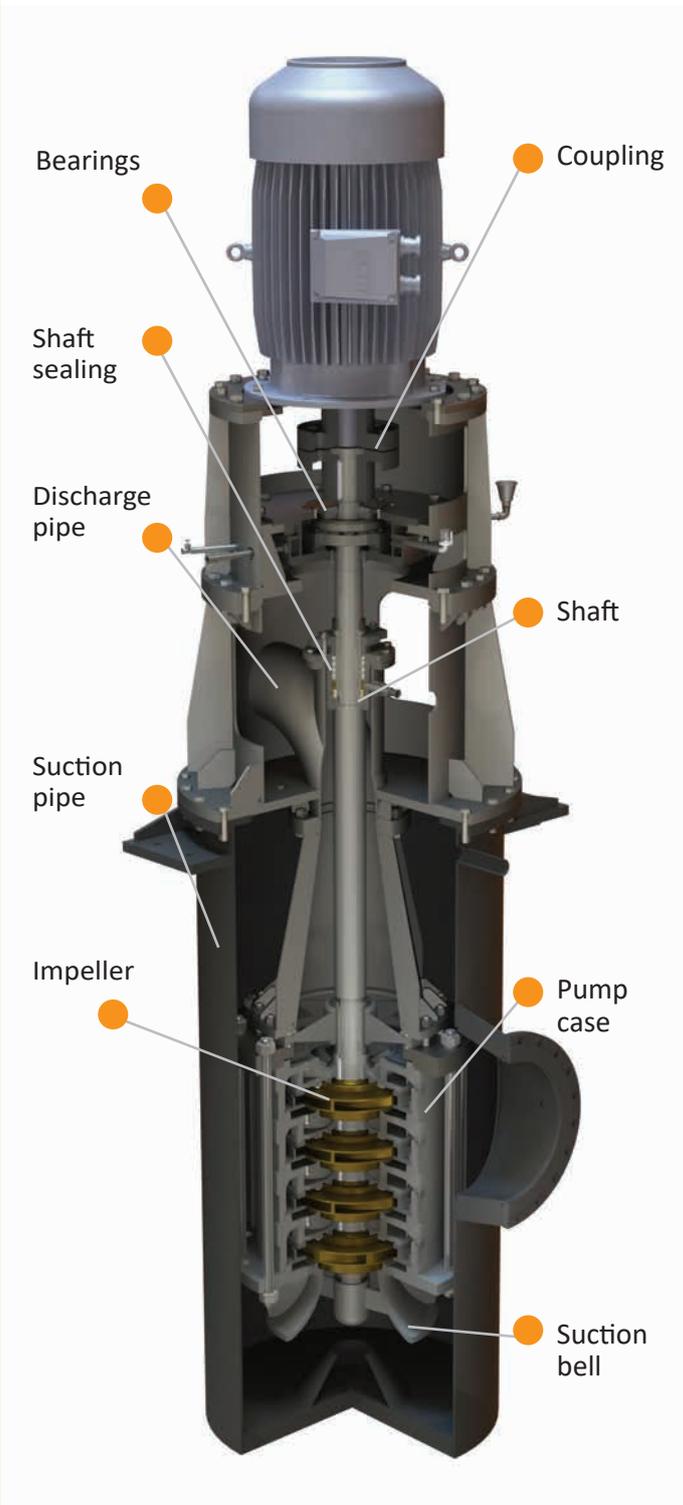
Provided for shaft stability.

Discharge pipe

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

Technical data:

- Capacity: up to 240 l/s;
- Head: up to 370 m;
- Pump size: up to DN 200;
- Temperature: up to 160°C.



Pump case

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

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.

Suction Pipe

The required depth for pump fitting is realized with assembly of certain number of inter-pipes with welded flanges.

Pump Shaft

Ample dimensioned single and double row ball bearings improve the stiffness and minimize shaft deflection.