

HM/HMD (BB3) Pump

Fully compliant with API 610 requirements

Operating Parameters

- Flow rate in excess of 4,400 USGPM (1,000 m³/h).
- 7,600 ft and 2,300 m respectively (for heads).
- Temperatures up to 400 °F (200 °C).
- Standard Design Working Pressure of 2,250 PSIG (15,000 kpag).

Standard Features

- Wide hydraulic coverage.
- Application tailored hydraulic selections.
- 600/900/1500# flange ratings.
- Available in all API 610 Table H.1 materials.
- Hydraulically opposed impeller arrangement for thrust balancing.
- Single-suction first stage (HM) or doublesuction first stage (HMD).
- Axially split, precision milled parting flanges.
- Split case wear rings and center bushings for ease of maintenance.
- Integral balance line.
- Rigid design shaft for minimal deflection to meet and exceed API 610 requirements.
- Inpro/Seal bearing housing closures.
- Heavy Duty baseplate, drip rim or drip pan designs.

Optional Features

- High pressure special casing design.
- Positive retention of impellers in both directions.
- Fan/Heat-sink bearing housing cooling arrangement for operation at elevated temperatures, to eliminate the need for cooling water.
- Magnetic bearing housing isolators.
- All bearing combination arrangements are available where suitable: Ball/Ball, Sleeve/Ball, Tilt Pad/Sleeve.



 To meet customer preference.

Split Center Bushing ⊢

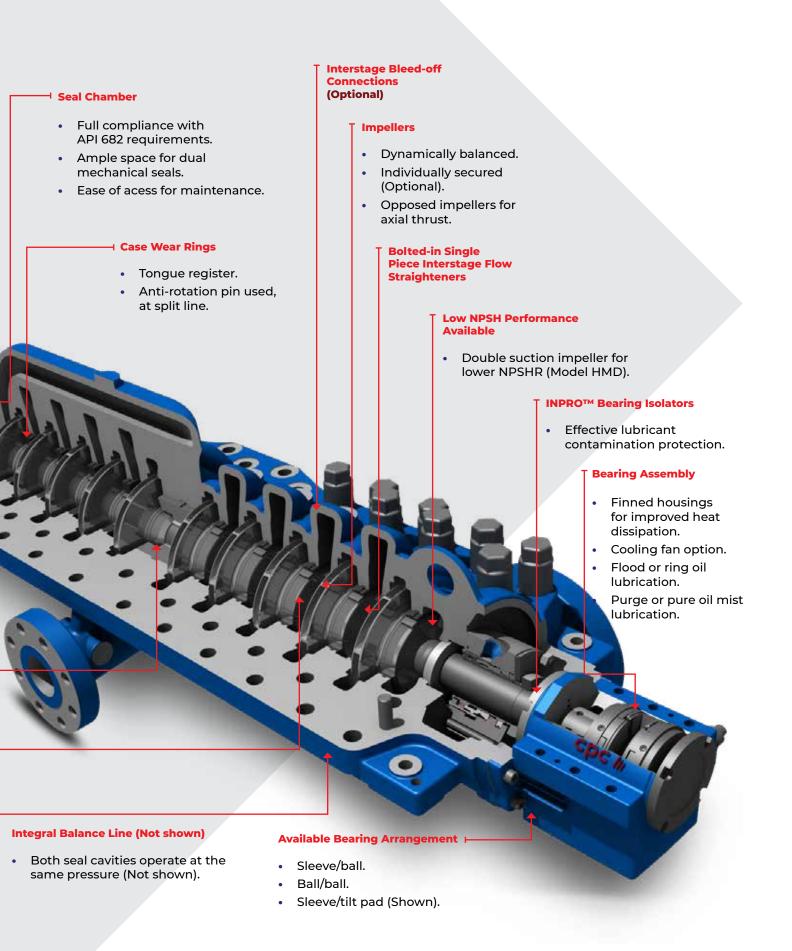
 For ease of inspection, removal and re-installation.

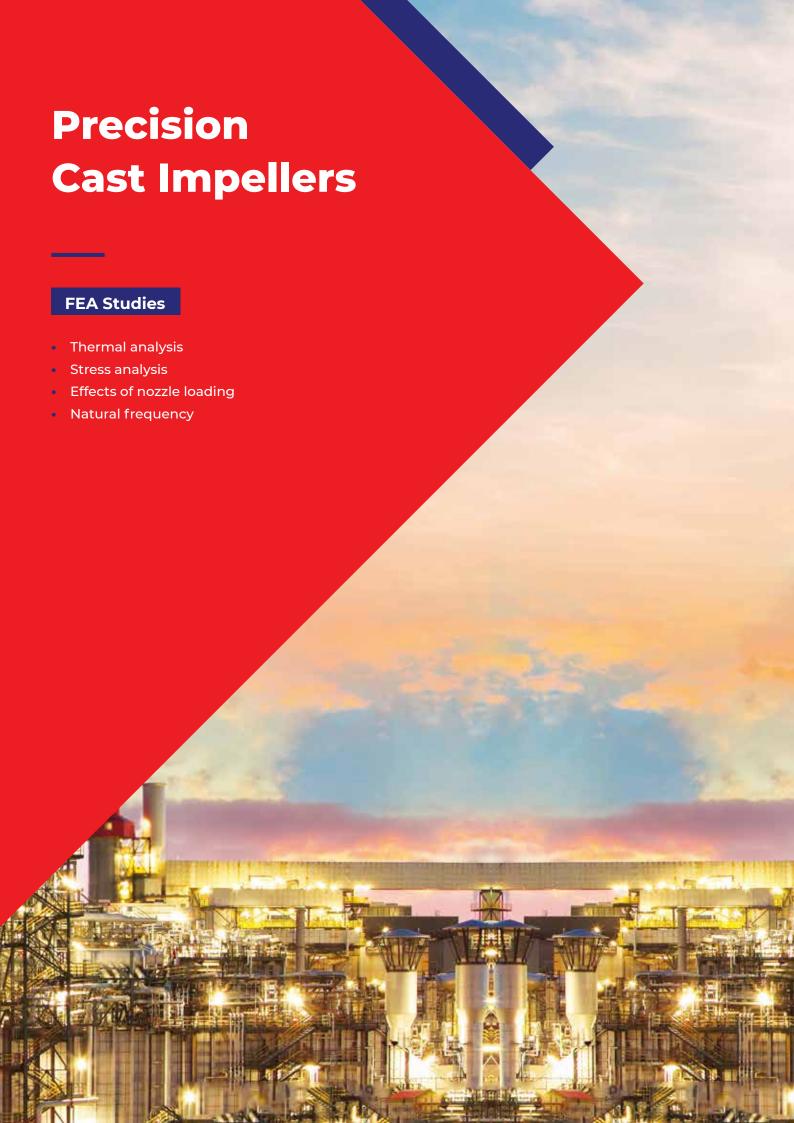
Replaceable Impeller Wear Rings

Optional integral impeller ring.

Axially Split Casing ⊢

- Near centerline mount.
- Full range of design pressures.





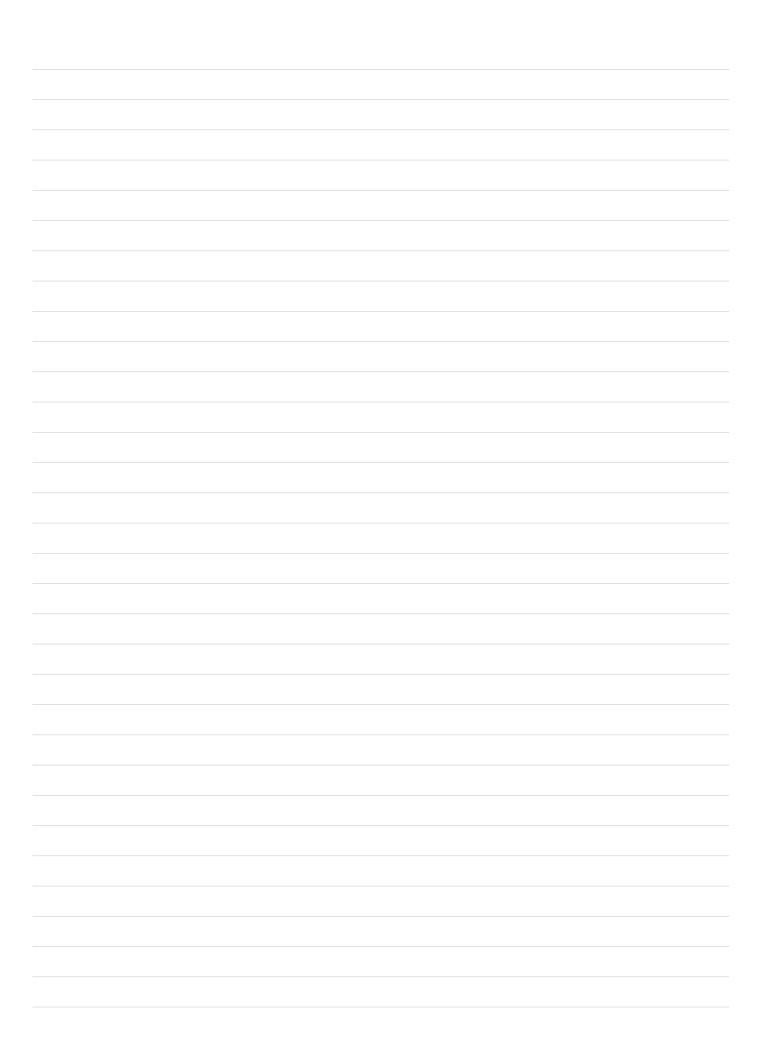
About CPC Pumps International Inc.

Building on more than 60+ years of industry experience and unique design and production capabilities, CPC Pumps International Inc. provides pump solutions for the hydrocarbon industry.

With our broad range of solutions and best-in-class hydraulic performance coverage, CPC Pumps provides our customers with tailor-made pump solutions for process-critical applications. Our focus on serving the market for fully compliant API 610 centrifugal pumps has made us a leading innovator in the hydrocarbon processing industry.



Notes



CPC Pumps International Inc. is part of Atlas Copco Gas and Process. It is operated as a standalone company within Atlas Copco Gas and Process, and serves as competence center of excellence for centrifugal pumps in Atlas Copco.



Driving the world of hydrocarbon fluids

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