



**SPRAYING
PUMPING
FILTERING
AND VALVES**

PUMPING FILTERING SPRAYING VALVES SYSTEMS



PROUDLY SERVING CANADIAN INDUSTRY FOR OVER 80 YEARS
EST. 1938

OUR PRODUCTS

For over 80 years, John Brooks has been the supplier of choice for innovative engineered products to vital Canadian markets. As a full service national supplier of pumps, filtration equipment, spray nozzles and Engineered Systems, we have now added valves to our portfolio of specialized products. If you are looking for something specific and you don't see it here call us at **1-877-624-5757** and our technical sales staff will be happy to assist you.

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CENTRIFUGAL

SELF PRIMING / SOLIDS HANDLING



Ease of Maintenance

- Flows to 6000 gpm; Heads to 300 feet
- Clean liquids or solids handling up to 3" diameter
- Reduces confined space entry concerns
- Ease of equipment monitoring, reduces unplanned maintenance occurrences
- Oil lubricated mechanical seals for long life
- Sump dewatering, lift stations, industrial waste transfer

SOLIDS HANDLING



Stock & Industrial Waste Transfer Pumps

- Flows to 7800 gpm, Heads to 350 feet
- Semi-Open impellers to allow easier passage of solids
- External impeller clearance adjustment
- Mechanical seal options to suit specific product characteristics including paper stock
- Oil lubricated bearings with labyrinth oil seals
- Parts interchangeable with other key OEM brands

SUBMERSIBLE



Installation in Sumps, Pits and Lift Stations

- Flows to 3100 gpm; Heads to 190 feet
- Clean liquids or solids handling up to 3" diameter
- NEMA premium efficiency motors
- Enclosed & vortex impellers
- Oil lubricated mechanical seals
- Externally adjustable face clearances maintains pumping efficiency

PRIMING ASSISTED



Standby & Emergency Pumping

- Flows to 12000 gpm; Heads to 475 feet
- Clean liquids or solids handling up to 3" diameter
- Dry running capability
- Oil lubricated mechanical seals
- Packaged engine or electric drives
- Diesel, gas, propane engines
- Vacuum assisted venturi & self-priming designs

ANSI PROCESS



Process Pumps for Industry

- Flows to 6000 gpm; Heads to 730 feet
- D.I., 316SS, CD4MCU, Alloy 20, Hastelloy C, Kynar
- Single, double or tandem mechanical seals
- Parts interchangeable with other key OEM brands
- Semi-open, reverse vane, radial vane & vortex impellers
- Standard oil lubricated bearings, labyrinth seals
- Cooling jackets for high temperature applications

MAG DRIVE SEALLESS



Reduces Expensive Chemical Spills

- Flows to 1500 gpm; Heads to 500 feet
- Double weld magnet assembly, hermetically sealed
- Stainless Steel or Ductile Iron casings with ETFA or PDA bonded liners
- Temperatures to 250° F
- ANSI B73.1 dimensions
- High strength neodymium iron boron magnets



CENTRIFUGAL

GENERAL PURPOSE



Water Transfer & Boiler Feed

- Flows to 5000 gpm, Heads to 800 feet
- Cast Iron, 304SS, 316SS & 316L
- Water Booster Systems, Duplex & Triplex
- Close-Coupled & Base Mounted arrangements
- Multistage, Vertical & Horizontal configurations

SPLIT CASE & VERTICAL TURBINE



Industrial & Potable Water Pumps

- Flows to 100,000 gpm, Heads to 1100 feet
- Cast Iron, Ductile Iron & Bronze Fitted construction
- Multiple mechanical seal options
- Double Volute available for higher volumes
- Designed for high efficient circulation, transfer, high & low lift stations, booster systems

API 610 & 685



Heavy Duty Process Pumps

- Flows to 61,640 gpm, Heads to 7220 feet
- Process mechanical seal configurations
- Available designs include:
 - End suction - center-line mounted, double suction
 - Top Suction - top discharge
 - Ring section multistage
 - Vertical in-line
 - Mag Drive API 685

SUB-ANSI PROCESS



Cost Effective, Lighter Industrial Duty

- Flows to 1100 gpm, Heads to 300 feet
- Non-Metallic, 316SS, Cast Iron, Bronze, Hastelloy C
- Multiple mechanical seal options
- Close & long coupled
- Metallic mag drive

DISC PUMPS



Hard to Pump Applications

- Flows to 8000 gpm, Heads to 1200 feet
- Innovative Disc Pump Technology
- Handles high solids loading, abrasive and air entrained liquids with minimum wear
- Viscosities in excess of 10,000 cps
- Minimizes product degradation
- Cuts maintenance & downtime

CHOPPER PUMPS



Chops Incoming Solids Prior to Pumping - Protects the pump from Clogging

- Flows over 13,000 gallons per minute
- Hydraulic efficiencies over 70%
- Heat-treated and hardened components
- Non-Clogging Guarantee on all Chopper Pumps

POSITIVE DISPLACEMENT

ROTARY GEAR & HD PROCESS

PULSAFEEDER
ENGINEERED PRODUCTS

TUTHILL
Pump Group



Industrial & Process Chemical Transfer & Metering

- Flows to 650 gpm, Pressures to 500 psi
- Dimensionally interchangeable with other key OEM Brands
- Viscosities to 1,000,000 cPs
- Cast Iron, Ductile Iron, 316SS
- Oversized shaft, back pull-out design
- Sealless mag drive option



HIGH PRESSURE DIAPHRAGM

Hydra Cell
Seal-less Pumps



High Pressure Wash, Injection & Transfer

- Flows to 45 gpm, Pressures to 5000 psi
- Designed to handle abrasive fines with negligible wear
- Handles corrosive, non-lubricating liquids & slurries
- Metallic & non-metallic wetted components
- Runs dry without damage
- Less pulsation than competitive technologies



AIR-OPERATED DOUBLE DIAPHRAGM

WILDEN SANDPIPER
GRACO



Industrial & Process Transfer

- Flows to 360 gpm, Duplex Pressures to 250 psi
- Handles up to 3" solids and a wide range of viscosities
- Material options for compatibility with most chemicals
- Ball & flap valve design
- ATEX Certified and CSA Approved natural gas driven pumps available



HIGH FLOW - HIGH PRESSURE DIAPHRAGM

Hydra Cell
Seal-less Pumps



High Pressure Wash, Injection & Transfer

- Flows to 157gpm, Pressures to 5000 psi
- Designed to handle abrasive fines with negligible wear
- Handles corrosive, non-lubricating liquids & slurries
- Metallic & non-metallic wetted components
- Runs dry without damage
- Less pulsation than competitive technologies



ALLOY PROCESS GEAR

PULSAFEEDER
ENGINEERED PRODUCTS

TUTHILL
Pump Group



OEM & Industrial Transfer & Metering

- Flows to 84 gpm, Pressures to 200 psi
- Multiple mechanical seal options including double & tandem
- Temperatures to 450° F
- 316, Alloy 20, Hastelloy C, PEEK
- Magnetic drive versions available



AIR-OPERATED DRUM

GRACO



Transfer of High Viscosity Products

- Flows to 17.4 gpm, Pressures to 4750 psi
- Priming piston design for uniform & easily-controlled delivery
- Viscosities to 1,000,000 cPs
- Evacuates pails, totes, drums & bins with ease
- Long-life packing design & low maintenance
- Inherently explosion proof



POSITIVE DISPLACEMENT

METERING



Reciprocating Diaphragm Metering & Dosing

- Feedrates up to 16,380 gph; Pressures to 4365 psi
- Hydraulic, mechanical & electro-mechanical actuation
- API 675 compliant metering pumps available
- Manual & electronic stroke control
- PVC, Kynar, Cast Iron & 316SS & Alloy liquid ends
- Customized packaged systems & skids



HIGH PRESSURE PISTON



High Pressure Wash, Deburring & Injection

- Flows to 236 gpm; Pressures to 21,755 psi
- High pressure positive displacement triplex plunger pumps
- Solid Ceramic or Tungsten-Carbide plungers
- Nickel Plated 420 Stainless Steel, or Nickel Plated Spheroidal Cast Iron pump heads
- Babbitt bushings on drive train components
- Self-lubricated leak free packing design

SANITARY AIR-OPERATED



Liquid Transfer for Sanitary Applications

- Flows to 230 gpm; Pressures to 125 psi
- Ease of speed control to minimize product degradation
- Handles solids up to 2.5 inches (6.3 cm) in diameter
- Transfer product from totes, bins & drums
- Viscosities up to 20,000 cPs
- Inherently explosion proof
- 3A, FDA Approved & FDA Compliant models



ROTARY GEAR



OEM & Lower Viscosity Applications

- Flows to 85 gpm; Pressure to 500 psi
- Internal gear pump design
- Close-Coupled & Long-Coupled arrangements
- Viscosities up to 5000 cPs
- Sealless magnetic drive option



PERISTALTIC HOSE



Transfer & Metering of Sensitive Liquids

- Flows to 200 gpm; Pressures to 100 psi
- Handles shear sensitive and challenging substances
- Complete isolation of pumped fluid
- Self-Priming, dry running and reversible flow
- Application-specific hose options



PROGRESSIVE CAVITY



Sludges, Viscous & Solids Entrained Liquids

- Flows to 875 gpm; Pressures to 450 psi
- Viscosities to 1,000,000 cPs
- Heavy-duty auger option for solids laden applications
- Pulsation-Free with minimum shearing
- Stainless Steel, chrome-plated rotors
- Buna/Viton/EPDM/Rubber Stators



MISCELLANEOUS PUMPS

JB BASE-MOUNTED PUMPSETS



Based Mounted Pumpsets

- Custom assemblies with pumps, filters, control panel & valves
- Vertical, horizontal, direct, pump over motor, motor over pump and close coupled arrangements
- Custom fabricated bases, API and heavy-duty bases and standard channel bases
- Quick turnaround to suit your schedule

JB SUBMERSIBLE STATIONS



Packaged Submersible Sewage Pumping Systems

- Meet medium and high head applications
- Designed on a modular platform to allow easy modifications
- High capacity duplex stations are fully integrated packages designed to minimize on-site coordination and ensure dependable, reliable operation
- Separate valve chamber is available

METERING & DOSING PACKAGED SYSTEMS



Custom & Standard Systems for all Metering & Dosing Applications

- Sole source supply of custom and standard systems including design, engineering, fabrication, metering pumps & instrumentation
- Systems for all metering & dosing applications including polymer makedown & feed; chemical injection for SAGD process; additives & processing aids
- Compliance to global standards including CRN; ABSA; CSA and API.

BOOSTER PACKAGES



AquaForce XL Pump Stations

- Fully factory tested for flow, pressure and electrical systems
- Pre-programmed for easy installation and start-up
- Rugged mechanical design with simple layout
- 304 SS manifolds with grooved connections
- Stainless steel vertical multi-stage or end suction pumps

SERVICE

WE SERVICE ALL OUR PUMPS - DON'T SEE THE PUMP YOU ARE LOOKING FOR? Call & Ask Us! 1-877-624-5757

- | | |
|-------------------|-----------------|
| • ARCTIC | • INTERPUMP |
| • ARMSTRONG | • JABSCO |
| • BROWN & SHARPE | • SHERWOOD |
| • CORNELL | • SUNFLO |
| • ENVIRONMENT ONE | • T-MAG |
| • GRI | • TOP LINE |
| • GENERAL PUMP | • TOYO |
| • GUSHER | • WARREN-RUPP / |
| • INOXPA | SandPIPER |

PACKAGED PUMP STATIONS



Above & Below Ground Pump Stations

- Water booster & waste water systems
- Duplex, triplex series or parallel configuration
- Minimizes on-site construction
- Prefabricated buildings with equipment, controls & wiring
- One source responsibility
- Fully customizable & factory tested

FILTRATION

BAG FILTERS

3M HART



- Bag filters are disposable & available in Polypropylene, Polyester, Nylon and NOMEX (High Temperature) media as standard
- Bags with high dirt holding and oil absorbent capabilities are also available
- Available as pleated and high efficiency filtration
- Nominal & absolute rating - 0.25µm to 1000µm

CARTRIDGE FILTERS & CAPSULES

3M HART



- Filter Cartridges and capsules are mostly disposable but cleanable and reusable cartridges are also available
- High flow and high efficient cartridges are used when space is limited and quality is critical
- Available in 0.25µm to 125µm - nominal & absolute rating

FILTER VESSELS & STRAINERS

3M >Plenty[®] MDA FILTRATION
EATON HART



- Flow rates from 2 gpm to 3000 gpm for standard vessels - larger flow rates available on custom vessels
- Materials in plastic, cast iron, carbon steel or stainless steel - other alloys available on request
- Standard design pressure is 150 psi - custom vessels can be manufactured for up to 3000 psi
- Strainer filtration rating from 0.25" perforation to 350 mesh (30 micron)

SELF-CLEANING FILTRATION

>Plenty[®] EATON
HYDAC HART LAKOS



- Continuous, Uninterrupted Filtration
- Mechanically Cleanable or Backwashable
- Filtration Down to 1 µm Available
- Flow Rates Up to 50,000 gpm with Standard Units
- Water & High Viscous Applications
- Filters Sticky Algae & Organics
- ASME, U Stamp or CRN Registered Available on Request
- NSF/ANSI 61 Certified

DEGASSING SYSTEMS USING 3M MEMBRANE CONTACTORS

BROOKS ENGINEERED SYSTEMS
Liqui-Cel 3M



- Adjusts Oxygen, Carbon Dioxide in Beverages, Boiler Feed Water & Other Liquids
- Removes Dissolved Gases out of Liquid.
- Used in all Inkjet Printers to Remove Bubbles from Ink
- Replaces or Reduces the Size of Large Dearators & Oxygen Scavengers.

CENTRIFUGAL / CYCLONE SEPARATORS

LAKOS



- Continuous, Uninterrupted Filtration
- No Internal Moving Parts
- No Screens or Filter Elements to Clean or Replace
- Low & Steady Pressure Loss
- Filtration Down to 40 µm or Finer for Settleable Solids
- ASME, U Stamp or CRN Registered - Available on Request

COMPRESSED AIR PURIFICATION

COMPRESSED AIR PURIFICATION SYSTEM

>Pneumatic Products®

- Compressed Air Dryer, Air Filters & Adsorber
- Specialty Dehydration Technologies
- Condensate Management
- Dry Breathers & Flame Arresters
- Pre-Engineered & Custom Packages Available



AIR / GAS PURIFICATION & COALESCING

AIR INTAKE FILTERS

>Dollinger®



- Removea Dirt, Rust, Pipe Scale, Oil & Water from Compressed Air, Gas or Process Liquids
- Capacities from 1,000 to 60,000 scfm
- Custom Engineered Air Intake Systems Available for Applications with Higher Flow Rates
- Removes Particles at the Intake of Compressor, Blowers & Turbines

OIL MIST ELIMINATORS

>Dollinger®



- Collects 99.9% of Droplets 0.3 μm & Larger
- Recovers Fugitive Oil Mist Emissions from Lubricant Reservoir of High-Speed Equipment.
- Lowers Operator Costs, Promotes Good Health & Improves Safety

COALESCER ELEMENT STYLE GAS | LIQUID SEPARATORS

HART
>Dollinger®



- Removes Liquid from Air, Gas & Exhaust
- Filtration Down to 0.3 μm Droplet Size
- Complete Systems including Coalesce, Drain Tank, Heater, Controls, Ladder & Platform, Piping, Valves, Fittings & Instrumentation - Mounted on a Common Frame
- ASME, U Stamp or CRN Registered - Available on Request

CYCLONE-STYLE GAS / LIQUID SEPARATORS & EXHAUST HEADS

EAT·N



- Removes Liquid from Air, Gas & Exhaust
- High Efficiency over Wide Flow Rates
- Filtration Down to 0.3 μm Droplet Size
- Ability to Remove up to 99% of all Liquid & Solids Entrainment where Particles Exceed 10 Microns
- ASME, U Stamp or CRN Registered - Available on Request

HEAT EXCHANGERS

HEAT EXCHANGERS

- Heat Exchangers to handle the most challenging applications
- Gasketed Plate Heat Exchangers
- Fully Welded Heat Exchangers
- District Heat Exchangers



WATER & WASTEWATER TREATMENT SYSTEMS

WATER & WASTEWATER TREATMENT SYSTEMS

- Multimedia Filters, Green Sand Filters
- RO, Demin, DI
- UF, MBR or MBBR
- Chemical Dosing for Pre/Post Treatment
- Chlorine Disinfection
- UV Disinfection
- Oil / Water Separators
- Dewatering Equipment



ASME VESSELS & CUSTOM SYSTEMS FABRICATION

ENGINEERED CUSTOM PACKAGES

Our custom systems include but are not limited to:

- Skid-mounted packages including Filtration, Pumps & Complete Controls
- Single or Multi-Stage Filtration Packages
- Chemical Dosing Systems



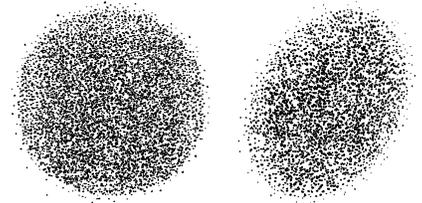
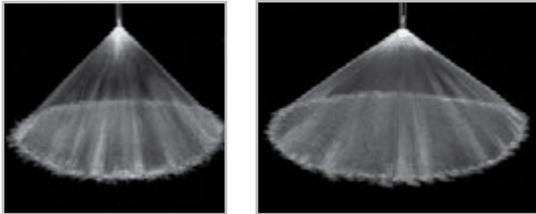
Our dedicated & enthusiastic Engineers & craftsmen are eager to share their expertise with our customers. We provide solutions with filter configurations integrating other process equipment to meet our customers' specific design requirements for a variety of applications.

80 years of application experience is applied to every manufacturing phase to ensure maximum performance and reliability. We monitor progress throughout by inspecting and testing, while documenting results with each project.



FULL CONE NOZZLES

BETE MAXX
FOG NOZZLE, INC.



Applications

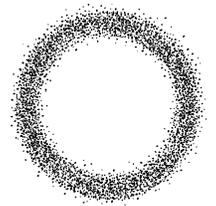
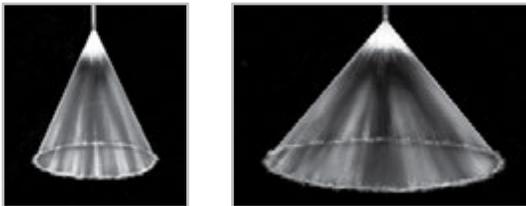
- Washing & Rinsing
- Quenching & Cooling
- Dust Control
- Fire Protection
- Gas Cooling & Scrubbing
- Steam Condensing in Pipelines

Features

- Full cone spray pattern with round impact area.
- Drops are distributed uniformly throughout a conically-shaped volume.
- Spray pattern normally formed by using internal vane.
- Spiral type nozzle consists of several concentric hollow cones combining to produce full cone effect with smaller droplets.

HOLLOW CONE NOZZLES

BETE MAXX
FOG NOZZLE, INC.



Applications

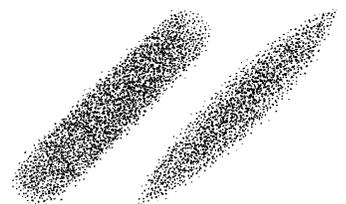
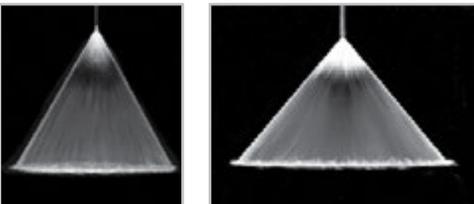
- Humidifying & Rinsing
- Dust Control
- Spray Pond Cooling
- Conveyor Sanitizing
- Gas Cooling
- Chemical Process

Features

- Hollow cone nozzles produce a thin ring of liquid.
- A conical shape with the liquid at the periphery of the cone.
- The mean droplet diameter is the smallest among all hydraulic nozzles.

FLAT SPRAY NOZZLES

BETE MAXX
FOG NOZZLE, INC.



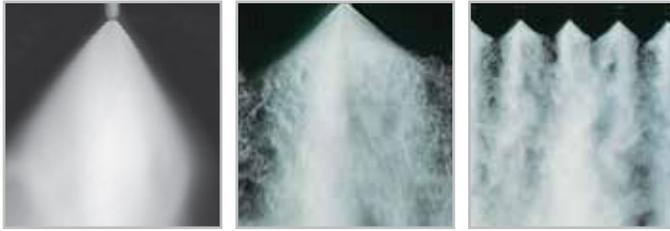
Applications

- Coating
- Cleaning
- Conveyor Washing
- Sanitation
- Washing & Rinsing
- High Impact Washing

Features

- Flat spray nozzles produce a flat sheet of liquid that expand outward from the nozzle
- The flat spray pattern is formed by an elliptical orifice.
- Tapered edges overlap to provide uniformity of spray distribution in multiple nozzle arrangements.

FINE SPRAY NOZZLES



BETE MAXX
FOG NOZZLE, INC.

Applications

- Dust Control
- Humidifying & Moistening
- Gas Conditioning
- Fire Control
- Evaporative Cooling
- Spray Drying

Features

- Hollow cone spray pattern with very low capacity
- Very small droplets
- Mist at low pressure; fog at high pressure
- Capable of generating extremely fine spray

AIR ATOMIZING NOZZLES



BETE MAXX
FOG NOZZLE, INC.

Applications

- Misting & Fogging
- Coating
- Cooling
- Lubricating
- Odor control
- Humidifying

Features

- Air Atomizing Nozzles produce the finest degree of atomization.
- Smallest droplet size
- Uses the energy in compressed air to produce highly atomized spray at low flow rates.

TANK CLEANING NOZZLES



BETE
FOG NOZZLE, INC.

HydroWhirl® S

Slotted rotating spray nozzle for quick & efficient tank cleaning.



GAMAJET
part of the 800 Series

IV

The most powerful Gamajet - perfect for cleaning oversized tanks.



GAMAJET
part of the 800 Series

V

The compact size readily passes through a 3" opening - ideal for cleaning small tanks.



GAMAJET
part of the 800 Series

Aseptic VI

Designed for permanent installation and provides true germ-free & bacteria-free cleaning - for the food, beverage & pharmaceutical industries.



GAMAJET
part of the 800 Series

E-Z VIII

Designed to provide the same flow as traditional largescale tank cleaners, but in a much smaller self-contained unit.



GAMAJET
part of the 800 Series

IX

Designed for the fast & economical cleaning of totes and tanks used in the transportation of bulk materials.

SPECIALTY NOZZLES



Turbo Mix



Compressed Air Nozzles



Wash Down Spray Gun



High Pressure Spray Gun



Clip-On

LANCES & QUILLS

Retractable Spray Lances

- Inspect & service your nozzles without disrupting your process
- Including lance, isolation valve, and retraction mechanism



Dual Nozzle Lances

- Custom designed & manufactured to customer's unique specifications
- Gas Cooling
- Flue Gas Quenching
- Gas Scrubbing



Injection Lances

- Complete spray solution with lances installed into the piping section.
- Drop-In Solution
- Chemical Injection
- Codes Compliant Fabrication
- Steam-Jacketed Fabrication



Spray Manifold

- For uniform coverage
- Conveyor Washing
- Road Dust Suppression
- Brush-type shower
- Cleaning Dewatering Equipment



Complete Spray Assembly with Manifold & Pumps



ENGINEERED SYSTEMS



Automated Glazing System
Bakery Industry



Gas Conditioning System
Oil & Gas Industry



Pan Coating System
Food Industry

BALL VALVES

2-PIECE



General Purpose W.O.G.

- Pressures to 6,000 psi (Temperature Dependent)
- Automated packages available with Direct Mount
- Sizes range from 1/4" through 3"
- Materials: Bronze, Carbon, Stainless Steel & Various Alloys
- A variety of End & Trim configurations are available
- Fire-safe API607, UL, NACE, CSA, CRN Certified

3-PIECE



High Performance

- Pressures to 2,000 psi (Temperature Dependent)
- Automated packages available with Direct Mount
- Sizes range from 1/2" through 4"
- Materials: Bronze, Carbon, Stainless Steel & Various Alloys
- A variety of End & Trim configurations are available
- Fire-safe API607, UL, NACE, CSA, CRN Certified

FLANGED



Fire-Safe Split Body

- Pressures to 1480 psi (Temperature & Valve Dependent)
- Automated packages available with Direct Mount
- Sizes range from 1/2" through 12"
- Materials: Carbon, Stainless Steel & Various Alloys
- 150#, 300# & 600# Flanged Ends
- Fire-safe API607, UL, NACE, CSA, CRN Certified

3-WAY, 4-WAY, 5-WAY



Multi-Port

- Pressures to 1000 p.s.i.
- Automated packages available with Direct Mount
- Sizes range from 1/4" through 4"
- Materials: Carbon, Stainless Steel & Various Alloys
- Various Port Configurations "L", "T", "LL", "I", "TT", "X"
- UL, CSA, CRN Certified

TOP ENTRY



Floating Ball

- Pressures to 1480 psi
- Manual operation only
- Sizes range from 1/2" through 8"
- Materials: Carbon, Stainless Steel & Various Alloys
- A variety of End & Trim configurations are available
- UL, CSA, CRN Certified

SEGMENTED CONTROL



"V" Port Control, Unibody V-Port Segmented

- 30°, 60°, 90° Balls, Segmented, others on request
- Automated Packages Available with Direct Mount
- Size Range from 1/2" through 16"
- Materials: Carbon, Stainless Steel & Various Alloys
- A variety of End & Trim configurations are available
- UL, CSA, CRN Certified

BUTTERFLY VALVES

RESILIENT SEAT



Normal-Duty, Liquid, Gas & Powder Applications

- Pressures to 200 psi
- Automated packages available with Direct Mount
- Stock sizes range from 1-1/2" to 24" - Larger sizes available
- Materials: Ductile Iron & 316 Stainless Steel
- A variety of Seats are available
- UL, CSA, CRN Certified

HIGH PERFORMANCE



High Temperature Applications

- Pressures to 750 psi
- Automated packages available with Direct Mount
- Stock Size Range from 1-1/2" to 24" - Larger sizes available
- Materials: Ductile Iron & 316 Stainless Steel
- A variety of Seats are available
- Fire-safe API607, UL, NACE, CSA, CRN Certified

ACTUATORS

PNEUMATIC



Rack and Pinion, Scotch Yoke Designs

- Torques to 1,600,000 In-lbs.
- Standard working temperatures -20°F to 175°F
- Air supply 40 psi to 150 psi
- Double acting and spring return
- Dual travel stops
- Fail-Open or Fail-Closed

ELECTRIC



DC & AC Direct & Gear Driven

- Torques to 80,000 In-lbs.
- NEMC 4,4X, Explosion-Proof, Submersible casings
- Various AC & DC voltages
- Manual de-clutchable override
- Internal switches and heaters including torque control
- Analog & digital modulating control cards

VALVE CONTROL ACCESSORIES

CONTROLS, SWITCHES, POSITIONERS, SOLENOIDS



Pneumatic, Electro-Pneumatic, Digital & Smart Valve Positioners

- Explosion Proof 316 SS Auto-Calibrate, HART, Digital Display, 10 amp Micro Switches
- 4-20 psi linear and rotary type pneumatic positioners; Direct acting or reversing NAMUR mounting dimensions
- Profibus PA, Foundation Fieldbus available on SIPART PS 2 & PS2A
- Limit Switches with visual indicators; Quick-set cams and easy access terminal strips
- Explosion-Proof Limit Switches NEMA 4,4X, 7 and 9 Applications, multi-cable entries
- NAMUR mount Solenoids, DIN & Explosion-Proof; Valves convertible from 3/2 to 5/2, mounting in any position

CUSTOM SKIDS & PACKAGED FLUID HANDLING SYSTEMS

Since 2000, our Engineered Systems Team has been providing quality custom systems for use in a variety of fluid handling applications in all industries throughout Canada.

We collaborate with our customers to design and deliver custom skids and packaged fluid handling systems that solve unique and complex process challenges. Through our application expertise, system design, cost effective components, project management, documentation, fabrication, staging, testing and construction, all John Brooks Systems are designed to meet the unique needs of the Customer.

Some of our Custom Systems include:

- Above Ground Pump Station with Building and Controls
- Chemical Metering / Injection Systems
- Clean- In-Place Systems
- Fuel Oil Systems
- Gas Cooling Skids
- Liquid Filtration Systems
- Portable Pump Systems
- Pressure Booster Systems
- Submersible Pump Stations with Tank & Controls
- Water Treatment Systems



Diesel Fuel Pump and Two-Stage Coalescer/Separator Skid
Designed for Diesel Engine/Generator in the Mining Industry to measure and remove moisture from Diesel Fuel



Gas Cooling Skid
Designed with Closed-Loop Control



Duplex Automatic Strainer Skid
Designed for Pre and Post Water Filtration



3-Stage Filtration System
Designed for Cooling Tower Water

JB-DLCE_0909-1