

Foccus

Provide our customers with access to the specific range of products and technical support.

We have been supplying industrial equipment, spare parts, replacement parts, and service to many customers in a variety of industries for over 10 years.

Take a look over our valves catalog and products we distribute. Pricing and Delivery is available upon email request.

sales@barcorinc.com
+1 (210) 607 70 53

Valves

Barcor, Inc offers a complete line of manual, automated, valves for almost every application available in the industry. Petrochemical and refining, Power, Pulp and Paper, water treatment industry.



Flow Meters

We offer A broadest flow control and measurement portfolios in the industry

Control

Barcor, Inc has valves, controls and sensors that meet the needs of customers on both performance and price.

Our Time Line

2008

Barcor Inc was founded as a small family owned business that supplies industrial technologies for the local oil and gas industry in Texas.

2012

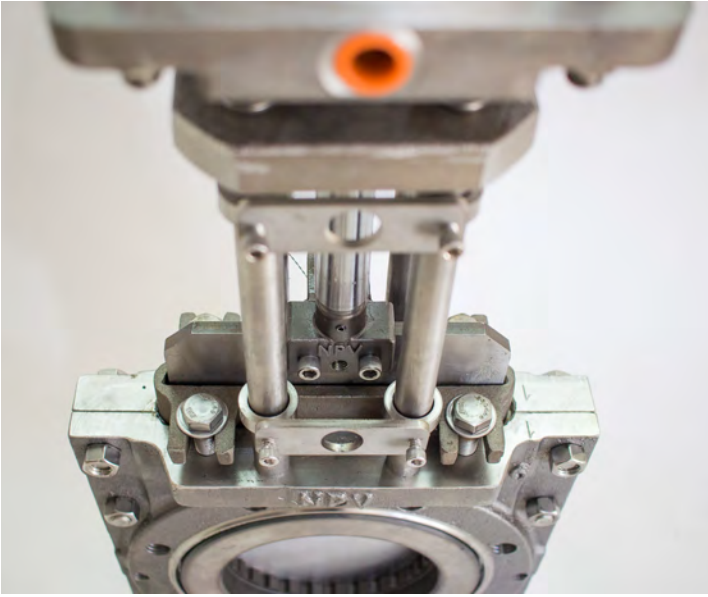
We expand business with Latin America providing them with products and technologies for a vast range of industries as the mining, water and waste water, pulp and paper and local factories.

2016

For our good fortune we started making business with Dufrene and Company, LLC who is the exclusive distributor for North Port Valves.

2019

We are currently in expansion strengthening our distribution network around America. We are in continuous search for new technologies for our customers.



Industry's choice for service & quality

North Port Valves has been in business for over 20 years and is located in the Golden Horseshoe area in Ontario Canada. It is a family owned business that focuses on quality and workmanship.

We offer several different styles of Knife Gate Valves that work in many different applications as well as being able to do custom work due to our in house manufacturing.

We also manufacture our own line of pneumatic cylinders specifically designed to fit our valves.



Your Reliable Industrial Partner

Barcor, Inc is a proud major distributor for texas and Latin America of the North Port Valve products.

We can provide with valves, controls and sensors that meet the needs of customers on both performance and price.

We serve a wide range of clients in oil and gas, mining, power and pulp and paper industry.

100 SERIES

UNIDIRECTIONAL VALVES

- 1. NPV Unidirectional valve design provides for full guiding of gate throughout the cycle which prevents any gate distortion even in the event of a back
- 2. Full guiding of the gate within the valve casting eliminates excessive gate movement, extending the cycle life of the packing gland
- 3. Unidirectional valve with metal to metal seats meets Class 3 shutoff in liquid service in preferred direction
- 4. Unidirectional valve with elastomer seats meets bubble-tight shutoff requirements in liquid service in preferred direction
- 5. All NPV valves are provided standard with stainless steel lockout, both manual and cylinder operated
- 6. NPV Cylinders can be mounted at time of manufacture, or by design easily retrofitted in the field
- 7. Valve is manufactured of Stainless Steel components that prevent damage from corrosion, both internal and external
- 8. Unidirectional valves available from 2" - 48" diameter, both metal and elastomer seated.



Industries

Animal Food Processing, Mining, Power, Pulp & Paper, Water & Waste Water

Applications

Low Density Stock, Moderate Slurries, Water Applications with Elastomer Seal



150 SERIES

UNIDIRECTIONAL VALVES



1. NPV Unidirectional valve design provides for full guiding of gate throughout the cycle which prevents any gate distortion even in the event of a back pressure
2. Full guiding of the gate within the valve casting eliminates excessive gate movement, extending the cycle life of the packing gland
3. Unidirectional valve with metal to metal seats meets Class 3 shutoff in liquid service in preferred direction
4. Unidirectional valve with elastomer seats meets bubble-tight shutoff requirements in liquid service in preferred direction
5. All NPV valves are provided standard with stainless steel lockout, both manual and cylinder operated
6. NPV Cylinders can be mounted at time of manufacture, or by design easily retrofitted in the field
7. Valve is manufactured of Stainless Steel components that prevent damage from corrosion, both internal and external
8. Full flanged Unidirectional valves are available from 18" -48" diameter, metal and elastomer seated. Larger diameters available upon request

Industries

Power, Pulp & Paper, Water & Waste Water

Applications

Heavy Pulp Stock for Isolation on Stock Storage Towers, Low Density Stock, Moderate Slurries, Water Applications with Elastomer Seal



200 SERIES

BIDIRECTIONAL VALVES



1. Perimeter seating guarantees bi-directional bubble tight shutoff
2. Elastomer seat is mechanically retained between body halves preventing movement or separation from the body, unlike standard o-ring seated valves
3. Full port cavity free body design prevents de-watering of pulp stock and is ideal in slurries, powders, plastics and other solids handling applications
4. Precision machined body halves serve as scrapper blades, which extend the life of the packing system
5. Two-piece body design simplifies repair/replacement of gate, packing, seat ring and topworks assembly
6. Non-rise stem design eliminates potential safety hazard caused by rising stem valves and performs better in high vibration areas
7. All NPV/DUCO Valve body castings are of 317SS (CG8M)
8. All external valve components-stanchions, bolting, bridge, stem, clevis, packing follower- are stainless steel construction which eliminates external corrosion
9. Precision machining of the stuffing box with the live-loaded packing in conjunction with an additional Viton

Industries

Animal Food Processing, Cement, Mining, Plastics, Power, Pulp & Paper, Water & Waste Water

Applications

All Pulp Stock Applications, Cement powder and Waste Treatment Slurries, Lime Slurry, Fly Ash, Powders, Solids, Cement Powder and Waste Treatment Slurries, Refined Black Liquor, Black Liquor & Stock, Refiners for Paper Machines



250 SERIES

DUCO BIDIRECTIONAL PERIMETER SEATED VALVE WITH CONE DEFLECTOR



1. Perimeter seating guarantees bi-directional bubble tight shutoff. Cavity free body design prevents de-watering of pulp stock and is ideal in slurries, powders, plastics and other solids handling applications
2. Addition of Cone Deflector protects and extends the integrity of the perimeter seat in heavy solids, slurries and abrasive applications
3. Elastomer seat is mechanically retained between body halves preventing movement or separation from the body, unlike standard o-ring seated valves
4. Precision machined body halves serve as scrapper blades, which clean the gate and extend the life of the packing system
5. Two-piece body design simplifies repair/replacement of gate, packing, seat ring and topworks assembly
6. All NPV/DUCO Valve body castings are of 31 ?SS (CG8M). Cone deflectors are available in 31 ?SS, 400SS heat treated and hardened, and polyurethane
7. All external valve components- stanchions, bolting, bridge, stem, clevis, packing follower-are stainless steel construction which eliminates external corrosion
8. Precision machining of the stuffing box with the live-loaded packing in conjunction with an additional Viton O-ring provides for a very dependable and adjustable packing system
9. Two piece body design allows for option to use the standard perimeter seat or replaceable cartridge seats depending on requirements of application

Industries

Animal Food Processing, Cement, Mining, Plastics, Power, Pulp & Paper, Water & Waste Water

Applications

Cement powder and Waste Treatment Slurries, Pellets and Granules, Plastic Chips, Slurries with Heavy Solids Such as Lime Slurry, Lime Mud, Animal Rendering Plant Waste and Raw Sewage, Wet and Dry Ash



300 SERIES

DUGO SCAVENGER VALVE RECYCLE MILL-HEAVY TRASH APPLICATIONS



1. DUGO Scavenger design removes cavities/pockets thus eliminating problems caused from accumulation of solids that can prevent proper cycling of valve
2. Hardened gate, hardened seat cartridge, and hardened back up guide prolong life of valves in heavy solid and heavy trash applications
3. Hardened serrated ring and hardened beveled gate allow valve to shear heavy solids and still achieve effective metal to metal sealing
4. Hardened seat ring and hardened gate guide also serve as scrapers to prevent solids from being dragged into packing area when valve is cycled
5. Two-piece body design and use of replaceable wear components allow valves to be fully repaired by factory to like new condition, making DUGO valves very cost effective. Repair cost is 50-60% of the current list price of the valve
6. All DUGO Scavenger valves are supplied with NPV high cycle pneumatic cylinder, limit switch brackets, and stainless steel cylinder lockout
7. Gates are chrome plated to reduce friction on packing, reducing valve torque and extending packing life
8. DUGO Scavenger Valve available in sizes 3" – 30"

Industries

Animal Food Processing, Pulp & Paper

Applications

Knotter Rejects in Pulp Mills, Pulper, Detrasher, Hydropure, Cotaminex, ect, Sand Cleaner on Paper Machines



350 SERIES

HD/MD REJECT CHAMBER VALVE ROUND BY ROUND FLANGED



1. The NPV HD/MD Reject Chamber Valve is designed specifically to handle the wire, staples, glass and sand typically found in recycle paper mill reject systems

2. Cavity free, precision machined, special body casting prevents accumulation of solids and trash which would prohibit the valve from activating the open/close limit switch sensors

3. Gate, seat cartridge and gate guide are 400SS heat treated and hardened, which extends the life cycle of the valve

4. Valve design allows for complete factory rebuild to like new condition at 50%-60% of the current list price

5. Gates are chrome plated to reduce friction and valve torque extending the life of the packing

6. All NPV/DUCO valves are supplied with NPV high cycle pneumatic cylinder, limit switch brackets and stainless steel cylinder lockout

7. HD/MD Reject Chamber Round by Round Flanged Valve is available in sizes 6" , 8" , 10" & 12"

Industries

Pulp & Paper



Applications

HD/MD Reject Chamber Valves in Recycle Mills



375 SERIES

HD/MD REJECT CHAMBER VALVE ROUND BY SQUARE FLANGED



1. The NPV HD/MD Reject Chamber Valve is designed specifically to handle the wire, staples, glass and sand typically found in recycle paper mill reject systems
2. Cavity free, precision machined, special body casting prevents accumulation of solids and trash which would prohibit the valve from activating the open/close limit switch sensors
3. Gate, seat cartridge and gate guide are 400SS heat treated and hardened, which extends the life cycle of the valve
4. Valve design allows for complete factory rebuild to like new condition at 50%-60% of the current list price
5. Gates are chrome plated to reduce friction and valve torque extending the life of the packing
6. All NPV/DUCO valves are supplied with NPV high cycle pneumatic cylinder, limit switch brackets and stainless steel cylinder lockout
7. HD/MD Reject Chamber Round by Square Flanged Valve is available in sizes 6" , 8" & 10"

Industries

Pulp & Paper



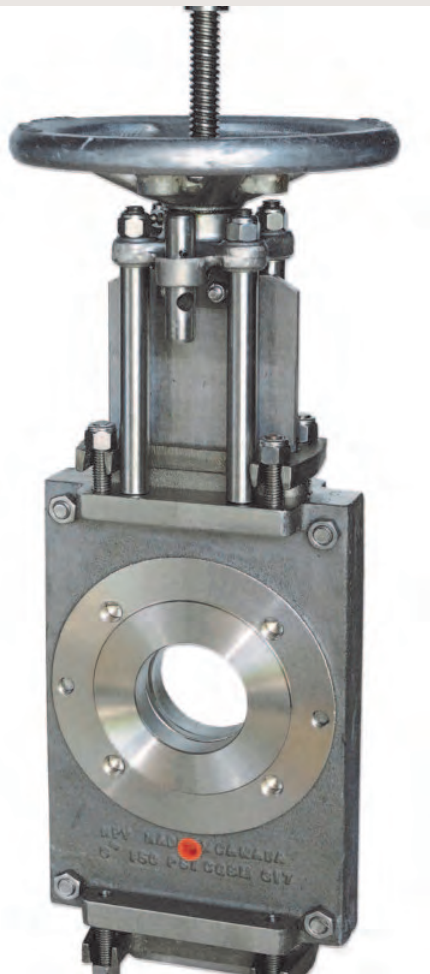
Applications

HD/MD Reject Chamber Valves in Recycle Mills



400 SERIES

O-PORT THRU GATE VALVE FOR HEAVY SLURRY AND SCALING APPLICATIONS



1. NPV O-Port design is generally used in heavy slurry and scaling applications
2. Special Electro Polished gate with machine beveled edge is standard in severe services such as phosphoric acid, green liquor and white liquor applications
3. Precision machining of body halves and close tolerances to gate eliminates solids build up between components ensuring proper cycling
4. Elastomer seated design eliminates pressure on packing in fully open and fully closed positions extending packing life
5. Equipped with hardened gate and cartridge seats, O-Port can be used in large scavenger applications for recycle pulper applications
6. Positive shutoff bidirectional valve in heavy stock applications eliminates dewatering
7. All components – stanchions, bolting, bridge, stem, packing follower – of stainless steel construction which eliminates external corrosion
8. Stainless Steel lockout bar on every valve for quick and efficient lockout
9. Due to torque requirements of O-Port design, use of gear operator or NPV pneumatic cylinder is recommended above 12" NPV O-Port available in sizes 3" – 30"

Industries

Pulp & Paper

Applications

All Pulp Stock Applications, Black Liquor and Pulp Stock, Concentrated Black Liquor with Extremely Heavy Solids, Concentrated Black Liquor, Solids up to 85%, For Severe Scaling Applications: Phosphoric Acid, Green Liquor, and White Liquor, High Density Pulp Stock Isolation

600 SERIES

NPV SERIES 600 PNEUMATIC AIR CYLINDER



1. All cylinders manufactured by NPV mount directly to our valves eliminating need for an adapter plate. All gates are machined to adapt to manual or automated operation
2. Cylinder barrels are manufactured of a lightweight, high-strength, corrosion-resistant composite material, designed specifically for adverse environments
3. All cylinder operated valves supplied with Stainless Steel lockout bar and limit switch brackets
4. Piston seal is an elastomer quad seal providing longer life and positive seal compared to a standard a-ring seal
5. Cylinder stem seal is a U-cup design protected by a scraper for longer life and positive sealing
6. Length of lower cylinder bridge serves as guide for stem, reducing any side torque and extending seal life
7. When used on high cycle scavenger valves, extra precaution is taken to prevent stem and clevis coming apart by threading and pinning the connection
8. Cylinders are easily field repairable by replacing complete soft goods kit which includes a-rings, quad seal, wiper and u-cup
9. NPV Valves are designed to accept a new cylinder or convert manual valve to automated operation in line but but under ZERO line pressure
10. Due to light weight construction of all NPV cylinders and the strength of 4-post topworks, most installations do not require additional support

Industries

Animal Food Processing, Mining, Power, Pulp & Paper, Water & Waste Water

Applications

Low Density Stock, Moderate Slurries, Water Applications with Elastomer Seal

More Instrumentation

We Quote!

Take a look over our valves catalog and products we distribute. Pricing and Delivery is available upon email request.

Instrumentation such as pressure, temperature, level, flow, gas analysis



ROSEMOUNT

Turbine flow meters petrochemical, semiconductor and process industries



Blancett
Flow Meters

World class instrumentation for the industrial marketplace.



BELLOFRAM
Precision Controls

Process monitoring, sequence control, data logging and alarms



WEST
Control Solutions

Dynisco's diverse portfolio of sensing and polymer test equipment



Dynisco
Instruments

Condition monitoring, Rotatory Encoders and resolvers



DYNAPAR

Gate, Globe, Butterfly, Ball valves, Actuators



MILWAUKEE VALVE

High temperature gas heating, reboilers, superheated steam and super-critical water processing.



CHROMALOX
Advanced Thermal Technologies

Flow measurement and control products for water, oil, gas, and other fluids.



Badger Meter

We Quote!

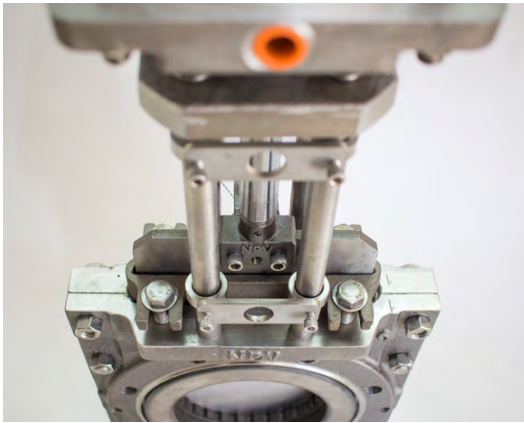
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BARCOR INC.

Barcor, Inc offers rugged, reliable, and accurate liquid flow measuring and monitoring products for a wide range of applications including: oil and gas, chemical processing, mining food and beverage, heating and air conditioning, water treatment, municipal water processing, and many more.

Contact



Technical support.

We provide our clients with problem-solving solutions for each and every application

Contact

Email:

sales@barcor.us

Phone: +1 210 607 70 53

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We offer a complete line of manual, automated, valves for almost every application available in the industry. Petrochemical and refining, Power, Pulp and Paper, water treatment industry.

We deliver precise solutions for your industrial process. Our trained team and our network of factory experts bring years of experience to build you the most superior and reliable Service.



Shipping Globally Connected.

Barcor, Inc provide logistic and transportation. We deliver world-class service to our clients.



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