

RPG BB2 series (API 610 11TH ED. BB2)

The RPG BB2 between bearings, radial split case process pumps are designed for smooth, reliable operation and meet the toughest and most demanding specification requirements of API 610 11TH ed.

With the typical API BB2 design features, such as the double suction design, large shaft diameter, center-line mounting and between bearing mounting of the impeller to ensure excellent performance and extended service life. The pump hydraulic design is fully optimized by CFD (Computational Fluid Dynamics) analysis.

The pumps offer seal chamber design in full compliance accordance with API 610 11TH ed / API 682 4TH ed to allow installation of API 682 single and double cartridge types of mechanical seals.

CAPACITY



Up to 10.000 m³/h

PRESSURE



Up to 400 m

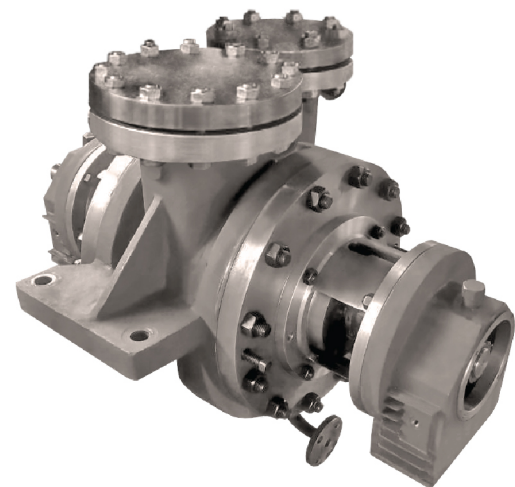
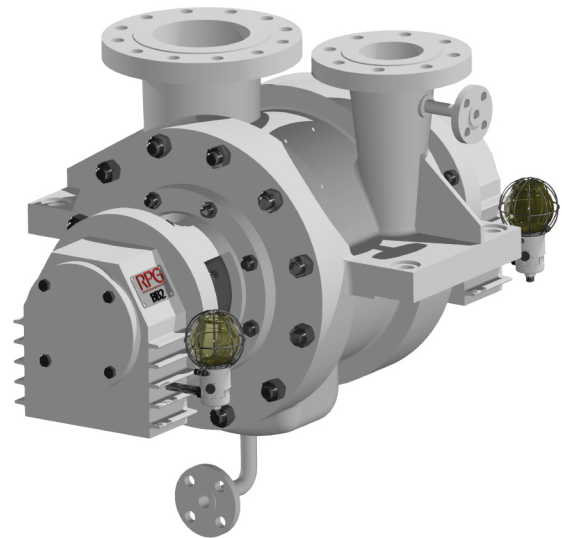
TEMPERATURE



Up to 450 °C

Product features

- Center-line mounted casing for the best stability
- Radial split casing suitable for high-temperature applications
- Full compliance with API 610 11TH ed (ISO 13079) type BB2
- Back pull-out design for easy pump dismantling and replacement of internal components
- Replaceable impeller and casing wear rings
- Roller bearings or sleeve bearings for optimal performance
- Seal chamber design fully compliant with API 610 11TH ed / API 682 4TH ed.



Options

- Fan and/or water cooling for bearings
- Cooling jacket
- Side-side flanges
- Gearbox or VFD driven

Applications

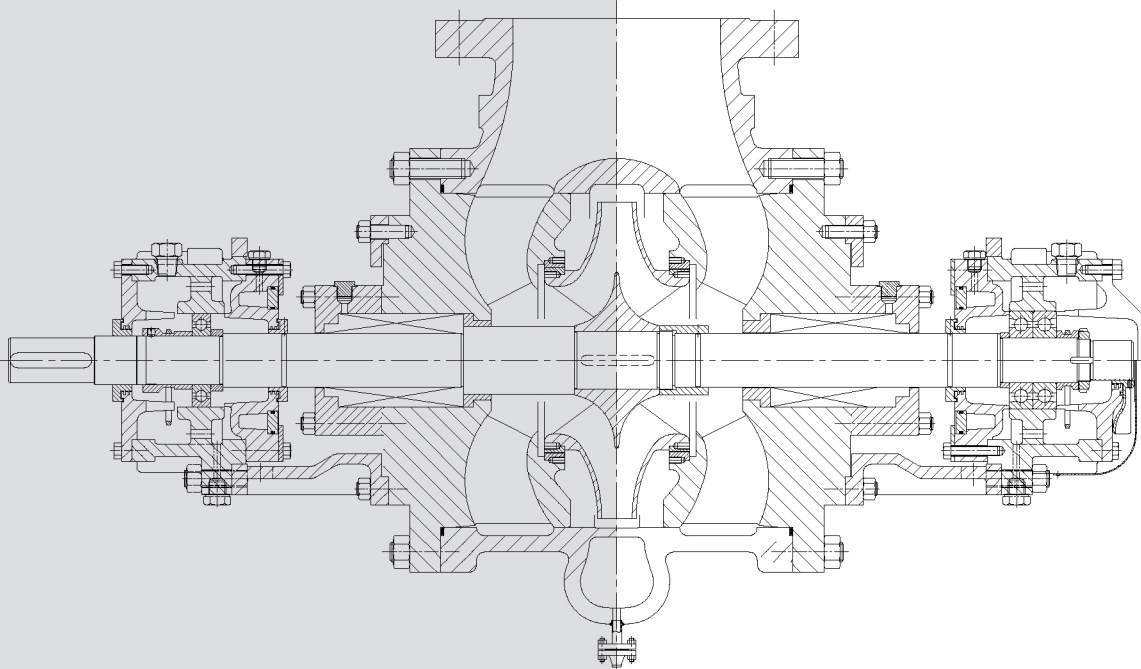
- Oil and gas industry
- Hydrocarbon processing
- Liquefied gas processing
- Petroleum production and refining
- Utility pumps
- Hot fluid transport application
- Power plants
- Pulp and paper industry
- High-temperature service (boiler feed)

Materials

- All materials of construction in accordance with the latest API 610 Annex H Table H.1 available
- Special materials and coatings available upon request

Technical data

- capacity up to 10.000 m³/h
- Head up to 400 m
- Maximum temperature up to 450°C



Head Office

Havennummer 2248
Waalhaven ZZ 52-66
3088 HJ Rotterdam
The Netherlands
Tel: +31 (0) 10 428 52 33