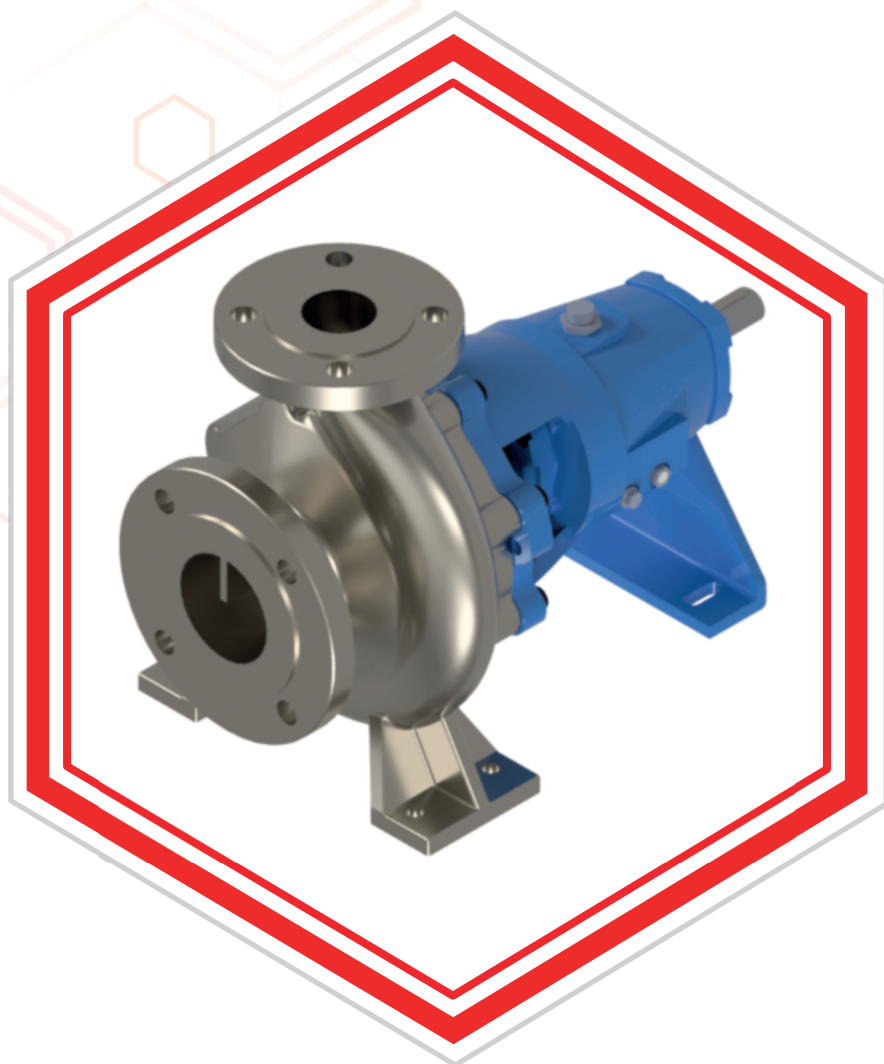




WELTECH PUMPS

Centrifugal Process Pump Type "CP" & "CPC"

**CATALOGUE
2026**



Powering Your Process

Overview

Our Company

Weltech Equipments Pvt. Ltd. is a professionally managed Ahmedabad (Gujarat - India) engineering company engaged in the manufacturing of high-performance industrial pumping solutions for diverse process industries. With a strong commitment to quality, innovation, and customer satisfaction, Weltech has established itself as a trusted name in centrifugal pump technology.

Backed by advanced manufacturing facilities, experienced engineering professionals, and stringent quality control systems, Weltech delivers reliable and energy-efficient pumps designed to meet demanding industrial applications. The company specializes in manufacturing process pumps, end suction centrifugal pumps, chemical process pumps, utility pumps, and customized pumping systems engineered in compliance with international standards.

The company focuses on:

- Precision Engineering
- High Hydraulic Efficiency
- Robust Construction
- Low Maintenance Design
- Reliable Continuous Operation
- Energy Saving Performance

With a customer-centric approach and continuous technological advancement, Weltech Pumps is dedicated to delivering dependable fluid handling solutions that ensure maximum operational efficiency and long service life.

Centrifugal Process Pumps "CP & CPC"

Your One Stop Solution for all pumping needs! Designed according to the EN22858/ISO 5199 standards for CPC Type & EN733 (Din 24255) for the CP Type pump offer you a range of pumps for a range of needs, with interchangeable parts for a worry free maintenance and a steady supply of spares for your needs.

The pump has a wide range of shaft sealing options, varying from gland packing to balanced cartridge double seal. Standard and heavy duty bearings are available, either grease or oil lubricated.

CPC Series represents a range of horizontal centrifugal pumps suited for handling low-viscosity, clean or slightly contaminated liquids. The pump is designed to EN22858/ISO 5199; however the number of available types is somewhat larger, which provides a wider hydraulic field.

CP Series represents a range of horizontal centrifugal pumps suited for handling low-viscosity, clean or slightly contaminated liquids. The pump is designed to EN 733 (DIN 24255); however the number of available types is somewhat larger, which provides a wider hydraulic field.

The Back Pull Out design greatly facilitates maintenance of the CP/CPC Series. Thanks to the similarity between the structural parts, the stock of spare parts can be limited.

Product Application & Key Features

Key Features

- Available in various materials
- Only 5 Shaft Groups for the whole range allows for a great interchangeability of parts
- Suitable for a wide range of duties
- Mechanical seals according to the EN 12756 (DIN 24960)
- Available in Gland Packing & Mechanical Sealing Options
- Single & Double Cartridge Seal Options
- Oil or Grease Lubrication for Ball Bearings
- Back Pull-Out Design for easy maintenance saving a lot of time
- Parts are always available for immediate servicing and lowest downtime of your plant
- Easy maintenance design

Application

The CP & CPC Series pumps are designed for reliable performance across a wide range of industrial and commercial applications. These pumps are ideal for:

- Industrial water circulation systems
- HVAC and chilled water applications
- Pressure boosting systems
- Cooling tower circulation
- Water supply schemes
- Fire fighting systems
- Irrigation and agricultural use
- Process industries
- Chemical and utility services
- Boiler feed and condensate transfer

Industrial Usage

Designed in compliance with the industrial standard EN 733 (24255)/EN22858 / ISO 5199 and available in several materials with multiple gland and seal types make it the go-to choice for industrial uses.



General Purpose Uses

Applicable in Utility Buildings as General Duty Pumps, Circulation Pumps and heating Systems along with water purification plants as well.



Water &
Wastewater Treatment
Plant

Chemical/Pharma
Plant



Marine
Applications



CP & CPC Bare Pump

Pump casing:

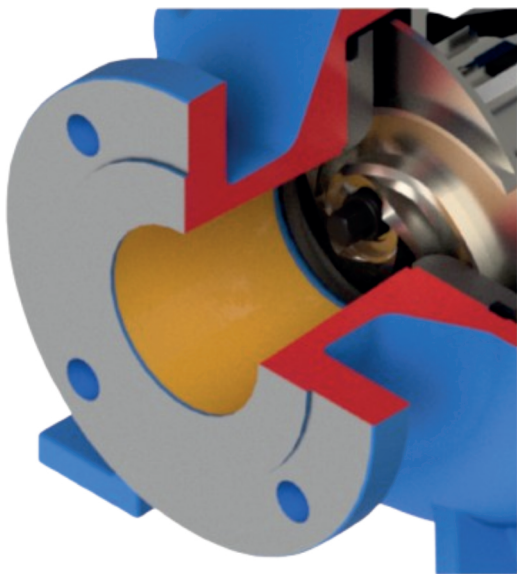
- flanges according to ISO 7005 PN 10 / PN 16
- max. working pressure 1000 kPa (16 bar)
- wide range of applications
- large drain opening for complete and fast draining of the Casing

Pump performance:

- optimised volute design for high efficiency
- smooth surfaces
- minimum internal losses

Pump cover:

- flat gasket, fully chambered
- no gasket blow-out
- machined fits
- integrated stuffing box/ mechanical seal chamber
- perfect alignment of all components

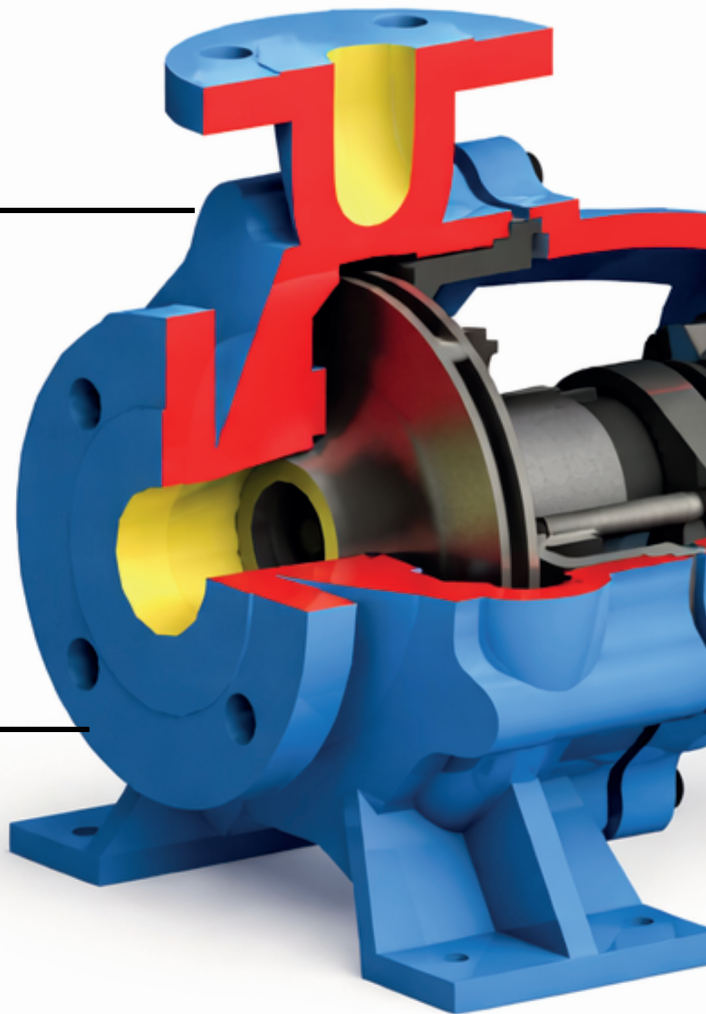


Impeller Choices:

- closed impeller with casing wear ring
- half-open impeller with wear plate

Suction capabilities:

- Smoothly designed suction entry for optimum NPSH
- minimal flow distortion giving better suction capabilities



Oil lubrication:

- breather / filling plug on top
- oil bath
- oil sight glass
- constant level oiler
- Large drain plug

Bearings:

- 2-deep groove ball bearings sealed for life or oil lubricated double row angular contact bearing and roller bearing greased for re-lubrication or oil lubricated

Shaft:

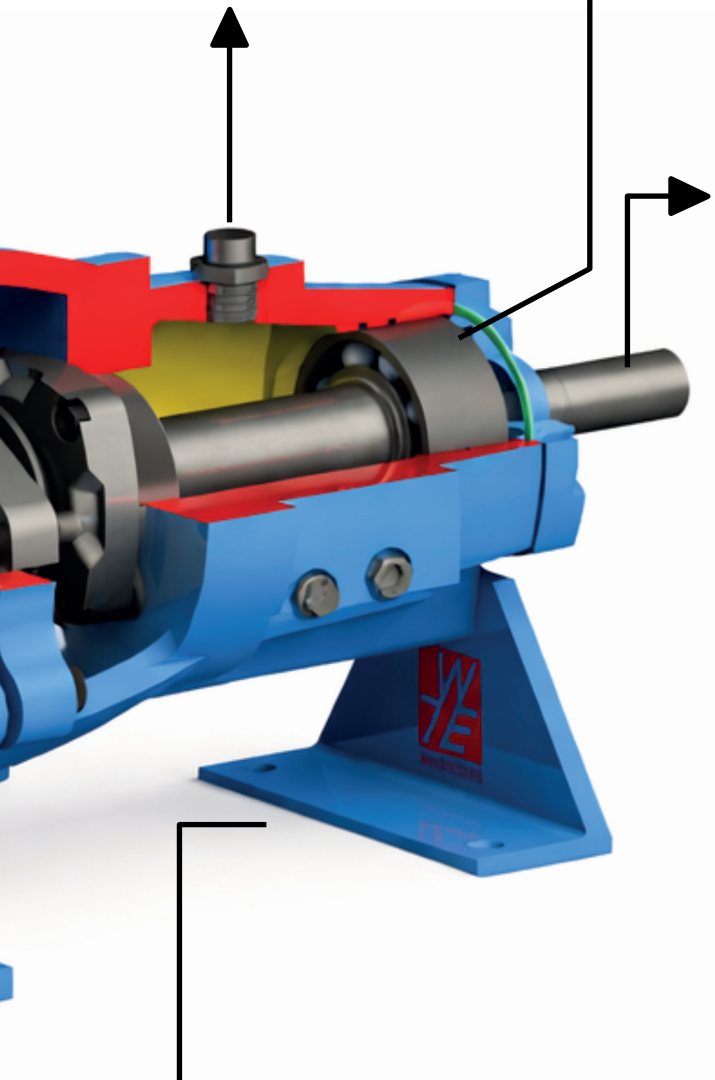
- steel alloy or stainless steel shaft
- rigid, reliable shaft
- most seal options with shaft sleeve (extended impeller key ensures co-rotation of the shaft)
- no contact between shaft and pumped liquid when shaft sleeve applied
- Several types of shafts sealing options available according to EN 12756(DIN 24960) Std. including cartridge seals
- Mechanical seal available in option such as quenched mechanical seal or cooling/heating jacket

Foot:

- machined foot
- exact positioning on baseplate and in pipework

Easy and low cost maintenance:

- Back Pull Out principle
- reduced maintenance downtimes, quick and easy impeller replacement
- reduced maintenance costs
- cartridge seals
- changeable wear ring
- reduced maintenance cost



Technical Data

Technical Specs for CP & CPC Series

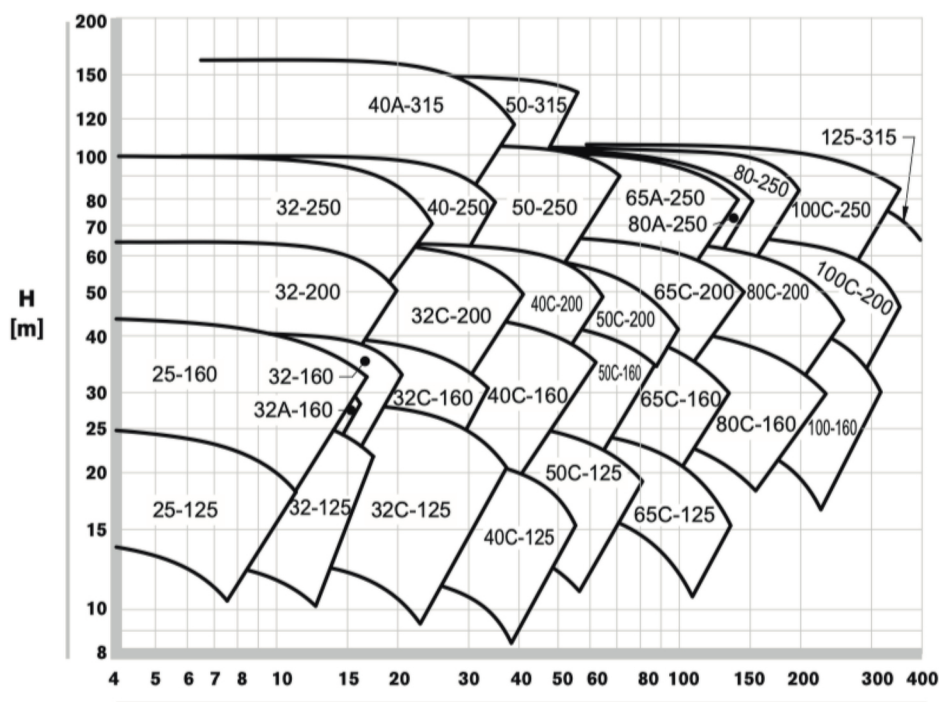
Max Capacity 1500 m³/Hr

Max Head 160 m Max

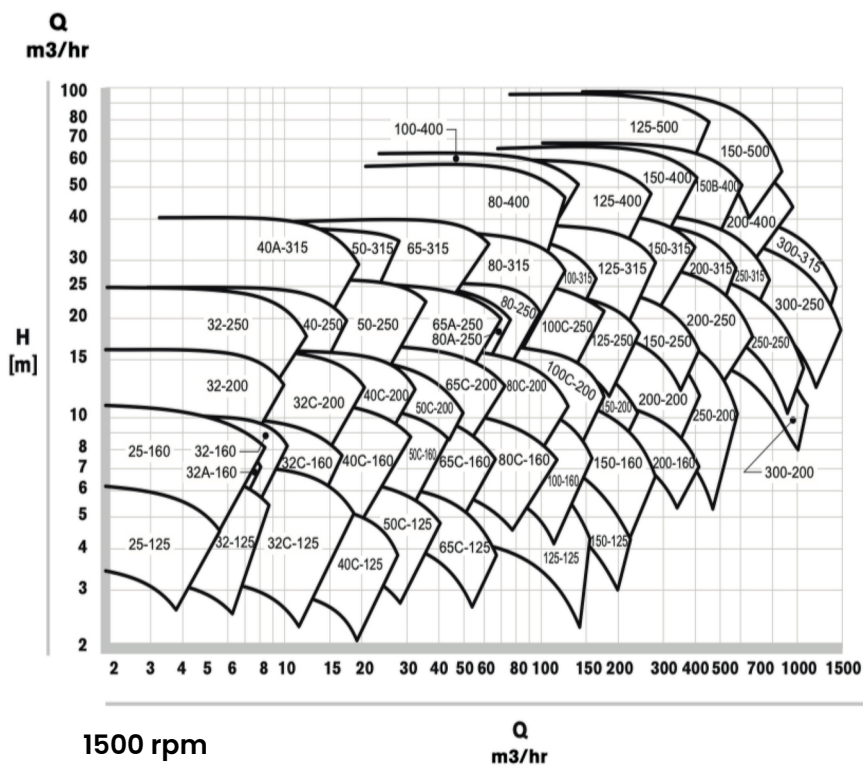
Working Pressure 1600kPa (16 Bar)

Max Temperature 200 °C

Max Speed 3600 rpm



3000 rpm



1500 rpm



Our Design Insights

Product Testing

Everybody Knows This, You cant sell a product in which you dont trust.

Neither do we.

With our inhouse performance test facility, we sell what we believe has worked and designed with utmost precision. Perfect selection and test certificates ranging from Material Certication to Performance Results, everything is available to our customers at a moment's Notice.

Infact, our customers can arrange a visit to our production facility for onsite testing whenever they please.

We are'nt just giving you products, we provide trust.

Product Design

Nobody likes a product that doesnt seem reliable and well designed.

Neither do we.

With Solidworks 3D Design software and CSWA & CSWP Certified Personnel, we have upped the game of our design strategies with amazingly detailed Research and Simulation runs on our individual products with amazing degree of finess.

It saves us time and you as our customer, from buying a faulty product.

Our design team works closely with the customer for enhanced support and pre-install troubleshooting.



Our Strengths

- Modern Manufacturing Infrastructure
- Experienced Technica Teaml
- Strict Quality Assurance
- Customized Engineering Solutions
- Timely Delivery Commitment
- Strong After-Sales Support
- Competitive & Reliable Products



WEL-TECH EQUIPMENTS PVT. LTD.

Plot No. 57/9 Phase 1, Nr. Kiran Industries, Vatva GIDC, Vatva, Ahmedabad, Gujarat, India. 382445



ISO 9001 : 2015

☎ 9825328937, 8238996993, 9925040029,

✉ Sales@weltechpumps.com, Hiteshramoliah34@gmail.com

🌐 www.weltechpumps.com

