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GATE VALVES

V-GT101

Type: Gate
Rating: Class 150
Ends: Threaded to ANSI B1.20.1
Body: Bronze, ASTM B62 Alloy 836
Bonnet: Bronze, ASTM B62 Alloy 836
Disc: Bronze, ASTM B62 Alloy 836
Stem: Vendor standard
Operator: Hand wheel

V-GB104

Type: Gate (full port)
Rating: Class 800 API 602
Ends: Butt weld
Body: Steel, ASTM A-216, Grade WCB or ASTM A-105
Bonnet: (Bolted) Steel, ASTM A-216, Grade WCB or ASTM A-105
Body and Bonnet Bolting: ASTM A-193, Grade B7
Disc: 13% Cr Stainless steel, solid wedge
Stem: 13% Cr Stainless steel, OS & Y
Seat: Stellite faced (renewable)
Operator: Hand wheel
Notes: To conform to API 602

V-GF113

Type: Gate
Rating: Class 125
Ends: Flanged, FF, Class 125, ANSI B16.5
Body: Cast iron
Bonnet: (Bolted) Cast iron
Body and Bonnet Bolting:
Disc: Cast iron wedge
Stem: 316 Stainless steel, OS & Y
Seat: Cast iron/Ductile iron
Operator: 80–DN250 - hand wheel
DN300 and larger - enclosed bevel gear operator
Notes: To conform to ANSI B16.10

V-GF142

Type: Gate
Rating: Class 150

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Ends:	Flanged, RF, Class 150, ANSI B16.5
Body:	316 Stainless steel
Bonnet:	316 Stainless steel
Body and Bonnet Bolting:	
Gate:	316 Stainless steel Flexible wedge
Stem:	316 Stainless steel, OS & Y
Seat:	316 Stainless steel
Operator:	Hand wheel for sizes up to DN250 Hand wheel with gear reduced for sizes larger than DN250

KNIFE GATE VALVES

V-KW191

Type:	Knife gate (wafer type)
Rating:	700kPa - up to 150DN - 600kPa - 200DN and larger
Ends:	To fit between flanges, Class 150, ANSI B16.5 flat face
Body:	Ductile iron epoxy coated inside and out
Gate:	316 Stainless steel
Seat:	Elastomer
Stem:	316 Stainless steel
Liner:	one piece Urethane replaceable liner
Seals (or packing):	One piece moulded Elastomer
Deflector cone:	Not applicable
Operator:	Hand wheel. Valve sizes DN300 and larger to be supplied with hand wheel and gear reducer

V-KW192

Type:	Knife gate (wafer type)
Rating:	700kPa - up to 150DN - 600kPa - 200DN and larger
Ends:	To fit between flanges, Class 150, ANSI B16.5
Body:	Cast iron
Gate:	304 Stainless steel
Stem:	304 Stainless steel
Liner:	Butyl lined or sleeved
Deflector cone:	Not applicable
Operator:	Hand wheel. Valve sizes DN300 and larger to be supplied with hand wheel and gear reducer

V-KL194

Type:	Knife gate (lug style)
Rating:	700kPa - up to 150DN - 600kPa - 200DN and larger

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Ends: To fit between flanges, Class 150, ANSI B16.5 flat face
Body: Ductile iron epoxy coated inside and out
Gate: 304 Stainless steel
Stem: 304 Stainless steel
Seals (or packing): one piece moulded Elastomer
Operator: Hand wheel. Valve sizes DN300 and larger to be supplied with hand wheel and gear reduce

V-KW195

Type: Knife gate (wafer type)
Rating: 700kPa - up to 150DN - 600kPa - 200DN and larger
Ends: To fit between flanges, Class 150, ANSI B16.5
Body: Ductile iron, Natural Gum Rubber Sleeve
Gate: 304 Stainless steel
Stem: 304 Stainless steel
Seals (or packing): Braided PTFE
Deflector cone: Not applicable
Operator: Hand wheel. Valve sizes DN300 and larger to be supplied with hand wheel and gear reducer
Notes: Valve to be supplied with solid end booted stem protectors and leak containment housing.

CHECK VALVES (NON RETURN)

V-CF301 (Poly)

Type: Check (flap)
Rating: Class 150
Ends: Wafer style to fit between flanges Class 150 ANSI B 16.5
Body: HDPE PE100
Body and Bonnet Bolting: HDPE PE100 / SS316 Bolts
Disc: EDPM
Seat: HDPE PE100
Note: To conform to ANSI B16.10 and API 600

V-CS305

Type: Check (swing type)
Rating: Class 150
Ends: Flanged, RF, Class 150, ANSI B16.5
Body: Steel, ASTM A-216, Grade WCB
Bonnet: (Bolted) Steel, ASTM A-216, Grade WCB
Body and Bonnet Bolting: ASTM A-193, Grade B7 or BS 4882 Grade B7

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Disc: 13% Cr steel
Seat: Cobalt - Chromium - Tungsten alloy (hard faced) or equivalent
Note: To conform to ANSI B16.10 and API 600

V-CS306

Type: Check
Rating: Class 150 DN 50 - 600
Ends: Wafer style to fit between flanges Class 150 ANSI B 16.5
Body: Steel, ASTM A-216, Grade WCB or ductile iron
Disc: 13% Cr steel/ HF or SS
Seat: Cobalt - Chromium - Tungsten alloy (hard faced) or equivalent

V-CS342

Type: Check, swing
Rating: Class 150, ANSI B16.34
Ends: Flanged, RF, Class 150, ANSI B16.5
Body: 316 Stainless steel, ASTM A-351, Grade CF8M or A-182, Grade F16
Body and Bonnet Bolting: 304 Stainless steel
Disc: 316 Stainless steel, ASTM A-351, Grade CF8M
Seat: 316 Stainless steel, ASTM A-351, Grade CF8M, integral with body
Seals (or packing): PTFE
Note: To conform to ANSI B16.1

V-CS344

Type: Check, (swing type)
Rating: Class 150
Ends: Flanged, RF, Class 150, ANSI B16.5
Body: 316 Stainless steel
Bonnet: 316 Stainless steel
Body and Bonnet Bolting: 316 Stainless steel
Disc: 316 Stainless steel
Seat: 316 Stainless steel
Note: To conform to API 600

V-CS351

Type: Check (swing type)
Rating: Class 150, ANSI B16.5
Ends: Flanged, RF, Class 150, ANSI B16.5
Body: (Cast) SAF 2205
Cover: (Bolted) SAF 2205
Body and Bonnet Bolting: Stainless steel
Disc: SAF 2205
Seat: SAF 2205

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BUTTERFLY VALVES

V-BFW501 (PFE Teflon)

Type: Butterfly (wafer type)
Rating: 1,000kPa
Ends: To mount between flanges, Class 150, ANSI B16.5
Body: Cast iron or SG/ductile iron
Disc: 316 Stainless steel with PFE 4mm thick coating
Stem: 316 Stainless steel
Seat: PFE
Operator: Lever lock handle for sizes up to 200DN
Hand wheel and gear operator for sizes larger than 200DN

V-BFL502 (PFE Teflon)

Type: Butterfly (lug style)
Rating: 1,000kPa (500kPa max on dead end service)
Ends: To fit between flanges, Class 150, ANSI B16.5
Body: Cast iron
Disc: 316 Stainless steel with PFE 4mm thick coating
Stem: 316 Stainless steel
Seat: PFE
Operator: Lever lock handle for sizes up to 200DN
Hand wheel and gear operator for sizes larger than 200DN

V-BFW505

Type: Butterfly (wafer type)
Rating: 1,000kPa
Ends: To mount between flanges, Class 150, ANSI B16.5
Body: Cast iron or SG/ductile iron
Disc: 316 Stainless steel
Stem: 316 Stainless steel
Seat: EPDM
Operator: Lever lock handle for sizes up to 200DN
Hand wheel and gear operator for sizes larger than 200DN

V-BFL507

Type: Butterfly (lug style)
Rating: 1,000kPa (500kPa max on dead end service)
Ends: To fit between flanges, Class 150, ANSI B16.5
Body: Cast iron
Disc: 316 Stainless steel
Stem: 316 Stainless steel

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Seat: EPDM
Operator: Lever lock handle for sizes up to 200DN
Hand wheel and gear operator for sizes larger than 200DN

V-BFW541

Type: Butterfly (wafer type)
Rating: 1,000kPa. Temperature 100o C max
Ends: To mount between flanges, Class 150, ANSI B16.5
Body: 2 piece Ductile iron, Epoxy coating on outside. PTFE lined min 3mm with Elastomer backing.
Disc: 316 with PTFE over-moulding min 3mm.
Shaft: PFA coated 316 one piece with disc.
Shaft Seal: PTFE with liner in seal area.
Seat: PTFE
Operator: Lever lock handle. Over DN200 provide gearbox operator

V-BFL542

Type: Butterfly (lug type)
Rating: 1,000kPa. Temperature 100o C max
Ends: To mount between flanges, Class 150, ANSI B16.5
Body: 2 piece Ductile iron, Epoxy coating on outside. PTFE lined min 3mm with Elastomer backing.
Disc: 316 with PTFE over-moulding min 3mm.
Shaft: PFA coated 316 one piece with disc.
Shaft Seal: PTFE with liner in seal area.
Seat: PTFE
Operator: Lever lock handle. Over DN200 provide gearbox operator.

V-BW591

Type: Butterfly (wafer type)
Rating: 700kPa
Ends: To mount between flanges, Class 150, ANSI B16.5
Body: Cast iron, Epoxy coated on outside EDPM or Nitrile lining
Bonnet: N/A
Body and Bonnet Bolting: N/A
Disc: 316 SS
Stem: 316 Stainless steel
Seat: EPDM
Operator: Lever lock handle for sizes up to 200DN
Hand wheel and gear operator for sizes larger than 200DN

V-BFW592

Type: Butterfly (wafer type)
Rating: 1,000kPa

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Ends: To mount between flanges, Class 150, ANSI B16.5
Body: SAF 2507
Bonnet: N/A
Body and Bonnet Bolting: N/A
Disc: SAF 2507 Stainless steel, Teflon covered
Stem: SAF 2507 Stainless steel, Teflon covered
Seat: Chloro-Isoprene - Isobutylene Rubber (Butyl)
Operator: Lever lock handle for sizes up to 200DN
Hand wheel and gear operator for sizes larger than 200D

V-BFL593

Type: Butterfly (lugged type)
Rating: 700 kPa
Ends: To mount between flanges, Class 150, ANSI B16.5
Body: SAF 2205
Bonnet: N/A
Body and Bonnet Bolting: N/A
Disc: SAF 2205 Stainless steel, Teflon covered
Stem: SAF 2205 Stainless steel, Teflon covered
Seat: Viton GF
Operator: Lever lock handle for sizes up to 200DN
Hand wheel and gear operator for sizes larger than 200D

DIAPHRAGM VALVES

V-DW609

Type: Diaphragm (weir type)
Rating @ 50°C: All sizes: 700kPa (minimum)
Ends: Flanged, FF Class 125, ANSI B16.1
Body: Cast iron, ASTM A-126, Class B, Hard rubber lined
Bonnet: (Non-indicating) cast iron, ASTM A-126, Class B
Body and Bonnet Bolting: ASTM A-307, Grade B
Diaphragm: Natural rubber
Stem: Steel
Operator: Hand wheel

V-DS653

Type: Diaphragm (straight-way pattern)
Rating @ 85°C: 200kPa for DN200
700kPa for DN100 and less
Ends: Flanges, FF, Class 125, ANSI B16.5
Body: Cast iron, ASTM A-126, Class B, soft natural rubber lined
Bonnet: (Non-indicating) Cast iron, ASTM A-126, Class B
Body and Bonnet Bolting: ASTM A-307, Grade B

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Diaphragm: Natural rubber blend, carbon black reinforced
 Stem: Steel
 Seat: Soft rubber (body lining)
 Operator: Hand wheel

V-DS656

Type: Diaphragm (straight-way pattern)
 Rating @ 135°C: DN15 to DN50 850kPa
 DN65 to DN150 600kPa
 DN200 to DN 350 350kPa
 Ends: Flanged, FF, drilled to Class 125, ANSI B16.1
 Body: 316 SS, ETFE lined or Ductile Iron ETFE lined and EPOXY on outside
 Bonnet: (Non-indicating) cast iron, ASTM A-126, Class B
 Body and Bonnet Bolting: ASTM A-307, Grade B
 Diaphragm: PTFE faced with Butyl rubber backing (to handle trace organics)
 Stem: 316 SS
 Operator: Hand wheel

BALL VALVES

V-BF801

Type: Ball (regular bore)
 Rating: Class 150
 Ends: Flanged ANSI
 Body: PTFE
 Ball: PTFE
 Stem: PTFE
 Seat: PTFE
 Seals (or packing): PTFE
 Operator: Lever
 Note: Also available in Poly Propylene (PP)

V-BR802

Type: Ball (regular bore)
 Rating: Class 800
 Ends: Threaded NPT
 Body: Carbon steel to A-216 WCB
 Ball: 316 Stainless steel
 Stem: 316 Stainless steel
 Seat: PTFE
 Seals (or packing): PTFE
 Operator: Lever

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V-BR804

Type: Ball (regular bore)
Rating: Class 150
Ends: Flanged, RF, Class 150, ANSI B16.5
Body: Carbon steel to A-216 WCB
Ball: 316 Stainless steel
Stem: 316 Stainless steel
Seat: PTFE
Seals (or packing): PTFE
Operator: Lever
Note: To conform to ANSI B31.1

V-BF822

Type: Ball (full port)
Rating: 6,800kPa @ 50°C
Ends: Threaded NPT
Body: 316 Stainless steel
Ball: 316 Stainless steel
Stem: 316 Stainless steel
Seat: PTFE
Seals (or packing): PTFE
Operator: Lever
Notes: To conform to ANSI B31.1

V-BF823

Type: Ball (full port)
Rating: Class 600
Ends: Flanged, RF, Class 600, ANSI B16.5
Body: 316 Stainless steel
Ball: 316 Stainless steel
Stem: 316 Stainless steel
Seat: PTFE
Seals (or packing): PTFE
Operator: Worm Gear

V-BR841

Type: Ball (regular bore)
Rating: ANSI Class 800
Ends: Socket Weld, ANSI B16.11
Body: 316 Stainless steel
Ball: 316 Stainless steel
Stem: 316 Stainless steel
Seat: PTFE

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Seals (or packing): PTFE
Operator: Lever

V-BF844

Type: Ball (full port)
Rating: ANSI Class 150
Ends: Flanged, RF, Class 150, ANSI B16.5
Body: 316 Stainless steel
Ball: 316 Stainless steel
Stem: 316 Stainless steel
Seat: PTFE
Seals (or packing): PTFE
Operator: Lever

V-BF851

Type: Ball (full port), two piece
Rating: ANSI Class 150
Ends: Flanged, RF, Class 150, ANSI B16.5
Body: SAF 2205
Ball: SAF 2205 Stainless steel
Stem: SAF 2205 Stainless steel
Seat: PTFE
Seals (or packing): PTFE
Operator: Lever

V-BF896

Type: Ball (full port)
Rating: ANSI Class 800 <=50mm
Ends: NPT both ends
Body: SAF2205
Ball: SAF2205
Stem: 316ss
Seat: Metal
Seals (or packing): Teflon
Operator: Lever

CAN'T FIND WHAT YOU'RE LOOKING FOR? THEN CONTACT US.

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