

RPG BB1 series (API 610 11TH ED. BB1)

The RPG BB1 series is designed as a single-stage, double suction, between bearing, axial split case pump that meets the requirements of the API 610 11TH edition BB1 type.

The RPG BB1 features heavy-duty shaft design for low shaft deflection, and large seal chambers to fit all range of API 682 single and double cartridge seals. The hydraulic design is fully optimized by CFD analysis.

CAPACITY



Up to 15.000 m³/h

PRESSURE



Up to 250 m

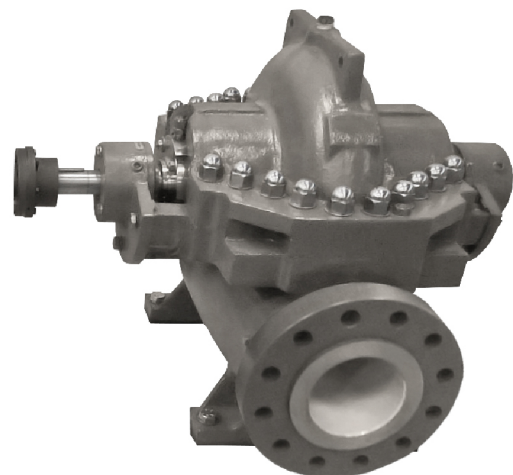
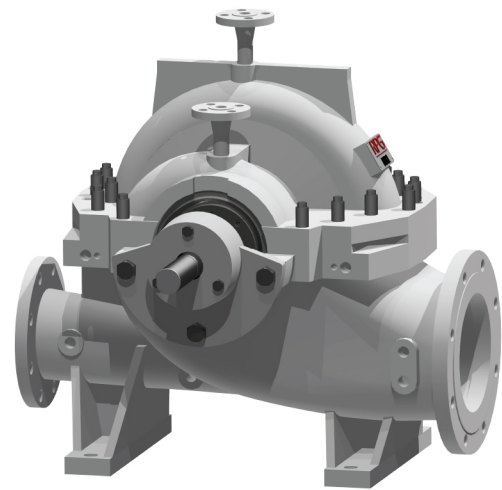
TEMPERATURE



Up to 180 °C

Product features

- Available in full compliance with API 610 11TH Ed (ISO 13709) type BB1
- Axially split casing to allow easy access to pump internals
- Replaceable impeller and casing wear rings
- Oil lubricated roller bearings or sleeve bearing for optimal performance
- Seal chamber design fully compliant with API 610 11TH ed / API 682 4TH ed.
- Soft packing shaft sealing and DIN standard mechanical seals on non-API models
- #150 RF ANSI B16.5 as standard



Options

- DIN standard option
- Soft packing (Non-API)
- Grease lubricated (Non-API)
- Casing jacket for heavy cooling
- Fan or liquid cooling on bearing frame

Applications

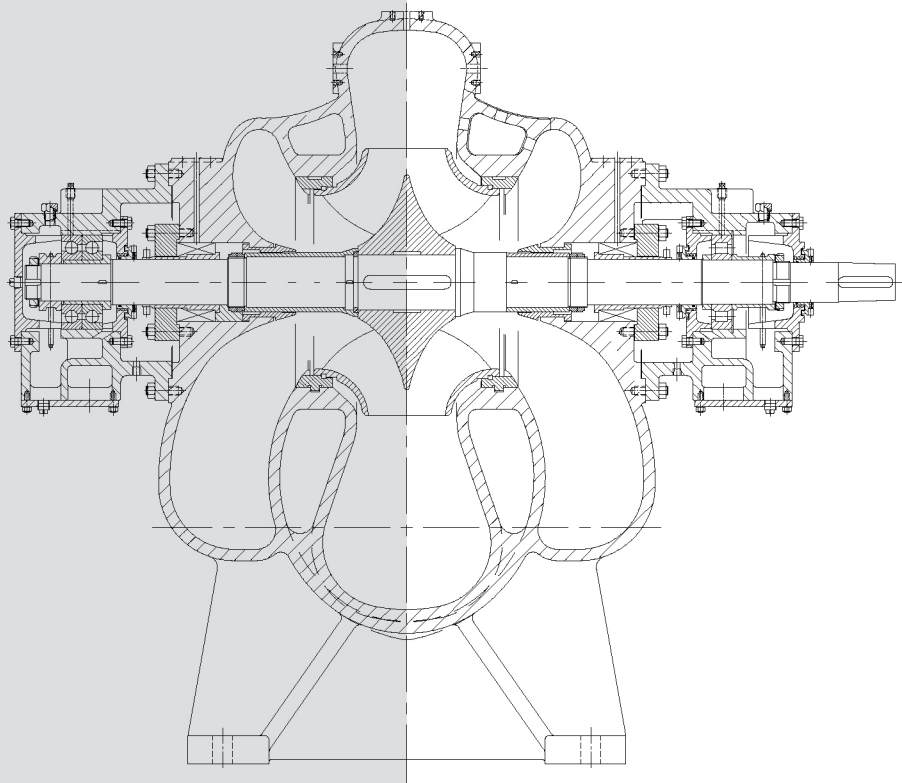
- Large-capacity, mid-pressure transport and booster application
- Cooling water pump (in Oil and Gas)
- Petrochemical
- Refinery
- Tank farms
- Booster stations
- Irrigation (NON-API Version)
- Fire fighting (NON-API Version)
- Water and general industry (NON-API Version)

Materials

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

Technical data

- capacity up to 15.000 m³/h
- Head up to 250 m
- Maximum temperature up to 180°C



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