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Pumps • Valves • Service



RPHb API 610/11th Ed. – Heavy-duty Two-stage BB2 Process Pump

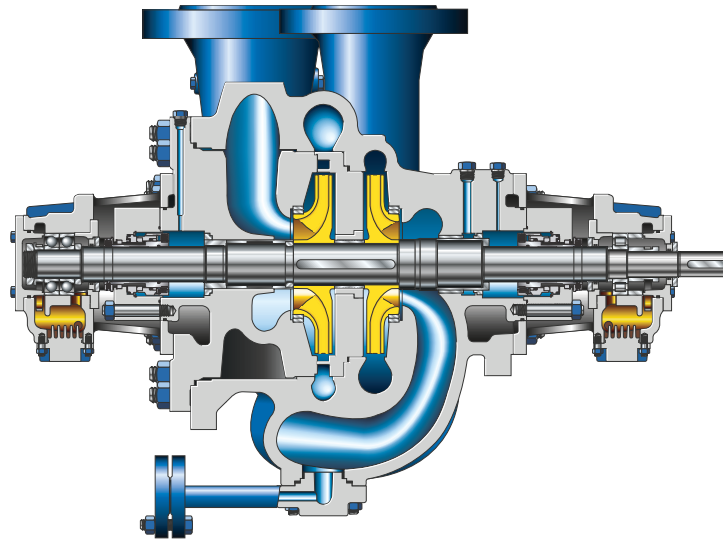


Applications:

- Refineries
- Petrochemical and chemical industries
- Onshore and offshore processes

More information: www.ksb.com/products

RPHb API 610/11th Ed. – Heavy-duty Two-stage BB2 Process Pump



- Robust design for longer service life**
 - Process pump in heavy-duty design to API 610
 - Optimised pressure boundary and hydraulic system with reinforced optimised shaft
- Wide range of variants for a broad application range and optimum adaptation to the system**
 - Numerous flange designs
 - Wide variety of materials
 - Coolable/heatable seal housing
 - Various bearing lubrication options
- Long service life and high reliability of the bearings ensured by**
 - Heavy-duty paired 40° angular contact ball bearings
 - Diffuser design and impellers in back-to-back arrangement
 - Standard version with oil ring lubrication and labyrinth seals
- Lower operating costs and higher system availability**
 - Comprehensive selection chart for optimum selection
 - Efficiencies and NPSH values better than with OH2 pumps
 - No need for a separate cooling circuit; integrated cooling fins and optional fan impeller ensure optimum cooling of the bearing brackets.
- Ease of service**
 - Easy to inspect and service due to top-top flange arrangement
 - Suction-side casing cover simplifies rotor removal.
 - Straightforward servicing due to cartridge seals to API 682
 - Replaceable casing and impeller wear rings
 - Modular design system reduces spare parts stocks.

| Materials | Technical data | 50 Hz | 60 Hz |
|-----------|-------------------------|--|--------------------------|
| | | S5, S6, S8, C6, A8, D1, D2 and special materials | Max. flow rate |
| | Max. head | 450 m / 1475 ft | 650 m / 2130 ft |
| | Operating temperature t | -80 °C to +450 °C / -112 °F to 842 °F | |
| | Operating pressure p | up to 100 bar / 1450 psi | up to 100 bar / 1450 psi |



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