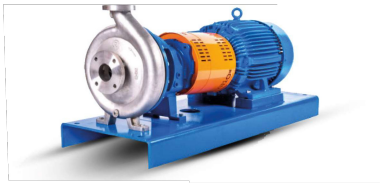
ROTECH

QUALITY | COMMITMENT | ADAPTABILITY

PRODUCT
LINE CARD



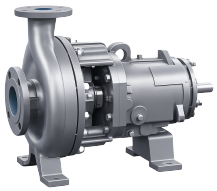
ANSI FRAME MOUNTED PUMPS



1196 1196LF Series ANSI Pumps

Key Features
- Designed & Manufactured to meet ANSI / ASME B73.1 Standard
- Semi-Open Impeller and Low -Flow Radial Impeller available
- Available in Various MOC: DI, SS, CD4, A20, HC, NI and more
- Pumps and Parts interchangeable with other ANSI Brands

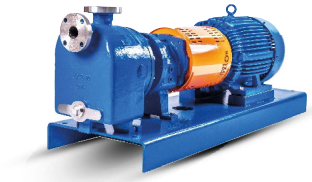
Design Specifications
- Max Flow Upto 1590 m³/h (7000 GPM)
- Max Head Upto 223 m (730 ft)
- Max Temperature 371˚ C (700˚ F)



R3 ANSI Pumps

Key Features
- Designed & Manufactured to meet ANSI / ASME B73.1 Standard
- Reverse Vane Impeller
- Designed for low NPSHa applications
- Available in Various MOC: DI, SS, CD4, A20, HC, NI and more
- Pumps and Parts interchangeable with other ANSI Brand

Design Specifications
- Max Flow Upto 50 m³/h (220 GPM)
- Max Head Upto 282 m (925 ft)
- Max Temperature 371˚ C (700˚ F)



1796 Series ANSI Self Priming Pumps

Key Features
- Designed & Manufactured to meet ANSI / ASME B73.1 Standard
- Self Priming
- Available in Various MOC: DI, SS, CD4, A20, HC, NI and more
- Pumps and Parts interchangeable with other ANSI Brands

Design Specifications
- Max Flow Upto 284 m³/h (1250 GPM)
- Max Head Upto 131 m (430 ft)
- Max Temperature 260˚ C (500˚ F)

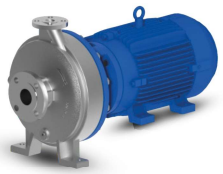
ANSI CLOSE COUPLED PUMPS



1296 Series ANSI Close Coupled Pumps

Key Features
- Close coupled Compact Design
- Semi Open impeller
- Various sealing options T1, Cartridge seals, gland packed
- Various Flush plans options
- Available in various MOC such as DI, CS, SS, CD4MCUN

Design Specifications
- Max Flow Upto 1000 m³/h (4403 GPM)
- Max Head Upto 222 m (730 ft)
- Max Temperature 120˚ C (248˚ F)



1296LF Series Low Flow ANSI Close Coupled Pumps

Key Features
- Low Flow High head Close coupled Compact Design
- Semi Open impeller
- Various sealing options T1, Cartridge seals, gland packed
- Various Flush plans options
- Available in various MOC such as DI, CS, SS, CD4MCUN

Design Specifications
- Max Flow Upto 48 m³/h (211 GPM)
- Max Head Upto 275 m (902 ft)
- Max Temperature 120˚ C (248˚ F)



1796CC Series Self Priming ANSI Close Coupled Pumps

Key Features
- Self Priming Close coupled compact Design
- Semi Open impeller
- Various sealing options T1, Cartridge seals, gland packed
- Various Flush plans options
- Available in various MOC such as CS, SS, CD4MCUN

Design Specifications
- Max Flow Upto 275 m³/h (1211 GPM)
- Max Head Upto 120 m (394 ft)
- Max Temperature 120˚ C (248˚ F)

Applications
- Water & Waste Water & Sea Water • Coal Pile Drainage • Oil & Gas • Chemical, Petro-Chemicals & Petroleum Transfer • HVAC • Hot Oil & Boiler Feed
- Condensate • Mining • Industrial Sump • Bilge Water Removal & Filter • Transfer Car Unloading • Column Bottoms & Reflux • Petro-Chemicals & Refineries
- Medical • Food, Chemical & High Pressure Process

CENTRIFUGAL PUMPS



RVI80 Series Vertical In-line Pumps

Design Specifications
- Max Flow Upto 100 m³/h (440 GPM)
- Max Head Upto 60 m (197 ft)
- Max Temperature 121˚ C (250˚ F)

Applications
- Pressure Boosting Systems • Apartment Building
- Industrial Process Systems • General Circulating Water Services • Heating and Air Conditioning



1600 Series Close-Coupled Centrifugal End Suction Pumps

Key Features
- NPT / BSP threaded connection
- Close Coupled
- Light duty
- Semi-open impeller

Design Specifications
- Max Flow Upto 59 m³/h (260 GPM)
- Max Head Upto 49 m (160 ft)
- Max Temperature 93˚ C (200˚ F)

Applications
- Deionized Water • DAF (Dissolved Air Flotation)
- General Pumping • Waste-Water Treatment
- Food, Beverages & Chemical Process



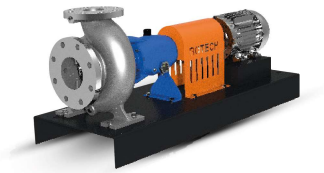
RHS Series Split Case Pumps

Rotech RHS Series pumps are Frame Mounted pumps available in various material of construction such as all iron, cast iron bronze fitted, all stainless steel construction.

Design Specifications
- Max Flow Upto 11600 m³/h (51073 GPM)
- Max Head Upto 200 m (656 ft)
- Max Temperature 105˚ C (221˚ F)

Applications
- Water & Waste Water • Irrigation & HVAC
- Condensate • Municipality • High Pressure Process
- Apartment Building • Effluent Treatment & Cooling Tower • Sea Water • Chillers
- Petro-Chemicals & Refineries • Pharmaceutical

CENTRIFUGAL PUMPS



RoChem Frame Mounted End Suction Pumps

Key Features
- Closed impeller, Premium Efficiency
- Various sealing options T1, Cartridge seals, gland packed
- Various Flush plans options
- Available in various MOC such as DI, CS, SS, CD4MCUN

Design Specifications
- Max Flow Upto 1450 m³/h (6384 GPM)
- Max Head Upto 230 m (754 ft)
- Max Temperature 400° C (752° F)

Applications
- Oil & Gas, Refineries, Chemical, petro-Chemical, Food & Beverage Industry • Power Plants, water & waste water, Paper-Pulp Industry • Sugar Industry



RoTherm Series, Hot Oil Pumps

Key Features
- Available in ANSI and DIN Flanges
- All Dimensions in Inch for North America
- Optional: Centerline Mounting
- Designed for hot fluid transfer

Design Specifications
- Max Flow Upto 1450 m³/h (6384 GPM)
- Max Head Upto 230 m (754 ft)
- Max Temperature 400° C (752° F)

Applications
- Oil & Gas, Refineries, Chemical, petro-Chemical, Food & Beverage Industry • Power Plants, water & waste water, Paper-Pulp Industry
- Sugar Industry



RoChemCC Close-Coupled Centrifugal End Suction Pumps

Key Features
- Close coupled Compact Design
- Closed impeller, Premium Efficiency
- Various sealing options T1, Cartridge seals, gland packed
- Various Flush plans options
- Available in various MOC such as DI, CS, SS, CD4MCUN

Design Specifications
- Max Flow Upto 450 m³/h (1981 GPM)
- Max Head Upto 100 m (328 ft)
- Max Temperature 150° C (302° F)

Applications
- Water & Waste Water • Irrigation & HVAC
- Condensate • Municipality • High Pressure Process
- Apartment Building • Effluent Treatment & Cooling Tower • Sea Water • Chillers
- Petro-Chemicals & Refineries • Pharmaceutical



RE500 Pedestal Mount Pump

Key Features
- Semi-Open Impeller for various applications
- Available in Close-Coupled with 56C Motor

- Sizes: 1"x1.5" and 1.5"x2" NPT
- Max Solid Size: 0.40"

Design Specifications
- Max Flow : 125 GPM
- Max Head: 125 FT TDH
- Max HP: 5 HP

Applications
- Oil & Gas, Refineries, Chemical, petro-Chemical, Food & Beverage Industry • Power Plants, water & waste water, Paper-Pulp Industry • Sugar Industry



RE100 Close-Coupled Pump

Key Features
- Close coupled Compact Design
- Closed impeller, Premium Efficiency
- Various sealing options T1, Cartridge seals, gland packed
- Various Flush plans options
- Available in various MOC such as DI, CS, SS, CD4MCUN

Design Specifications
- Max Flow Upto 55 m³/h (250 GPM)•
Max Head Upto 130 m (400 ft)
- Max Temperature 100° C (212° F)



SXT Self-Priming Trash Pumps

Key Features
- High Flow Low head
- Solid handling capability
- 2 vaned open impeller
- Self Priming

Design Specifications
- Max Flow Upto 1249 m³/h (5500 GPM)
- Max Head Upto 37 m (120 ft)

Applications
- Effluent Treatment & Cooling Tower • Water and Waste Treatment
- Municipality & City Water • Circulating water & Chillers • Sewage Lift Station
- Industrial Chemical Waste • Industrial Chemical Waste • Sugar Industries
- Petro-Chemicals • Refineries & Pharmaceutical



SXU Self-Priming Trash Pumps

Key Features
- High Head Pumps
- 5 vaned open impeller
- Self Priming

Design Specifications
- Max Flow Upto 295 m³/h (1300 GPM)
- Max Head Upto 61 m (200 ft)

Applications
- Effluent Treatment & Cooling Tower • Sewage Lift Station
- Water and Waste Treatment • Municipality & City Water
- Circulating Water & Chillers • Industrial Chemical Waste
- Industrial Chemical Waste • Sugar Industries • Petro-Chemicals
- Refineries & Pharmaceutical • Irrigation • HVAC & Apartment Building

HORIZONTAL SELF PRIMING CENTRIFUGAL PUMPS



SFP Series Self-Priming Centrifugal Pumps

Key Features
- Self Priming
- NPT Threaded Connections
- Available in CI, Bronze, Stainless and Duplex Stainless

Design Specifications
- Max Flow Upto **73 m³/h (320 GPM)**
- Max Head Upto 37 m (120 ft)

Applications
- Oil & Gas · Petro-Chemicals & Refineries · Boiler Feed · Condensate
- High Pressure Process · Column Reflux & Bottoms · Hot Oil · Sea Water



SCP Series Self-Priming Close Coupled Centrifugal Pumps

Key Features
- Self Priming
- NPT Threaded Connections
- Available in CI, Bronze, Stainless and Duplex Stainless

Design Specifications
- Max Flow Upto **73 m³/h (320 GPM)**
- Max Head Upto 37 m (120 ft)

Applications
- Water & Waste Water · Apartment Building & HVAC
- City Water & Municipality · Effluent Treatment · Circulating water & Chillers
- Petro-Chemicals · Sea Water · Refineries & Pharmaceutical · Condensate
- Industrial Chemical Waste & Sugar Industries

BALL CHECK VALVES



Model 3100

Key Features
- Horizontal / Vertical Mounting
- NPT / BSP Threaded
- Free floating Rubber Ball
- Easy in maintenance

Design Specifications
- Max Pressure Upto 10 bar (145 psi)
- Max Temperature 90° C (194° F)

Applications
- Water & Waste Water



Model 5100

Key Features
- Horizontal / Vertical mounting
- ASME B16.5 Flange
- Free Floating Ball
- Easy in Maintenance

Design Specifications
- Max Pressure Upto 10 bar (145 psi)
- Max Temperature 90° C (194° F)

Applications
- Water & Waste Water

ACCESSORIES



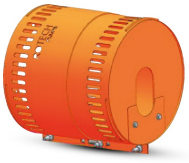
Bearing Isolator



Coupling



Base Frame



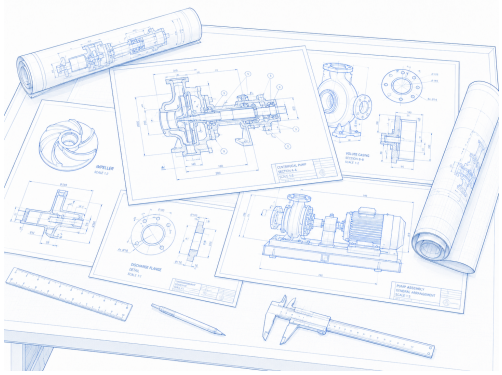
Coupling Guard



1. Elastomer Bellow Seals:
   - RS21 • RS1 • RS2 • RS60
   - RS60A • RS210 • RS157
2. Elastomer O-Ring Seat:
   - RS801 / 801T - RS8B2
   - RS260 / 261 - RS307
   - RS655 / 656 / 657 / 658
   - RS678 • RS683 / 684 • RS884
3. Metric Seals:
   - RS21 • RSMG1 & RSMG12
   - RS515 • RS5H2 • RS301
   - RS210 • RS43 • RS620
   - RM7ON / 74N
4. Cartridge Seal:
   - RSCS1 • RSS1CVD
   - RSCS1 BB • RSCS1WBC
   - RSCD2PR • RSHDS • RS908
5. PTFE Wedge Seals:
   - RS901 / 901T
6. PTFE Bellow Seals:
   - RS253 / 254 • RS2B
7. Balanced seals:
   - RS1B • RS675 / 677
   - RS642 / 647
8. OEM Replacement After market Seals:
   - Armstrong • B & G • APV
   - Flygt • Viking • Ampco
   - Alfa Laval • Blackmer • KSB
   - Grundfos • Peerless • Goulds
   - Rotojet • Hydrostal • Fristam

ENGINEERED SERVICES & OEM MANUFACTURING

Practical support from concept to supply.



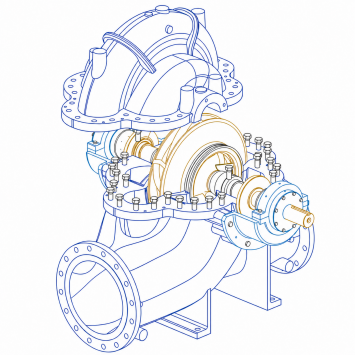
Rotech supports customers beyond standard pump supply. From engineered pump packages to replacement parts, casting development, reverse engineering, and OEM manufacturing, we provide practical technical support for pump and rotating equipment applications.

Our team works with distributors, end users, repair shops, and OEM partners to help reduce downtime, improve interchangeability, and support long term equipment reliability.

Re-Engineered Parts and Pumps

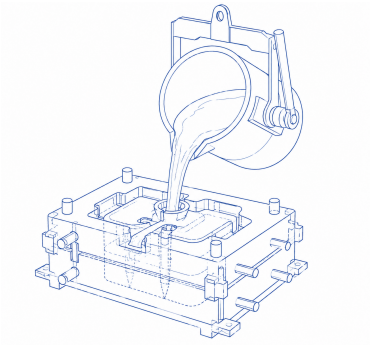
Mechanical Upgrades

Shaft redesign, rotor rigidity improvements, bearing upgrades, sleeve improvements, coupling review, and critical component changes to increase load capacity and reliability.



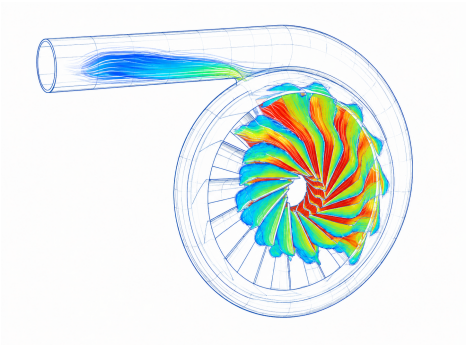
Material Upgrades

Base material changes, upgraded wetted metallurgy, coating options, corrosion resistant materials, and non metallic solutions for abrasive, corrosive, or dry run risk applications.



Hydraulic Upgrades

Hydraulic re-rates, impeller modifications, efficiency improvements, curve matching, and drop-in replacement designs that improve performance without major piping changes.



Casting Repair and Machining

Casting Services

Pattern development, pump casings, impellers, stuffing boxes, bearing housings, material upgrades, and casting support for OEM and replacement parts.

Machining Services

Shafts, sleeves, impeller trimming, bearing fits, wear components, adapters, custom modifications, and precision machining for pump and rotating equipment parts.

Pump and Rotating Equipment Repair

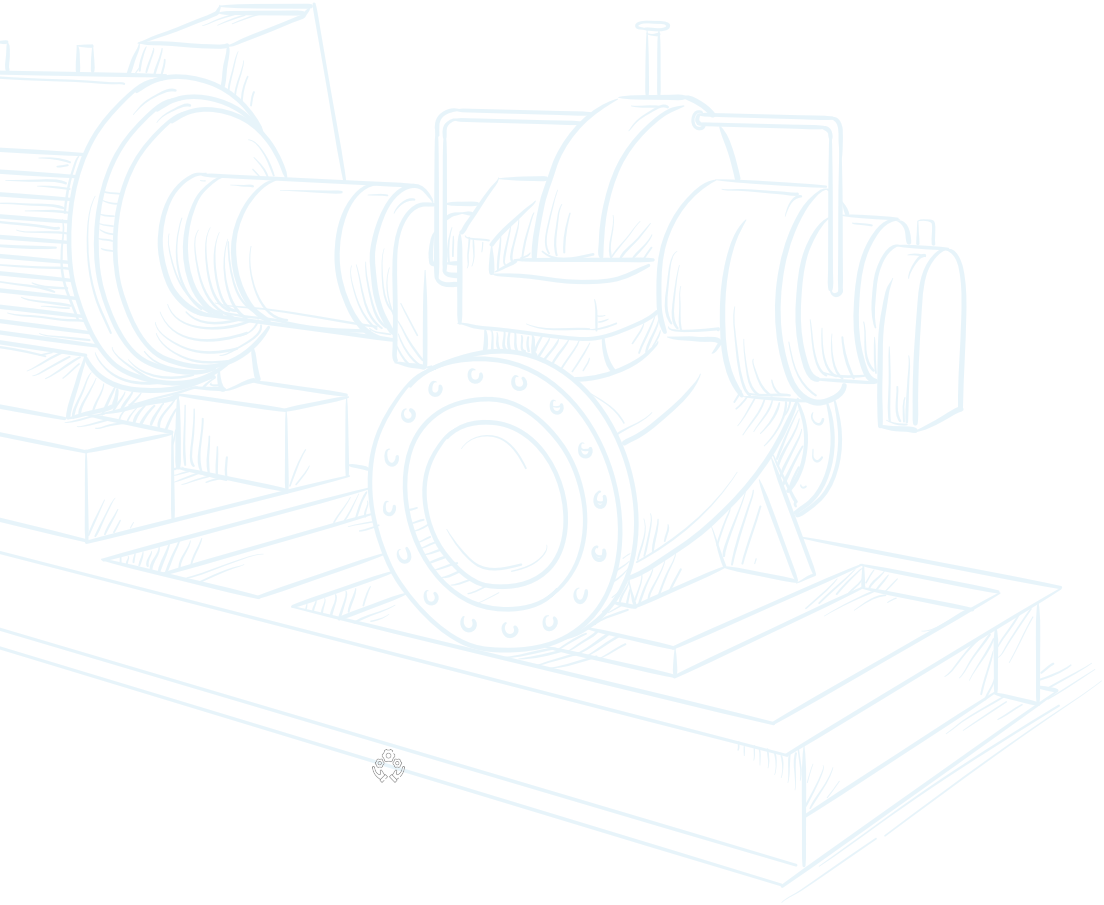
Inspection, teardown, failure review, bearing and seal replacement, component repair, rebuilds, reassembly, and testing support.

OEM and White Label Manufacturing

Pump ends, assembled pumps, private label supply, replacement parts, production support, and documentation for distributors, repair shops, and equipment manufacturers.

Hydraulic and Application Support

Pump selection, curve review, duty point checks, impeller trim review, material selection, seal plan support, and practical recommendations to improve reliability.



ROTECH

QUALITY | COMMITMENT | ADAPTABILITY

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