

CPC Pumps Model VT & VTC

API 610/ISO 13709

Type VS1 single casing pump

Type VS6 double casing pump

www.cpcpumps.com

VT VS1 Pump & VTC VS6 Pump

Fully compliant with API 610 requirements

Operating Parameters

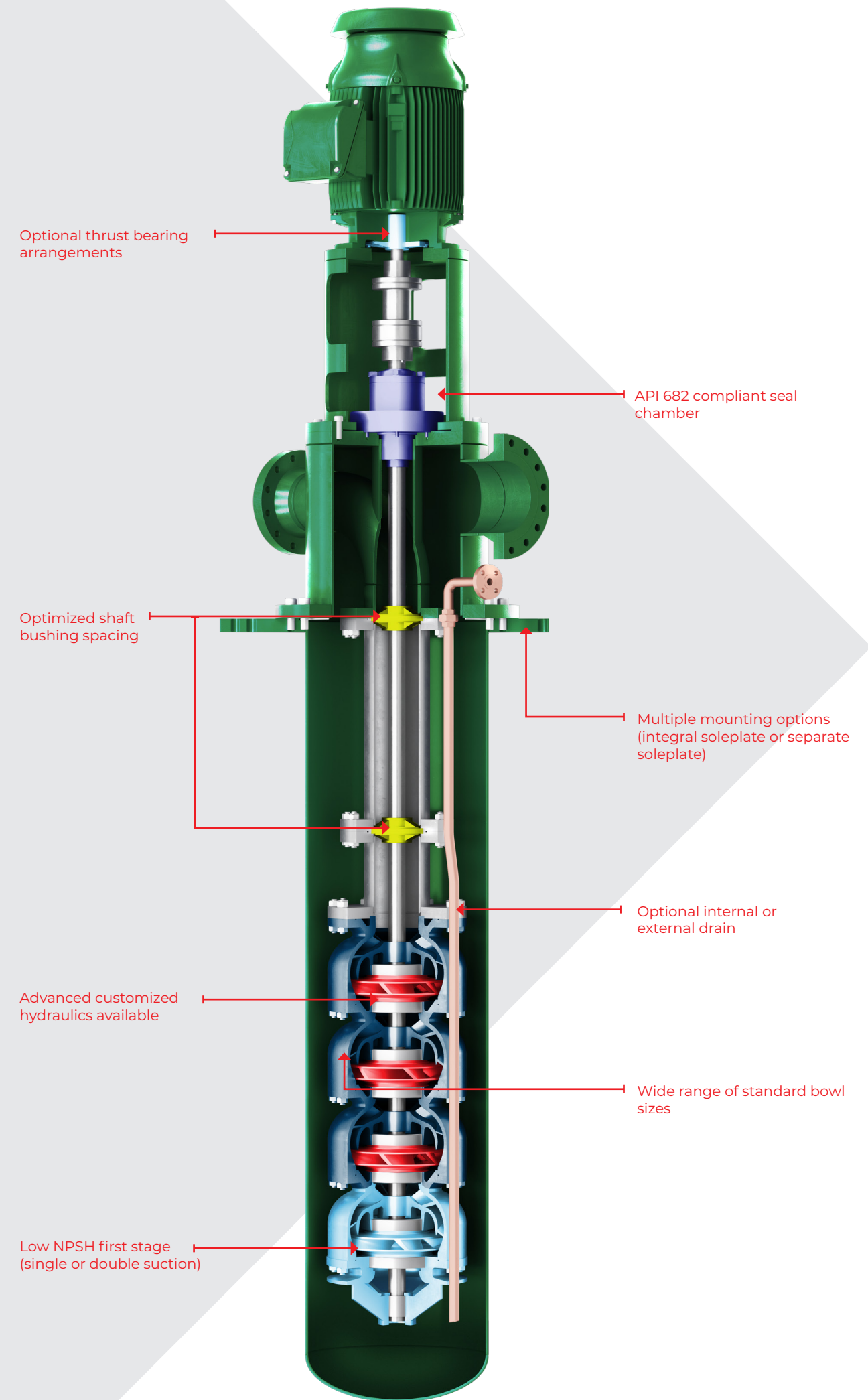
- Flow rate in excess of 4,400 USGPM (1,000 m³/h).
- TDH of up to 7,600 ft / 2,300 m
- Temperatures up to 1060 °F (570°C).
- Standard Design Working Pressure of 1,480 PSIG (10,100 kpag).

Standard Features

- Wide hydraulic coverage.
- Application tailored hydraulic selections.
- 150/300/600# flange ratings.
- API 610 Table H.1 materials.
- Single-suction first stage or double-suction first stage available.
- Tailored shaft bearing spacing for improved reliability.
- Sculpted bowls for reduced overall pump weight

Optional Features

- High pressure 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.
- Custom bearing arrangements for improved thrust handling.
- Additional mounting configurations
- Special features for cryogenic applications
- Magnetic bearing housing isolators.



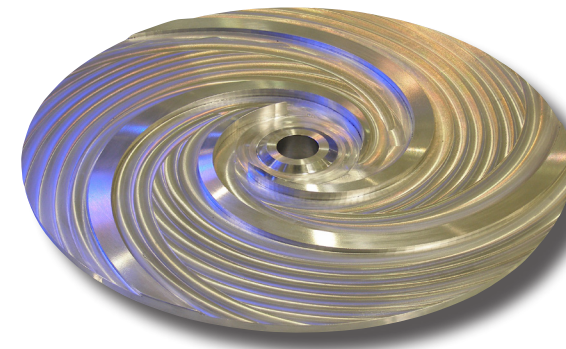
Applications Served

From improving energy efficiency and CO2 footprint of your existing rotating equipment to machinery serving new and emerging processes - there are numerous ways we can enhance your current operations.

CPC Pumps provides centrifugal pump solutions that can help you sustainably lower your environmental impact.

Low NPSH Applications

The VT & VTC model pumps were designed specifically for applications where marginal NPSHa values present a challenge. CPC Pumps' precision-cast first-stage impellers and vast hydraulic range, provides solutions for the most difficult of process conditions.



Green Energy & Renewables

As renewable energy utilization increases worldwide, the need for reliable pumps with the ability to handle extreme temperatures and pressures is critical. CPC's advanced hydraulic solutions can be tailored to support:

- **Hydrogen**
- **Geothermal Power**
- **Flexible Energy Storage**

Hydrocarbon & Petrochemical

CPC Pumps is a leader in providing class-leading, API 610 pump solutions for the refining and petrochemical services. Common applications include:

- **Crude Pipeline Booster**
- **Cryogenic Services**
- **LNG**
- **LPG**
- **Condensate**



Why Choose CPC Pumps?

- The most advanced hydraulic fits in the industry
- State of the art engineering analysis tools (CAD/FEA/CFD) utilized by a team of highly specialized engineers
- Robust and reliable designs, adaptable to meet the most challenging applications
- Highest level of service and technical support before and after sale
- Project management focused approach that provides customers with world class experiences, offering unmatched adaptability and agility
- Comprehensive line of API 610 compliant solutions serving both traditional hydrocarbon and new energy industries

About CPC Pumps International Inc.

CPC Pumps International Inc. has been a provider of pump solutions for the hydrocarbon industry since 1957.

With best-in-class hydraulic performance coverage, unique design and advanced production capabilities, 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.

As an innovator, we always have our sights set on the present and the future. The world is quickly moving towards a circular economy and the goal of Net Zero Emissions by 2050. Many of the processes in which pumps are already used today will also be essential going forward, with CPC's technology helping to drive this transformation.





Part of the Atlas Copco Gas and Process Division

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.

**Inspiring innovation.
Driving sustainability**
www.cpcpumps.com

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