

CPP-21

ANSI HORIZONTAL PROCESS PUMPS

All CPP-21 pumps are designed around a single, basic hydraulic and mechanical design concept which ensures efficiencies across a wide spectrum of operating conditions, unparalleled application flexibility, and superior interchangeability.

Ruhrpumpen's quality program and in-house foundry, along with the latest testing equipment, ensures that the pumps we manufacture will provide long operating life, even under the most severe conditions.

Quick ship program Available in North America*

*Please contact your Ruhrpumpen representative or distributor for availability.

DESIGN FEATURES

- Single stage horizontal centrifugal pump.
- Radially split casing with flanged connections.
- Horizontal end suction and vertical discharge on the center line.
- Enclosed impeller, clockwise rotation (viewed from coupling end).
- Exceptional L / D deflection index.
- Foot mounted.
- Oil-lubricated bearings standard, grease, sealed and oil mist optional.
- ANSI / ASME standard B-73.1 (OH1).
- "Back pull-out" design allows pump disassembly without disturbing pipe connections.
- Standard or large bore stuffing boxes are available for packing, single, or double seals.
- All API flush plans are offered, as needed, in a variety of configurations.
- Labyrinth type bearing protectors.
- Low Flow High Head design available.



CPP-21 Standard Construction

OPERATING LIMITS

- Capacity to 5,000 U.S. gpm (1,150 m³/h)
- Head to 770ft (235m)
- Temperature -50 to 600 °F (-45 to 315 °C)
- Pressure to 375psig (25.85 bar)
- Discharge 4,600Kpa

APPLICATIONS

- Food Processing ■
- Power Generation ■
- Pharmaceuticals ■
- Water Treatment ■
- General Process ■
- Petrochemical ■
- Oil & Gas ■
- Steel Industry ■
- Automotive ■
- Fire Service ■

And many other applications

STANDARD CONSTRUCTION MATERIALS

- Ductile Iron / Stainless Steel ■
- All 316 Stainless Steel ■
- Alloy 20 ■
- Hastelloy ■
- Zirconium ■
- Duplex Stainless Steel ■
- Other Materials available upon request ■








MORE INFORMATION

www.ruhrpumpen.com email: info@ruhrpumpen.com



CPP-21 Fire System

RUHRPUMPEN PLANTS

-  GERMANY, Witten
-  INDIA, Chennai
-  USA, Tulsa & Orland
-  BRAZIL, Rio de Janeiro
-  MEXICO, Monterrey
-  ARGENTINA, Buenos Aires
-  EGYPT, Cairo

