

**PRODUCT  
LINE CARD**



# ROTECH PUMPS

## DN Series Frame Mounted Centrifugal End Suction Pump

DN Series Pumps are Frame Mounted Pumps available in various Materials of construction.

### Applications:

- City water, Municipality
- Water & waste water
- Irrigation & HVAC
- Apartment Building
- Effluent Treatment & Cooling Tower
- Circulating water & Chillers
- Petrochemical & Refineries
- Pharmaceutical



## RCP Series Close-Coupled Centrifugal End Suction Pumps with NPT Threaded

RCP series Pumps are economical OEM pumps. Pumps are available in cast Iron Brass Fitted construction with enclosed impeller. The pumps close coupled with NEMA foot motor.

### Applications:

- City water, Municipality & Water & waste water
- Irrigation, HVAC & Apartment Building
- Effluent Treatment & Cooling Tower
- Circulating water & Chillers
- Petrochemical, Refineries & Pharmaceutical



## 1196 Series ANSI Self-Priming Pumps

1196 Series ANSI Self priming pumps are designed to provide self priming applications in Chemical Process and water & waste water industries. Rotech ANSI Self priming pumps offer interchangeability of parts with 1196 series of Pumps.

### Applications:

- Coal Pile Drains, Industrial Sump
- Milk Processing, Chemical & Petroleum Transfer
- Edge Waste Removal & Filter Systems
- Transfer Car Unloading
- Colman Bottoms & Rollers

## RVMS Series Vertical Multistage Centrifugal Pump

RVMS pumps are stainless steel vertical Multistage Pumps available in wide ranges and sizes. Pumps are supplied with 150P and 300M ANSI Flanges.

### Applications:

- High Rise Building
- Boiler System & HVAC
- Cooling Tower
- Boiler Feed
- Water Treatment Plant
- Irrigation Water



## SPT Self-Priming Trash Pumps Equivalent to GR-U Series Pumps

SPT series Pumps are self priming pumps with two vane spaced impeller designed for economical & trouble free operation in solid handling sewage & slurry.

### Applications:

- City water, Municipality
- Water and waste water & Sewage Lift Station
- Solid Handling application & HVAC
- Apartment Building, Circulating water & Chillers
- Effluent Treatment & Transfer Car Unloading
- Industrial Chemical Waste & Sugar Industries
- Petrochemical, Refineries & Pharmaceutical



## L100 Series Lobe Pumps

L100 series Lobe Pumps are designed to use for food, Beverage and pharmaceutical industries for their various products applications.



## RVT Series Vertical Turbine Pump

RVT series pumps are heavy duty rugged construction designed to operate in extreme conditions. The Discharge head is in fabricated construction.

### Applications:

- City water, Municipality
- Water & waste water
- Irrigation & HVAC
- Apartment Building
- Effluent Treatment & Cooling Tower
- Circulating water & Chillers
- Petrochemical, Refineries & Pharmaceutical



## RST Series Close-Coupled Centrifugal Pump (RST701)

Stainless steel end-suction pumps are excellent solution for industrial applications where both small and large volume of media needs to be transferred or circulated. They provide exceptional performance when pumping clean, slightly dirty or aggressive media.

These are just few examples of the many benefits these pumps can provide.



## DNJ Series Close-Coupled Centrifugal End Suction Pump

DNJ series Pumps are Close-Coupled Pumps available in various Materials of construction.

### Applications:

- City water, Municipality
- Water & waste water
- Irrigation & HVAC
- Apartment Building
- Effluent Treatment & Cooling Tower
- Circulating water & Chillers
- Petrochemical & Refineries
- Pharmaceutical



## 1196 LF Series ANSI Low Flow Pumps

The LF 1196 series Pump line is specifically designed to provide superior performance for low flow services of the chemical process industries.

### Applications:

- Corrosive Chemicals
- Boiler Feed
- Condensate
- High Pressure Process
- Colman Rollers & Colman Bottoms
- Hot Oil
- Sea Water



## 1296 Series ANSI Close Coupled Pumps

1296 Series ANSI Close Coupled Pumps are designed with standard NEMA/TEC electric motor. These pumps occupy less space as compared to frame mounted pumps as they do not use Base Frame, Coupling or Coupling Guard. Parts of ANSI Close Coupled Pumps are interchangeable with other series of pumps.



## 1196 Series ANSI Chemical Process Pump

Pumps are ANSI centrifugal End suction frame mounted Pumps, designed for pumping Corrosive fluid handling applications. The pumps are semi-open and designed for heavy duty application.

### Applications:

- Petrochemical & Refineries
- Pharmaceutical
- Paint
- Oil and Gas
- Hot Oil
- Ethanol Plant
- Food Plant
- Sugar Industries
- Effluent Treatment Plant
- Waste and water treatment Plant



## RV180 Series Vertical Inline Pumps

The Series RV180 is an efficient, heavy-duty, close-coupled pumps designed for horizontal and vertical inline mounting directly in pipeline.

### Applications:

- Heating & Air Conditioning
- Pressure Boosting Systems
- Apartment Building
- Industrial Process Systems
- General circulating water services



## SPT Self-Priming Trash Pumps Equivalent to GR-T Series Pumps

SPT series Pumps are self priming pumps with two vane spaced impeller designed for economical & trouble free operation in solid handling sewage & slurry.

### Applications:

- City water, Municipality
- Water & waste water, Sewage Lift Station
- Irrigation, HVAC & Apartment Building
- Effluent Treatment & Cooling Tower
- Circulating water & Chillers
- Industrial Chemical Waste & Sugar Industries
- Petrochemical, Refineries & Pharmaceutical



## S100 Series Sanitary Centrifugal Pumps

S100 series pumps sanitary centrifugal pumps are designed to use for food, Beverage & pharmaceutical industries for their various products applications.



## RHS Series Pump

RHS series Pumps are Frame Mounted Pumps available in various Materials of construction such as cast Iron, Cast Iron Brass Fitted, all stainless steel construction.

### Applications:

- City water, Municipality
- Water & waste water
- Irrigation & HVAC
- Apartment Building
- Effluent Treatment & Cooling Tower
- Circulating water & Chillers
- Petrochemical, Refineries & Pharmaceutical



# ROTECH SEALS

## RS21 Single Coil Spring Rubber Bellow Seal Equivalent to JC Type 21 or Flowsolve Type 31

Type RS21 mechanical seal is a common industry standard unbalanced seal, has single coil spring. It is generally used in centrifugal pumps, chiller, compressors and other pumping equipment.



## RS1 Single Coil Spring Rubber Bellow Seal Equivalent to JC Type 1

Type RS1 seal has wide range of application from water, steam to chemical. It is more effective than type 21 seal where delivery pressure is high. It is used in centrifugal pumps, chiller, compressors and other pumping equipment.



## RS2 Single Coil Spring Rubber Bellow Seal Equivalent to JC Type 2

Type RS2 seal is more specified by OEM from pump manufacturers. Type 2 seal fits with limited seal chamber depth and fits in minimum space. It is used in pumps, mixer, blenders, agitators, compressors, food processing, waste water, refrigeration & other chemical processing.



## RS430 Single Coil Spring Rubber bellow seal Equivalent to Seal of type 43

• Single Spring  
• Unbalanced  
It is similar to type 21 but stationary seal is with BN standard.  
It is generally used in centrifugal pumps, chiller, compressors & other pumping equipment.



## RS60 Single Coil Spring Rubber Bellow Seal Equivalent to JC Type 6, Pool Pump Seal

Type 60 is a low pressure, compact, unbalanced, single spring, elastomer bellows mechanical seal.

Designed for use in small centrifugal water pumps, deep & shallow well jet pumps, Pool & Spa pumps & waste water pumps.



## RS60A Single Coil Spring Rubber Bellow Seal Equivalent to JC Type 6, Pool Pump Seal

Full conical rubber bellows give maximum flexibility in compensating for shaft movement. Coil spring gives constant force loading. Seal face horizontal movement is restricted by anti-rotation, dust & groove. Pre-assembled for easy installation. Common to many commercial & domestic pumps.



## RS210 Rubber Bellow Seal Single Coil Spring Rubber Bellow Seal Equivalent to JC Type 2100

Type 210 seal has wide range of application from water, waste water, refrigeration, Vacuum, HVAC and pool/spa. The bellows design withstand high pressure of equipment. It is used in centrifugal pumps, chiller, compressors & other pumping equipment.



## RS801/801T Seal O-Ring Pusher Seal Equivalent to JC 8/8-1T

Type 801/801T Seal is O ring pusher, full spring type of seal, available in wide variety of elastomers for handling practically every industrial fluid.  
These seals are used in pumps, mixers, agitators and other fluid handling equipments.



## RS 901-901 T Seal Equivalent to JC 9/9-1T

- Single Unbalanced Seal
- Multiple Springs
- Bi-Directional



## RS607/608/609 Single Metal Bellow Component Seal Equivalent to JC Type 670/680/690

This type of seals are used for critical high temperature and corrosive applications. It is available in single or dual arrangement, both in cartridge type.



## RMG1/RMG12 Single Coil Spring Rubber Bellow Seal Equivalent to Burgmann Type MG1/MG12

- Unbalanced
- Independent of direction of rotation
- Elastomer Bellows



## RM7N Mechanical Seal Equivalent to Burgmann type M7N

The RM7N mechanical seal rings is designed for universal application and ideal suited for standardization. The inserted seal faces are easily interchangeable, permitting all combinations of materials and steel materialization.



## RH7N Mechanical Seal Equivalent to Burgmann type H7N

- Balanced
- Independent of direction of rotation single seal.



## RS 215 Seal

Type RS - 215 Seal is designed for high corrosion mediums of different concentrations, such as sulfuric acid, hydrochloric acid, phosphoric acid, nitric acid, etc.



## RS301 Single Coil Spring Rubber bellow seal Equivalent to type BT-AR

Mainly used for water, oil and other low corrosion liquids.



## RSSH2 Single unbalanced seal

- Unidirectional
- Conical Spring
- Equivalent to Rotex 3



## RS515 Seal Equivalent to BT-Burgmann FN, Roten3

Mainly used for water, oil & other low corrosion liquids.



## Equivalent to Godwin Pump Seal



## CS1 - Single Cartridge Seal for ANSI pumps



## CD1 - Dual Cartridge seal for ANSI pumps

- For critical, toxic and non-lubricating fluids
- Features multiple springs cartridge design
- Easy Cartridge installation
- Interchangeable components with CS1 single cartridge
- ANSI pump compatible
- Non-clogging in stuffing box.



## Type 80B Outside Seal replacement seals for Armstrong 4300 & B&G pumps 80-SC pumps

Lubricating liquids, aqueous solutions, chemicals & oil.



## Equivalent to Flygt Seal



## Equivalent to Grundfos Seal (RS1664)



## Equivalent to APV Seal



## Equivalent to Alfa Laval Seal



# ROTECH SEALS

Equivalent to Waukesha Pump Seal (RS781)



Equivalent to Waukesha Pump Seal



Equivalent to Rotajet Pump Seals



Equivalent to Gorman Rupp Trash Pump Seals



# ROTECH BALL CHECK VALVES



**3100 Series (NPT Threaded)**

3100 Series Ball check valves are supplied with NPT threaded end connections, ideally designed to prevent unwanted backward flow. The valves are supplied cast iron body epoxy coated and neoprene rubber ball.



**5100 Series (Flanged)**

5100 Series Ball check valves are supplied with flanged end connections, ideally designed to prevent unwanted backward flow. The valves are supplied cast iron body epoxy coated and neoprene rubber ball.



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