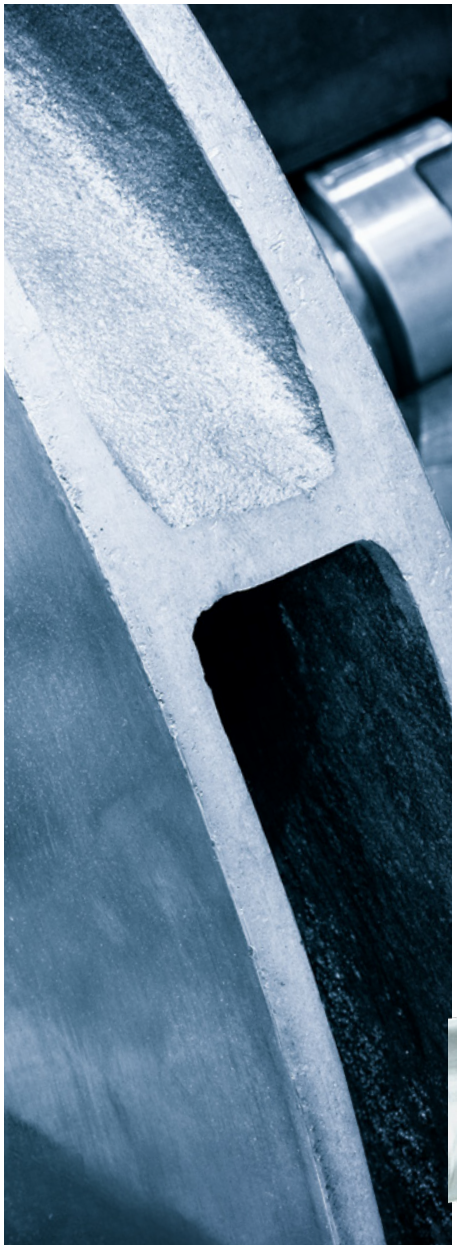
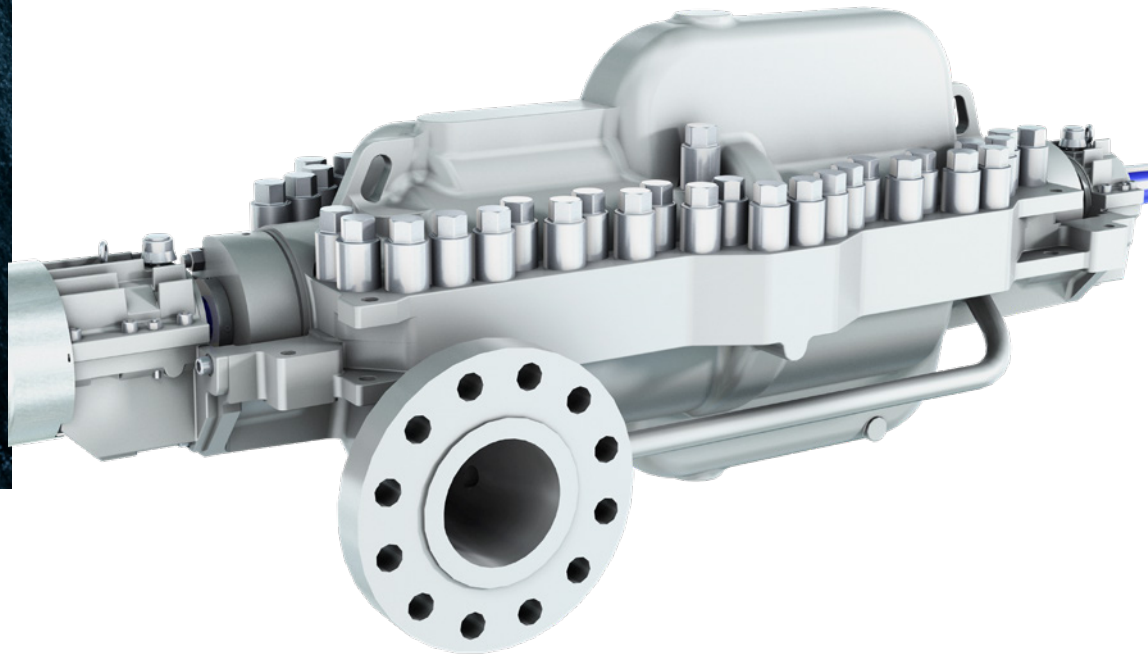


Flow Equipment

MSD axially split multistage pump



Features and benefits

1 Impellers
- Shrink fit, precision cast, dynamically balanced and individually secured

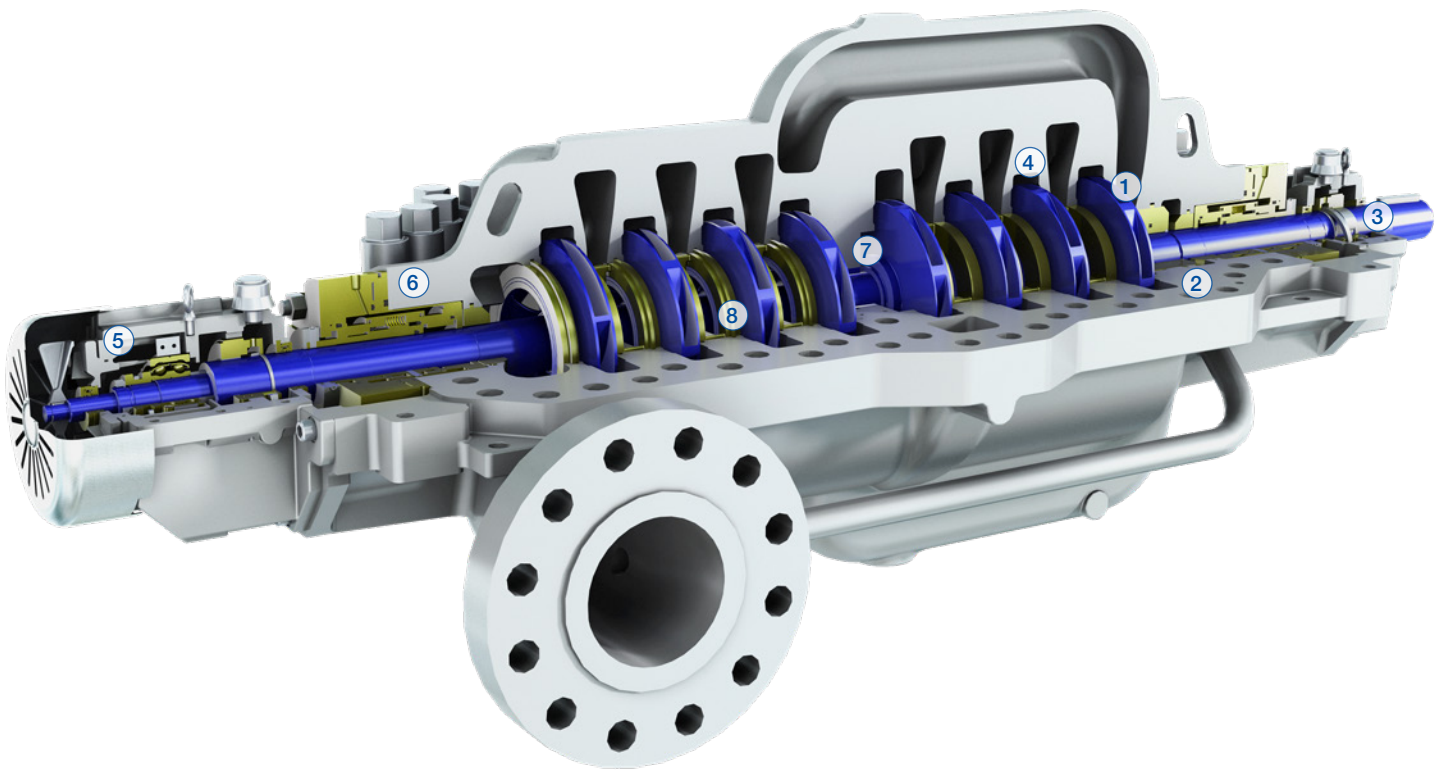
2 Axially split casing
- Simplifies rotor balancing, inspection and installation, case passageway inspection and modification, and spare rotor retrofits
- Support is near centerline for alignment
- Full range of design pressures to suit applications

3 Large diameter shaft
- Stepped for ease of assembly
- Sized to satisfy rotor dynamics and power transmission with worn clearances
- Optimized for hydraulic performance

4 Double volute construction
- Minimum radial thrust for less shaft deflection and less bearing loading

5 Bearings
- Ball radial and 7300 series ball thrust bearings are standard; sleeve/ball and sleeve/pivot shoe bearings are optional. INPROTM isolators are standard

6 Seal chambers
- Easy access for maintenance
- Space for tandem and double mechanical seals
- Compliance with ISO-13709 (API610) dimensions

7 Split center bushing
- Facilitates rotor dynamic balance, inspection, removal and replacement

8 Replaceable wear rings
- Pinned and axially retained impeller and case wear rings are standard