

Sectional Drawing of STCP pumps

Pump case

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

Shaft sealing

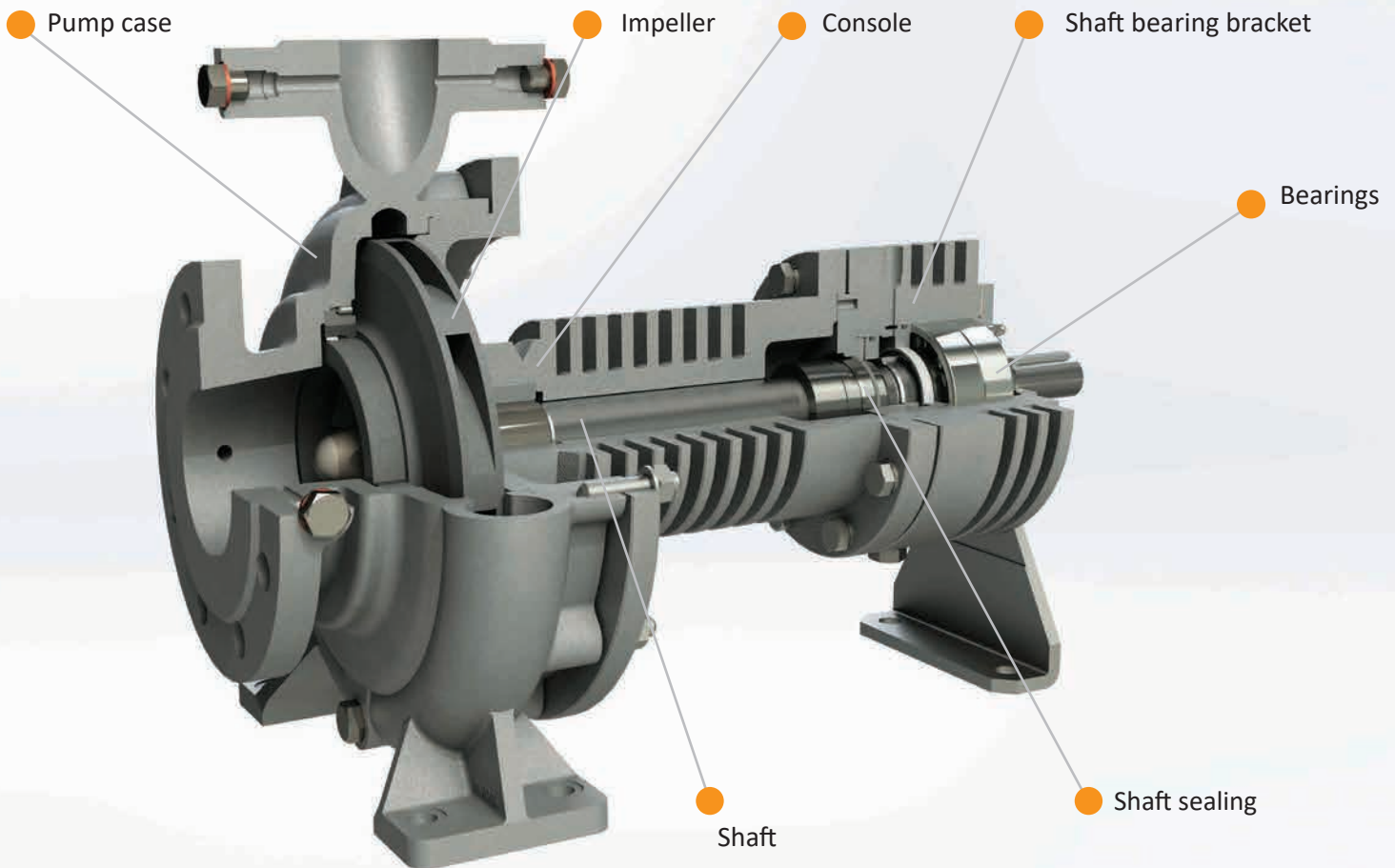
Shaft sealing can be with:
- soft packing
- mechanical seal.

Shaft bearing bracket

The heavy duty console with incorporated lantern assures silent operation.

Impeller

Fully enclosed, single -piece casting gives reliability, long trouble-free operation and high efficiency.



Bearings

The shaft is protected by a replaceable shaft sleeve in stainless steel.

Shafts

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

Console

Aligned between the bearing bracket and the pump case.

Technical data:

- Capacity: up to 350m³/h
- Head: up to 100 m
- Pump size: up to DN150
- Temperature: up to 350 °C