

J Flow™ Controls *right valve, right application, right now!*



Three Piece Fire Safe



V Ball Control Valve



3000 psi



Teflon Impregnated



Sanitary Three Way

J-Flow Controls

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Specialty Valves

DM2600 Series Top Entry, ANSI 150, Direct Mount

Direct mount, top entry, silicone-free, anti-static, heat code stamped on body, face-to-face interchangeability, locking handle, live-loaded packing



- Sizes: 2" - 6"
- Body Material: 316
- Trim Material: 316
- Port: Full Port
- End Connection: ANSI 150
- Pressure: 275 psi
- Options: Automation, chainwheel, fusible link, extended bonnet
- Temperature: -20°F to +325°F
- Seat Materials: Super-Teflon

DM2700 Series 1-Piece, Top Entry Direct Mount Valve

Direct mount, top entry, convenient in-line repair, one piece valve, live-loaded packing, silicone-free, anti-static, heat code stamped on body



- Sizes: 1/2" - 4"
- Body Material: 316, WCB, Alloy 20, Monel, Hastelloy C, Duplex
- Trim Material: 316, Alloy 20, Monel, Hastelloy C, Duplex
- Port: Reduced Port
- End Connection: Socket Weld, Butt Weld, Threaded, NPT
- Pressure: 725 psi
- Options: Automation, chainwheel, fusible link, extended bonnet
- Temperature: -50°F to +450°F
- Seat Materials: Super Teflon

DM4800 Series 3000 PSI, Direct Mount, Three Piece Valve

Direct mount, three piece, full port, live-loaded packing, encapsulated seat with locking handle



- Sizes: 1/4" - 2-1/2"
- Body Material: 316, WCB, Alloy 20, Monel, Hastelloy C, Duplex
- Trim Material: 316, Alloy 20, Monel, Hastelloy C, Duplex
- Port: Full Port
- End Connection: Threaded, Socket Weld, Butt Weld
- Pressure: 3000 psi
- Options: Automation, chainwheel, fusible link, extended bonnet
- Temperature: -20°F to +550°F
- Seat Materials: PEEK

DM4700 Series Three Piece, 2000 PSI, Fire Safe to API 607, 5th Edition

Direct mount, three piece, full port, live-loaded packing, encapsulated seat with locking handle



- Sizes: 1/4" - 2"
- Body Material: 316, WCB, Alloy 20, Monel, Hastelloy C, Duplex
- Trim Material: 316, Alloy 20, Monel, Hastelloy C, Duplex
- Port: Full Port
- End Connection: Threaded, Socket Weld, Butt Weld
- Pressure: 2000 psi
- Options: Automation, chainwheel, fusible link, extended bonnet
- Temperature: -20°F to +450°F
- Seat Materials: Reinforced Teflon

Specialty Valves

VBA Series Severe Service Metal Seated Ball Valve

Severe service metal seated valve, full and reduced port, Class VI shutoff, 4 year warranty



- Sizes: 1/4" - 4"
- Body Material: 316, WCB, A105, F11, F22
- Trim Material: 316, 410
- Port: Full Port, Reduced Port
- End Connection: Socket Weld, Butt Weld, Threaded, ANSI 150-2500 Flange
- Pressure: 6000 psi
- Options: Automation, chainwheel, fusible link, extended bonnet
- Temperature: -50°F to +1500°F
- Seat Materials: 410SS, Stellite and other alloys

9500F Series Trunnion Valves Block & Bleed Valves

API 6D, blow-out proof stem, fire safe to API 607, 4th edition, NACE certified, live-loaded packing



- Sizes: 1/2" - 60"
- Body Material: WCB, 316, A105
- Trim Material: 304, Chrome, 316
- Port: Full Port, Reduced Port
- End Connection: Butt Weld, Socket Weld
- Pressure: up to 6000 psi
- Options: NACE, extended bonnet, vented ball, fusible link, limit switch, automation with accessories
- Temperature: -20°F to +550°F
- Seat Materials: Carbon, Nylon, Teflon, RPTFE, Carbon PEEK

DM2900 Series 1-Piece, Direct Mount Wafer Valve

Direct mount, wafer flanged valve, drilled to ANSI 150 & 300, live loaded packing, silicone-free, anti-static



- Sizes: 1/2" - 4"
- Body Material: 316, WCB, Alloy 20, Monel, Hastelloy C, Duplex
- Trim Material: 316, Alloy 20, Monel, Hastelloy C, Duplex
- Port: Full Port
- End Connection: Wafer, Drilled to ANSI 150, ANSI 300, DIN
- Pressure: 725 psi
- Options: Automation, chainwheel, fusible link, extended bonnet
- Temperature: -50°F to +450°F
- Seat Materials: Super Teflon

5400 Series Plug Valve Lined and Non-Lined

Plug valve, lined and non-lined, blow-out proof stem, teflon seated, PFA lined



- Sizes: 1/2" - 24"
- Body Material: WCB, 316, A105
- Trim Material: Chrome, 316
- Port: Reduced Port
- End Connection: Butt Weld, Socket Weld
- Pressure: up to 6000 psi
- Options: NACE, extended bonnet, vented ball, fusible link, limit switch, automation with accessories
- Temperature: -20°F to +550°F
- Seat Materials: Teflon, PFA lined

Flanged Valves

DM2500 Series ANSI 150, Direct Mount

Direct mount, blowout proof stem, silicone-free, anti-static, heat codes stamped on body, locking handle, live-loaded packing



- Sizes: 1/2" - 12"
- Body Material: 316, WCB, and alloys
- Trim Material: 316, 304, and alloys
- Port: Full Port
- End Connection: ANSI 150, DIN Flanges
- Pressure: 285 psi carbon; 275 psi stainless
- Options: Extended bonnet, steam jacket, chainwheel, fusible link
- Temperature: -20°F to +550°F
- Seat Materials: Super Teflon, RPTFE Carbon, Carbon PEEK, Metal Seated

DM2500 Series ANSI 300, Direct Mount

Direct mount, blow-out proof stem, silicone-free, anti-static, heat codes stamped on body, locking handle, live-loaded packing



- Sizes: 1/2" - 12"
- Body Material: 316, WCB, and alloys
- Trim Material: 316, 304, and alloys
- Port: Full Port
- End Connection: ANSI 300, DIN Flanges
- Pressure: 740 psi carbon; 720 psi stainless
- Options: Extended bonnet, steam jacket, chainwheel, fusible link
- Temperature: -20°F to +550°F
- Seat Materials: Super Teflon, RPTFE Carbon, Carbon PEEK, Metal Seated

2500 Series, Teflon Impregnated ANSI 150, Direct Mount

Teflon impregnated internal and external surfaces for corrosive conditions, resistant to internal build up or adhesive product, anti blow-out proof stem.



- Sizes: 1/2" - 12"
- Body Material: 316
- Trim Material: 316
- Port: Full Port
- End Connection: ANSI 150
- Pressure: 285 psi carbon; 275 psi stainless
- Options: Extended bonnet, steam jacket, chainwheel, fusible link, direct mount
- Temperature: -20°F to +500°F
- Seat Materials: Super Teflon

OBDM2500 Series ANSI 150 Flanged V-Ball Control Valve

Direct mount, flanged v-ball, stainless or carbon steel, self-adjusting packing, blow-out proof stem design, silicone-free. and heat code stamped on valve body



- Sizes: 1/2" - 12"
- Body Material: WCB, 316, Alloy 20, Duplex, Hastelloy, Monel
- Trim Material: 316
- Port: Full Port
- End Connection: ANSI 150
- Pressure: 275 psi
- Options: Automation, chainwheel, fusible link, extended bonnet, 30°, 60°, & 90° v-ball
- Temperature: -50°F to +450°F
- Seat Materials: Super Teflon



Flanged Valves

9600F Series Floating Ball, Fire Safe to API 607, 4th Ed.

API 6D certified, API 607, 4th edition, B16.34, ISO 5211, mounting pad, heat codes stamped on body, NACE certified, live-loaded packing



- Sizes: 1/2" - 60"
- Body Material: WCB, 316, A105, 304, 316L, Duplex
- Trim Material: 304, Chrome, 316, Duplex
- Port: Full Port
- End Connection: ANSI 150, 300, 600 RF, 600 RTJ, SW, BW, DIN Flanges
- Pressure: up to 1440 psi
- Options: Fusible link, extended bonnet, chainwheel, automation
- Temperature: -20°F to +550°F
- Seat Materials: Teflon, Reinforced teflon, Carbon PEEK, Carbon

DM9900F Series Direct Mount Segmented V Control Valve

Spring loaded, removable seat, replaces globe valves and general ball valves, face-to-face interchangeability, live-loaded packing, high Cv flow rate



- Sizes: 1" - 14" (1" - 4" direct mount; 6" - 14" nondirect mount)
- Body Material: WCB, 316, 316L, & Alloy materials
- Trim Material: 316, alloys
- Port: Reduced and Full Port
- End Connection: ANSI 150, 300 and wafer
- Pressure: 740 psi carbon; 720 psi stainless
- Options: 15°, 30°, 60° ball
- Temperature: -20°F to +1000°F
- Seat Materials: Teflon, Reinforced teflon, Metal Seated

9700F Series Trunnion Valves Block & Bleed Valves

API 6D, blow-out proof stem, fire safe to API 607, 4th edition, NACE certified, live-loaded packing



- Sizes: 1/2" - 60"
- Body Material: WCB, 316, A105, Duplex
- Trim Material: 304, Chrome, 316, Duplex
- Port: Full Port, Reduced Port
- End Connection: Butt Weld, Socket Weld, ANSI 150, 300, 600, 1500, 2500, RF, RTJ, DIN Flanges
- Pressure: up to 6000 psi
- Options: NACE, extended bonnet, vented ball, fusible link, limit switch, automation with accessories
- Temperature: -20°F to +550°F
- Seat Materials: Carbon, Nylon, Teflon, RPTFE, Carbon PEEK

9800F Series Trunnion Valves Metal Seated Valves

API 6D, blow-out proof stem, fire safe to API 607, 4th edition, NACE certified



- Sizes: 1/2" - 60"
- Body Material: WCB, 316, A105, Duplex
- Trim Material: 304, Chrome, 316, Duplex
- Port: Full Port, Reduced Port
- End Connection: Butt Weld, Socket Weld, ANSI 150, 300, 600, 1500, 2500, RF, RTJ, DIN Flanges
- Pressure: up to 6000 psi
- Options: NACE, extended bonnet, vented ball, fusible link, limit switch, automation with accessories
- Temperature: -20°F to +550°F
- Seat Materials: 410 SS, Stellite, and other alloy materials

Three Way Valves

3T/3L3600 Series T Port, L Port

Direct mount, cavity-filled, positive shutoff, in-line repairable, blow-out proof stem, 10Ra finish, live-loaded packing



- Sizes: 1/4" - 6
- Body Material: 316, Alloy 20, Duplex, Monel, Hastelloy C
- Trim Material: 316, Alloy 20, Duplex, Monel, Hastelloy C
- Port: Full Port
- End Connection: Tri-clamp, Butt-Weld, Tube
- Pressure: 800 psi
- Options: Automation with accessories, limit switch, locking handle, stem extension
- Temperature: -20°F to +400°F
- Seat Materials: PTFE

DM3L/3T2A23FTTF1 Series T Port, L Port

Direct mount, self adjusting packing, blow-out proof stem, silicone-free, four seats, positive shutoff, in-line repairable



- Sizes: 1/2" - 10"
- Body Material: 316, WCB and alloys
- Trim Material: 316, 17-4
- Port: Full Port
- End Connection: NPT ends, SW, BW, ANSI 150 & 300, DIN Flanges
- Pressure: up to 720 psi
- Options: 45° handle, automation with accessories, locking handle, stem extension
- Temperature: -20°F to +550°F
- Seat Materials: Super Teflon, Carbon, Carbon PEEK, UHMPHE, Metal Seated

DM4LL/4T-2A33FTTF150 Series X Port, Double L, 4 Way

Direct mount, self adjusting packing, blow-out proof stem, silicone-free, four seats, positive shutoff, in-line repairable, live-loaded packing



- Sizes: 1/2" - 10"
- Body Material: 316, WCB and alloys
- Trim Material: 316, 17-4 Stem
- Port: Full Port
- End Connection: NPT ends, SW, BW, ANSI 150 & 300, DIN Flanges
- Pressure: up to 720 psi
- Options: 45° handle, automation with accessories, limit switch, locking handle
- Temperature: -20°F to +550°F
- Seat Materials: Super Teflon, Carbon, Carbon PEEK, Metal-Seated, UHMPHE

DM5LL/5T2A33FTTF150 Series X Port, Double L, 5 Way

Direct mount, self adjusting packing, blow-out proof stem, silicon free, five seats, positive shutoff, in-line repairable, live-loaded packing



- Sizes: 1/2" - 10"
- Body Material: 316, WCB, and alloys
- Trim Material: 316, 17-4
- Port: Full Port
- End Connection: NPT ends, SW, BW, ANSI 150 & 300, DIN Flanges
- Pressure: up to 720 psi
- Options: 45° handle, automation with accessories, limit switch, locking handle
- Temperature: -20°F to +550°F
- Seat Materials: Super Teflon, Carbon, Carbon PEEK, Metal Seated, UHMPHE

Three Way Valves

DM5100/5200 Series T Port / L Port Three Way

Direct mount, self adjusting packing, blow-out proof stem, silicon free, four seats, positive shutoff, live-loaded packing



- Sizes: 1/4" - 2"
- Body Material: 316
- Trim Material: 316
- Port: Full Port
- End Connection: NPT ends, metric, socket weld, butt weld
- Pressure: 800 psi
- Options: 45° handle, automation, limit switch, locking handle
- Temperature: -20°F to +550°F
- Seat Materials: Teflon, Carbon

BE3L/3T2A33FTTF1 Series Bottom Entry, T Port / L Port

Two seat, position shutoff, blow-out proof stem, silicone-free, live-loaded packing



- Sizes: 1/2" - 6"
- Body Material: 316
- Trim Material: 316
- Port: Full Port
- End Connection: ANSI 150, 300, & 600 DIN Flanges, Socket Weld, Butt Weld
- Pressure: up to 1440 psi
- Options: 45° handle, automation, limit switch, locking handle, chainwheel, stem extension
- Temperature: -20°F to +550°F
- Seat Materials: Teflon, Carbon

DM5400/5300 Series Side Entry, T Port, L Port

Direct mount, four seat design, positive shut off, silicone free, in-line repairable, live-loaded packing



- Sizes: 2-1/2" - 4"
- Body Material: WCB, 316, and alloys
- Trim Material: 316
- Port: Full Port
- End Connection: NPT, metric, Butt Weld, Socket Weld
- Pressure: 800 psi
- Options: 45° handle, automation, limit switch, locking handle, limit switch, extended stem
- Temperature: -20°F to +550°F
- Seat Materials: Super Teflon, Carbon, Carbon PEEK, UHMPHE, Metal Seated

DM3L/3T6600 Series Side Entry, T Port, L Port

Direct mount, positive shut off, silicone free, 3 ports may be used as a block or flow port, blow-out proof stem



- Sizes: 1/4" - 3"
- Body Material: Bronze
- Trim Material: Chrome
- Port: Reduced Port, Full Port
- End Connection: NPT, metric
- Pressure: 400 psi
- Options: 45° handle, automation, limit switch, locking handle, limit switch
- Temperature: -20°F to +550°F
- Seat Materials: Teflon

Three Piece Valves

DM4500 Series

Direct mount, live-loaded packing blow-out proof stem, anti-static, heat code stamped on body, silicone free, in-line repairable



- Sizes: 1/4" - 4"
- Body Material: 316, WCB, Alloy 20, Duplex, Monel, Hastelloy C
- Trim Material: 316, Alloy 20, Hastelloy C, Monel, Duplex
- Port: Full Port
- End Connection: NPT, Socket Weld, Butt Weld, Flanged 150 & 300, DIN Flanges, metric threads
- Pressure: 1000 psi
- Options: Stem extension, locking device, automation, limit switch, oval handles
- Temperature: -29°F to +550°F
- Seat Materials: Teflon, UHMPHE, Carbon

DM4600 Series

Direct mount, live-loaded packing, blow-out proof stem, anti-static, seats encapsulated, heat code stamped on body, silicone free



- Sizes: 1/4" - 2-1/2"
- Body Material: 316, WCB, Alloy 20, Duplex, Monel, Hastelloy C
- Trim Material: 316, Alloy 20, Hastelloy C, Monel, Duplex
- Port: Full Port
- End Connection: NPT, Socket Weld, Butt Weld, Flanged 150 & 300, DIN Flanges, metric threads
- Pressure: 2000 psi
- Options: Stem extension, locking device, automation limit switches, oval handles, fusible link
- Temperature: -29°F to +550°F
- Seat Materials: Teflon, Carbon, Carbon PEEK, UHMPHE, Vespel, Metal Seated

DMCF7300 Series Direct Mount Tri-Clamp Valve with 10Ra finish

Direct mount, blow-out proof stem, cavity filled, sanitary three piece valve, live-loaded packing



- Sizes: 1/4" - 4"
- Body Material: 316, WCB, Alloy 20, Duplex, Monel, Hastelloy C
- Trim Material: 316, Alloy 20, Duplex, Monel, Hastelloy C
- Port: Full Port
- End Connection: Tri-clamp, Butt Weld, Tube
- Pressure: 1000 psi
- Options: Stem extension, locking device, automation, limit switch
- Temperature: -20°F to +325°F
- Seat Materials: Teflon, Carbon PEEK, UHMPHE, Vespel

CV60DM4600 Series Direct Mount V Ball

Direct mount, live-loaded packing, characterized control valve, blow-out proof stem, anti-static



- Sizes: 1/4" - 4"
- Body Material: 316, WCB, Alloy 20, Duplex, Monel, Hastelloy C
- Trim Material: 316, Alloy 20, Duplex, Monel, Hastelloy C
- Port: Full Port
- End Connection: NPT, Socket Weld, Butt Weld, Flanged 150 & 300, DIN Flanges, metric threads
- Pressure: 2000 psi
- Options: 15°, 30°, 60° ball
- Temperature: -29°F to +550°F
- Seat Materials: Teflon, Carbon, Carbon PEEK, UHMPHE, Vespel, Metal Seated

Two Piece Valves

3900F Series 3000 psi Valve

Adjustable packing, heat codes stamped on body, silicone-free, blow-out proof stem, ISO mounting pad, seal-welded body



- Sizes: 1/4" - 2"
- Body Material: 316, WCB
- Trim Material: 316, 17-4 stem
- Port: Full Port (1/4"-1-1/2"); Reduced Port (2")
- End Connection: NPT ends, metric, socket weld
- Pressure: 3000 psi
- Options: locking handle, stem extension, oval handle
- Temperature: -29°F to +600°F
- Seat Materials: Delrin, PEEK, Carbon PEEK

3500F Series 2000 psi Valve

Adjustable packing, heat codes stamped on body, silicone-free, blow-out proof stem, ISO mounting pad, anti-static



- Sizes: 1/4" - 2"
- Body Material: 316
- Trim Material: 316, 17-4 stem
- Port: Full Port
- End Connection: NPT, metric
- Pressure: 2000 psi
- Options: locking handle, stem extension, limit switch, oval handle
- Temperature: -29°F to +550°F
- Seat Materials: Carbon, Reinforced Teflon

3700 Series 1000 psi Valve

Adjustable packing, heat codes stamped on body, silicone-free, blow-out proof stem, anti-static stem



- Sizes: 1/4" - 3"
- Body Material: 316
- Trim Material: 316
- Port: Full Port
- End Connection: NPT, metric
- Pressure: 1000 psi
- Options: locking handle, stem extension, limit switch, oval handle
- Temperature: -29°F to +325°F
- Seat Materials: Teflon, Reinforced Teflon

DM3800F Series 1000 psi Valve

Direct mount, live loaded packing, silicone free, blow-out proof stem, heat codes stamped on valve, anti-static stem



- Sizes: 1/4" - 3"
- Body Material: 316
- Trim Material: 316
- Port: Full Port
- End Connection: NPT, metric
- Pressure: 1000 psi
- Options: Locking handle, stem extension, automation, limit switch
- Temperature: -29°F to +550°F
- Seat Materials: Teflon, Carbon

Two Piece Valves

6800 Series In Line Check Valves

High capacity, soft seat for bubble tight shutoff, spring loaded, NSF 61 certified, silicone-free, UL Approved



- Sizes: 1/4" - 4"
- Body Material: Forged Brass
- Trim Material: 304
- Port: Full Port
- End Connection: NPT ends, metric threads
- Temperature: -10°F to +400°F
- Seat Materials: Teflon, Buna, Viton, Carbon

VT110FTTS Series

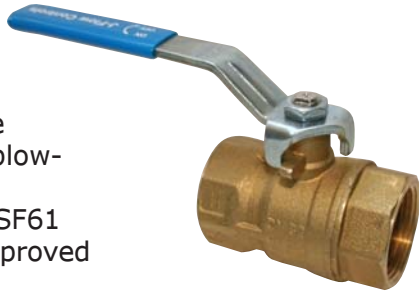
Vented ball, full flow, adjustable stem packing, blow-out proof stem, silicone-free, NSF61 Certified, UL Approved



- Sizes: 1/4" - 1"
- Body Material: Forged Brass
- Trim Material: Chrome
- Port: Full Port
- End Connection: NPT, metric threads, solder ends
- Pressure: 150 psi
- Options: locking handle, stem extension, oval handle, T handle
- Temperature: 14°F to +212°F
- Seat Materials: Teflon

110FTTS Series

Vented ball, full port, adjustable stem packing, blow-out proof stem, silicone-free, NSF61 Certified, UL Approved



- Sizes: 1/4" - 4"
- Body Material: Forged Brass
- Trim Material: 304, Chrome
- Port: Full Port
- End Connection: NPT, metric, solder ends
- Pressure: 600 wog
- Options: locking handle, stem extension, oval handle, T handle
- Temperature: -20°F to +325°F
- Seat Materials: Teflon

DM110FTTS Series

Direct mount, triple stem seal, blow-out proof stem, ISO 5211, silicone free



- Sizes: 1/4" - 4"
- Body Material: Forged Brass
- Trim Material: 304, Chrome
- Port: Full Port
- End Connection: NPT
- Pressure: 600 wog
- Options: Automation and accessories
- Temperature: -20°F to +325°F
- Seat Materials: Teflon

Automation

54 Series NEMA 7 Limit Switch



- Visual Position Indicator
- "Quick-Set" Cam: Limit Switch adjustment cams are splined and spring loaded, the switch cam position can be quickly adjusted without tools (closed - up, open - down)
- Multipoint Terminal Strip: Terminal strip number with 8 contacts is standard for micro switches.
- Dual Wire Potting - Dual 1/2" conduit entries
- Captive Cover Bolts - Designed to be captive by the cover
- Easy Mounting Bracket: Any actuator for rotary motion can be easily mounted in ISO 5211

53 Series NEMA 4 Limit Switch



- Visual Position Indicator
- "Quick-Set" Cam: Limit Switch adjustment cams are splined and spring loaded, the switch cam position can be quickly adjusted without tools (closed - up, open - down)
- Multipoint Terminal Strip: Terminal strip number with 8 contacts is standard for micro switches.
- Dual Wire Potting - Dual 1/2" conduit entries
- Captive Cover Bolts - Designed to be captive by the cover
- Easy Mounting Bracket: Any actuator for rotary motion can be easily mounted in ISO 5211

57 Series 4-20 Positioner

Nema 4, Nema 7, 4-20 i
4-20 out, positioner



- Rugged aluminum housing with a triple corrosion-resistant interior and exterior coating that resists harsh environments
- Bleed pilot valve reduces air consumption by more than 50%
- Precise calibration with simple SPAN and ZERO adjustments
- Unique magnetic 4-20mA I/P converter provides automatic compensation for supply pressure, atmospheric pressure and ambient temperature changes, and is unaffected by EMF
- Stainless steel gauges standard

58 Series 3-15 Positioner

Direct mount, triple
stem seal, blow-out
proof stem, ISO 5211,
silicone free



- Sizes: 1/4" NPT supply outlet; 1/8" gauge ports
- NEMA 4, 4X
- Input signal 3-15 psig, split range available
- Stroke range: 0 to 90°
- Supply range: 20 to 100 psig
- Operating temperature: -4 to +158°F

J-Flow Controls, LLC

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