



KPI GROUP

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BUTTERFLY VALVE LINE

Double Eccentric Butterfly Valve Model D/MD

Construction Standard: API 609
 Connection End: wafer, lug, flange
 Pressure:

CL150 - CL300 (Series A)
 CL150 - CL900 (Series B)

Size: 2" - 64"

Construction Material: carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.

Operator: lever, gear, pneumatic actuator, electrical actuator, etc.



Triple Eccentric Butterfly Valve Model T

Construction Standard: API 609
 Connection End: wafer, lug, butt-weld, flange
 Pressure: CL150 - CL900
 Size: 2" - 60"

Construction Material: carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.

Operator: lever, gear, pneumatic actuator, electrical actuator, etc.

Concentric Butterfly Valve Model C

Construction Standard: API 609
 Connection End: wafer, lug, flange, U-Section
 Pressure: CL150
 Size: 2" - 80"

Construction Material: ductile iron, cast iron, carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium etc.

Operator: lever, gear, pneumatic actuator, electrical actuator, etc.



PTFE Lined Butterfly Valve Model CL

Construction Standard: API 609
 Connection End: wafer, lug, flange
 Pressure: CL150
 Size: 2" - 36"

Construction Material: ductile iron, cast iron, carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.

Operator: lever, gear, pneumatic actuator, electrical actuator etc.

BALL VALVE LINE

Double Eccentric Butterfly Valve Model D/MD

Construction Standard: API 609
 Connection End: wafer, lug, flange
 Pressure: CL150-CL300 (Series A)
 CL150-CL900 (Series B)
 Size: 2" - 64"
 Construction Material: carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium etc.
 Operator: lever, gear, pneumatic actuator, electrical actuator etc.



Trunnion Mounted Ball Valve Model BT

Construction Standard: API 6D
 Connection End: flange, butt-weld, socket weld
 Pressure: CL150-CL2500
 Size: 2" - 56"
 Construction Material: carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium etc.
 Operator: lever, gear, pneumatic actuator, electrical actuator etc.



Top Entry Ball Valve Model BTE

Construction Standard: API 6D
 Connection End: flange, butt-weld
 Pressure: CL150 - CL2500
 Size: 2" - 32"
 Construction Material: carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.
 Operator: lever, gear, pneumatic actuator, electrical actuator, etc.



V-Port Ball Valve Model BVP

Construction Standard: API 6D
 Connection End: flange, butt-weld
 Pressure: CL150 - CL600
 Size: 1" - 14"
 Construction Material: carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.
 Operator: lever, gear, pneumatic actuator, electrical actuator, etc.



GATE VALVE LINE

Rising /Non-Rising Stem Valve Model GR /GN

Construction Standard: API 600, API 602, API 603, API 6A

Connection End: flange, butt-weld

Pressure: CL150 - CL2500

Size: 1/2" - 56"

Construction Material: ductile iron, cast iron, carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.

Operator: handwheel, gear, pneumatic actuator, electrical actuator, etc.



Through Conduit Gate Valve Model GS / GE

Construction Standard: API 6D

Connection End: flange, butt-weld

Pressure: CL150 - CL1500

Size: 2" - 36"

Construction Material: carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.

Operator: handwheel, gear, pneumatic, actuator, electrical actuator, etc.

Pressure Seal Gate Valve Model GP

Construction Standard: ASME B16.34

Connection End: butt-weld

Pressure: CL600 - 2500LB

Size: 2" - 30"

Construction Material: alloy steel

Operator: lever, gear, pneumatic actuator, electrical actuator, etc.



Knife Gate Valve Model GK

Construction Standard: MSS SP-81

Connection End: wafer, lug, flange

Pressure: CL150

Size: 7" - 56"

Construction Material: ductile iron, cast iron, carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.

Operator: handwheel, gear, pneumatic actuator, electrical actuator, etc.

GLOBE VALVE LINE

T Pattern Globe Valve Model JR

Construction Standard: ASME B16.34, BS 1873

Connection End: flange, butt-weld

Pressure: CL150 - CL2500

Size: 2" - 24"

Construction Material: ductile iron, cast iron, carbon steel, stainless steel, alloy steel, duplex stainless

steel, monel, hastelloy, titanium, etc.

Operator: handwheel, gear, pneumatic actuator, electrical actuator, etc.



Y Pattern Globe Valve Model JR / JY

Construction Standard: ASME B16.34, BS 1873

Connection End: flange, butt-weld

Pressure: CL150 - CL2500

Size: 2" - 24"

Construction Material: ductile iron, cast iron, carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.

Operator: handwheel, gear, pneumatic actuator, electrical actuator, etc.



Pressure Seal Globe Valve Model JP / JY

Construction Standard: ASME B16.34

Connection End: flange, butt-weld

Pressure: CL600 - 2500LB

Size: 2" - 24"

Construction Material: alloy steel

Operator: lever, gear, pneumatic actuator, electrical actuator, etc.



Angle Pattern Globe Valve Model J A

Construction Standard: ASME B16.34, BS 1873

Connection End: flange, butt-weld

Pressure: CL150 - CL600

Size: 2" - 24"

Construction Material: ductile iron, cast iron, carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.

Operator: handwheel, gear, pneumatic actuator, electrical actuator, etc.





CHECK VALVE LINE

Swing Check Valve Model ZS

Construction Standard: API 6D, ASME B16.34, BS 1868

Connection End: flange, butt-weld

Pressure: CL150 - CL2500

Size: 2" - 48"

Construction Material: ductile iron, cast iron, carbon steel, stainless steel, alloy steel, duplex stainless



Wafer Check Valve Model ZW

Construction Standard: API 594, API 6D

Connection End: wafer, lug, flange

Pressure: CL150 - CL2500

Size: 2" - 48"

Construction Material: ductile iron, cast iron, carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.

Pressure Seal Check Valve Model GP

Construction Standard: ASME B16.34

Connection End: flange, butt-weld

Pressure: CL600 - 2500LB

Size: 2" - 30"

Construction Material: alloy steel



Tilting Disc Check Valve Model ZT

Construction Standard: ASME B16.34

Connection End: flange

Pressure: CL150 - CL600

Size: 2" - 30"

Construction Material: carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.

PLUG VALVE LINE

Sleeve Type Plug Valve Model PS

Construction Standard: API 6D, API 599
 Connection End: flange, butt-weld
 Pressure: CL150 - CL900
 Size: 1/2" - 14"
 Construction Material: carbon steel, stainless steel, monel, hastelloy, titanium, etc.
 Operator: lever, gear, pneumatic actuator, electrical actuator, etc.



Inverted Pressure Balance Lubricate Plug Valve Model PI

Construction Standard: API 6D, API 599
 Connection End: flange, butt-weld
 Pressure: CL150 - CL900
 Size: 1/2" - 14"
 Construction Material: carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.
 Operator: lever, gear, pneumatic actuator, electrical actuator, etc.



Lift Type Plug Valve Model PL

Construction Standard: API 6D, API 599
 Connection End: flange, butt-weld
 Pressure: CL150 - CL900
 Size: 1/2" - 14"
 Construction Material: carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.
 Operator: lever, gear, pneumatic actuator, electrical actuator, etc.



Eccentric Plug Valve Model PE

Construction Standard: API 6D, API 599
 Connection End: flange
 Pressure: CL150 - CL900
 Size: 1/2" - 14"
 Construction Material: ductile iron, cast iron, carbon steel, stainless steel, alloy steel, duplex stainless steel, monel, hastelloy, titanium, etc.
 Operator: lever, gear, pneumatic actuator, electrical actuator, etc.





ACTUATOR AND ACCESSORIES LINE

Pneumatic Actuator Model PR / PH

Classification:

Rack & Pinion Actuator (PR)

Scotch Yoke Actuator (PH)

Type: spring return, double action.

Air Supply: 2.5 bar - 8 bar.

Medium: dry or non-corrosive gas, the max

particle diameter must be less than 30µm

Working Temperature: -40°C - 150°C

Travel adjustment: have adjustment range of

±5° for the rotation at 0° and 90°

Construction Material: carbon steel, stainless steel, alloy steel or other customized material.



Solenoid Valve Model PSV

Solid and flexible design: aluminum die-casting housing

Mounting: for direct mounting on NAMUR interface

Mounting Position: Any position

Material Specifications: aluminium body.

Stainless steel is available.

Medium: dry or lubricated air.

Fluid Temperature: Min. 32°F (0°C) Max. 122°F (+50°C)

Electrical Parts: See information of coils.

Voltage: 24 VDC, 48VDC, 110AC, 220AC

Voltage tolerance: ±10% of nominal



Filter Regulator Model PFR

Body Material: SS304, SS316, aluminium

Pressure: 0 - 30psi, 0 - 60psi, 0 - 150psi

Connection: NPT 1/4", PT 1/4

Pressure Gauge: stainless steel, vibration proof



Electrical Actuator Model ESO / ESR

Classification: On-Off type, regulating actuator
 Power supply: 380 V, 50 Hz; Optional: 380 – 660 V,
 50 or 60 Hz, specified when ordering

Service environment:

- Environmental temperature: -20~60°C;
 Optional: -40 ~ +70°C
 - Relative humidity: ≤90% (+25°C)
 - Enclosure protection: IP68 (7 meter below
 water surface for 72 hours)
 - Flameproof specification: Exd I, Exdib II BT4 and
 Exdib II CT4. The Exdib II CT4 is for special order.
 - Flameproof mark: Exd I, Exdib II BT4 and Exdib
 II CT4, for hazardous zone with Class II B – II C
 explosive gases of temperature groups T1 – T4.
- The motor is of short time duty. Rated operating
 time is 15 min.

Insulation: Class F



Limit Switch Box Model PLS

Solid and flexible design: aluminum
 die-casting housing and powder coating.

Bolts on visual position indicator
 Quick-set cam

- Spring loaded splined cam.
- No need to adjust again after initial setting.
- Easy setting without tool.

Dual cable entries

Captive cover bolts: no worry to loose bolts
 while cover open.

Easy mounting bracket: NAMUR standard
 stainless steel shaft and bracket.



STRAINER LINE

Y Strainer Model SY

Body Material: ductile iron, cast iron, carbon
 steel, stainless steel, alloy steel, duplex
 stainless steel, monel, hastelloy, titanium, etc.
 Size: 1/2" – 16"

Pressure: CL150 – CL600

Connection: flange, threaded, butt-weld, socketweld

Screen: SS304, SS316, duplex stainless steel



Basket Strainer Model SB

Body Material: ductile iron, cast iron, carbon steel
stainless steel, alloy steel, duplex stainless
steel, monel, hastelloy, titanium, etc.

Size: 1/2" - 16"

Pressure: CL150 - CL300

Connection: flange, threaded, butt-weld,
socket-weld

Screen: SS304, SS316, duplex stainless steel



Duplex Strainer Model SD

Body Material: ductile iron, cast iron, carbon
steel, stainless steel, alloy steel, duplex
stainless steel, monel, hastelloy, titanium, etc.

Size: 3/4" - 8"

Pressure: CL150 - CL300

Connection: flange

Screen: SS304, SS316, duplex stainless steel

Bag Strainer Model SA

Body Material: ductile iron, cast iron,
carbon steel, stainless steel, alloy steel,
duplex stainless steel, monel, hastelloy,
titanium, etc.

Size: 1/2" - 36"

Pressure: CL150

Connection: flange

Screen: SS304, SS316, duplex stainless
steel



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