



## Product Line Card

**ROTECH**  
Pumps & Systems Inc





**DNJ Series  
Close-Coupled  
Centrifugal End  
Suction Pump**



**DN Series  
Frame Mounted  
Centrifugal End  
Suction Pump**



**RCP Series  
Close-Coupled  
Centrifugal End  
Suction Pumps with  
NPT threaded**



**RST Series  
Close Coupled  
Centrifugal  
RST701**



**RVMS Series  
Rotech Stainless  
Steel Vertical  
Multistage Pump**



**1196 Series ANSI  
Chemical  
Process Pump**



**SPT  
Self Priming  
Trash Pumps  
Equivalent to  
GR- T series Pumps**



**Rotech Pumps**

DNJ series Pumps are Frame Mounted Pumps available in various Materials of construction such as all Iron, Cast Iron Bronze fitted, all stainless steel construction.

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

DN series Pumps are Frame Mounted Pumps available in various Materials of construction such as all Iron, Cast Iron Bronze fitted, all stainless steel construction.

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

RCP series Pumps are economical OEM pumps. Pumps are available in cast Iron Bronze fitted construction with enclosed impeller. The pumps close coupled with NEMA face motor.

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

Pumps are Centrifugal end suction pumps, made of welded 304 stainless steel pump parts, close coupled with NEMA motors.

- Hot water
- Petrochemical
- Refineries
- Water & waste water
- Irrigation
- HVAC,
- Circulating water , Chillers
- Pharmaceuticals

RVMS pumps are stainless steel vertical Multistage Pumps available in wide ranges and size. Pumps are supplied with 150# and 300# ANSI flanges.

- City water, Municipality
- Booster pump application
- Boiler Feed
- Water & waste water
- Irrigation
- HVAC
- Apartment Building
- Effluent Treatment
- Circulating water , Chillers
- Pharmaceutical
- Petrochemical

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

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

SPT series Pumps are self priming pumps with two vanes opened impeller designed for economical & trouble free operation in solid handling sewage and slurries.

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



**SPU  
Self Priming  
Trash Pumps  
Equivalent to  
GR- U series Pumps**



**RVT series Vertical  
Turbine Pump**



**RVI80 Series  
Pump**



**RVS Series**



**RH100 Series**



**RHS Series**



**RSP Series  
Self-Priming  
Centrifugal Pump**



**Rotech Pumps**

SPU series Pumps are self priming pumps with two vanes opened impeller designed for economical & trouble free operation in solid handling sewage and slurries.

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

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

**Capacities:**  
40 to 40,000 GPM  
**Heads:** 10 to 2,000 feet

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

The Series RVI80 is an efficient, heavy-duty, close coupled pumps designed for horizontal and vertical in-line mounting directly in pipeline.

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

Are vertical Sump Pumps or cantilever type of pumps, hang on tank cover plate or stand alone.

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

RH100 series Pumps are designed for pumping solid slurry, Sewage, sludge and high viscous liquids. The pumps are horizontally mounted and back pullout design.

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

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

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

RSP series Pumps are designed for pumping solid slurry, Sewage, sludge and high viscous liquids. The pumps are horizontally mounted and back pullout design.

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



**RS21**  
Single Coil Spring  
Rubber bellow seal  
Equivalent to  
JC type 21 OR  
Flow serve type 31



**RS1**  
Single Coil Spring  
Rubber bellow seal  
Equivalent to JC 1



**RS2**  
Single Coil Spring  
Rubber bellow seal  
Equivalent to  
JC type 2



**RS60**  
Single Coil Spring  
Rubber bellow seal  
Equivalent to  
JC type 6,  
pool pump seal



**RS60A**  
Single Coil Spring  
Rubber bellow seal  
Equivalent to JC  
Type 6A,  
pool pump seal



**RS210**  
Rubber Bellow Seal  
Single Coil Spring  
Rubber bellow seal  
Equivalent to  
JC type 2100



**RS430**  
Single Coil Spring  
Rubber bellow seal  
Equivalent to  
Sealol type 43

**ROTECH**

**Rotech Seals**

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.

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.

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

Type 60 is a Low pressure, compact, unitized, single spring, elastomer bellows mechanical seal.

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

Type 60A is a compact, unitized, single spring, elastomer bellows mechanical seal.

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

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

- Single Spring
  - Unbalanced
- It is similar to type 21 but stationary seat is with DIN standard.
- It is generally used in centrifugal pumps, chiller, compressors and other pumping equipment.



**RMG1/RMG12**  
Single Coil Spring  
Rubber bellow seal  
Equivalent to  
Burgmann type  
MG1/MG12



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



**RS607/608/609**  
Single Metal bellow  
Component seal  
Equivalent to JC  
type 670/680/690



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



**RM7N**  
Mechanical Seal  
Equivalent to  
Burgmann  
Type M7N



**RH7N**  
Mechanical Seal  
Equivalent to  
Burgmann  
Type H7N



**RS5H2 Single  
Unbalanced Seal**

**ROTECH**

**Rotech Seals**

- Unbalanced
- Independent of direction of rotation
- Elastomer bellows

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

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

Type 801/801T Seals are O ring pusher, Multisprings type of seals, 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.

The RM7N mechanical seal range is designed for universal application and ideal suited for standardization. The inserted seal faces are easily exchanges, permitting all combinations of materials and stock rationalization.

- Balanced
- Independent of direction of rotation single seal

- Unidirectional
- Conical spring
- Equivalent to ROTEN 3





**RS515 Seal**



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



**RS215 Seal**



**Type 80B Outside  
Seal Replacement  
seals for  
Armstrong 4300 &  
B & G pumps  
80 -SC Pumps**



**CS1 - Single  
Cartridge Seal  
For ANSI pumps**



**CD1 - Dual  
Cartridge Seal  
for ANSI pumps**

## ROTECH

## Rotech Seals

Mostly Used for water, oil and other low corrosion liquids.

- Single Unbalanced Seal
- Unidirectional
- Conical Spring
- Equivalent to BT-Burgmann FN, Roten 3

- Single Unbalanced Seal
- Multiple Springs
- Bi Directional
- Equivalent to John Crane Type 9T

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

General Industrial applications including process industries, food processing, mixers, agitators, oil & refineries, marine, pharmaceuticals, petrochemical, pulp & paper, power generation, waste water, water desalination.

Lubricating Liquids, aqueous solutions, chemicals & acid.

- Easy cartridge installation
- Stationary multiple springs design
- Spring isolated from product
- Rugged face design
- Identical seal face shapes make repairs easy and Economical
- ANSI pump compatible
- Hydraulically balanced design

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



**3100 Series  
( NPT Threaded )**



**5100 Series  
( Flanged )**

## ROTECH

## Rotech Ball Check Valves

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

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



"A Trusted Partner in Pump Solutions"

Website : [www.rotechpumps.com](http://www.rotechpumps.com)

### Rotech Pumps & Systems Inc.

1320 Britannia Road East,  
Mississauga, Ontario,  
Canada. L4W 1C8

Ph No : (905) 461-9617

Fax : (905) 461-9618

Toll Free : 1 866 217 PUMP (7867)

Email : [sales@rotechpumps.com](mailto:sales@rotechpumps.com)