



OVC

OHIO VALVE COMPANY

GENERAL PRODUCTS BROCHURE

(888) 433-1433

OHIOVALVE.COM
SALES@OHIOVALVE.COM

FULL PORT - BALL VALVES



STAINLESS STEEL

SIZES	1/2" - 6"	
	CLASS	FIGURE #
Pressures	150	266F150
	150	266F150DM
	300	266F300
Material	CF8M	
Ends	Flanged	
Trim	TFM 1600 Seats; PTFE Packing	
Features	Locking Device; ISO 5211 Mounting Pad; Pressure Relief Vent on Ball; Lever & Worm Gears	



CARBON STEEL

SIZES	1/2" - 6"	
	CLASS	FIGURE #
Pressures	150	256F150
	300	256F300
Material	A216 WCB	
Ends	Flanged	
Trim	TFM 1600 Seats; 316 Stainless Steel Trim; PTFE Packing	
Features	Locking Device; ISO 5211 Mounting Pad; Pressure Relief Vent on Ball; Lever & Worm Gears	

FULL PORT - BALL VALVES

FIRE SAFE



STAINLESS STEEL

SIZES	1/2" - 12"	
	CLASS	FIGURE #
Pressures	150	266F150FS
	300	266F300FS
	600	266F600FS
Material	CF8M	
Ends	Flanged	
Trim	TFM 1600 Seats; API 641 Low-Emission Graphite Packing - 100 ppm; NACE MR0103 / MR0175; API 607 Fire Safe Design; ABS Certified	
Features	Locking Device; ISO 5211 Mounting Pad; Anti-Static Device; Pressure Relief Vent on Ball; Lever & Worm Gear; HNBR O-Rings on all 600# Designs	

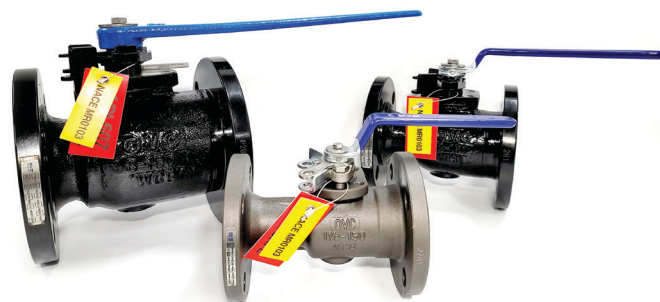


CARBON STEEL

SIZES	1/2" - 12"	
	CLASS	FIGURE #
Pressures	150	256F150FS
	300	256F300FS
	600	256F600FS
Material	A216 WCB	
Ends	Flanged	
Trim	TFM 1600 Seats; 316 Stainless Steel Trim; API 641 Low-Emission Graphite Packing - 100 ppm; NACE MR0103 / MR0175; API 607 Fire Safe Design; ABS Certified	
Features	Locking Device; ISO 5211 Mounting Pad; Anti-Static Device; Pressure Relief Vent on Ball; Lever & Worm Gear; HNBR O-Rings on all 600# Designs	

REDUCED PORT - BALL VALVES

FIRE SAFE



STAINLESS STEEL

SIZES	1" - 6"	
	CLASS	FIGURE #
Pressure	150	166R150FS
Material	CF8M	
Ends	Flanged	
Trim	TFM 1600 Seats; API 641 Low-Emission Graphite Packing - 100 ppm; NACE MR0103 / MR0175; API 607 Fire Safe Design; ABS Certified	
Features	Locking Device; ISO 5211 Mounting Pad; Anti-Static Device; Pressure Relief Vent on Ball; Lever & Worm Gear; Uni-Body Design	

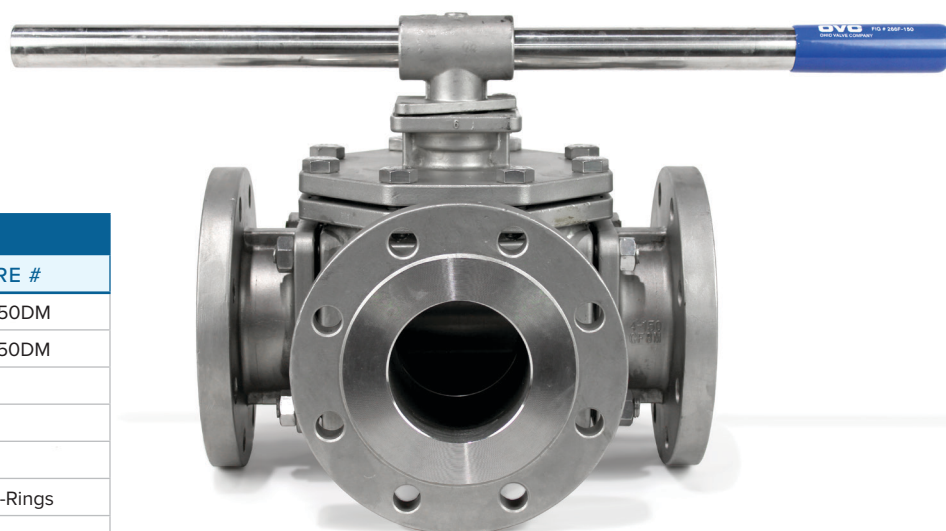
CARBON STEEL

SIZES	1" - 6"	
	CLASS	FIGURE #
Pressure	150	156R150FS
Material	A216 WCB	
Ends	Flanged	
Trim	TFM 1600 Seats; 316 Stainless Steel Trim; API 641 Low-Emission Graphite Packing - 100 ppm; NACE MR0103 / MR0175; API 607 Fire Safe Design; ABS Certified	
Features	Locking Device; ISO 5211 Mounting Pad; Anti-Static Device; Pressure Relief Vent on Ball; Lever & Worm Gear; Uni-Body Design	

3-WAY FULL PORT - BALL VALVE

STAINLESS STEEL

SIZES	1 1/2" - 4"	
	CLASS	FIGURE #
Pressures	150	3T66F150DM
	150	3L66F150DM
Material	CF8M	
Ends	Flanged	
Ports	T-Port & L-Port	
Trim	RTFE Seats; RTFE Packing; Viton O-Rings	
Features	Locking Device; ISO 5211 Direct Mounting Pad; Lever	



REDUCED PORT 1-PC - BALL VALVES



STAINLESS & CARBON STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressures	1000 WOG	166RT
	1000 WOG	156RT
Material	CF8M & WCB	
Ends	Threaded	
Trim	316 Stainless Steel Trim; PTFE Packing; RTFE Seats	
Features	Slide Latch Locking Device; 150 PSIG Saturated Steam Rating	

FULL PORT 2-PC - BALL VALVES



STAINLESS & CARBON STEEL

SIZES	1/4" - 4"	
	CLASS	FIGURE #
Pressures	1000 WOG	266FTS
	1000 WOG	256FTS
Material	CF8M & WCB	
Ends	Threaded	
Trim	316 Stainless Steel Trim; PTFE Packing & Seal; RTFE Seats	
Features	Slide Latch Locking Device; Oval Handwheels Available Upon Request; 150 PSIG Saturated Steam Rating	

FULL PORT 2-PC BALL VALVES



STAINLESS & CARBON STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressures	2000-1500 WOG	266FT
	2000-1500 WOG	256FT
Material	CF8M & WCB	
Ends	Threaded	
Trim	316 Stainless Steel Trim; PTFE Packing & Seal; RTFE Seats	
Features	Slide Latch Locking Device; Oval Handwheels Available Upon Request; 150 PSIG Saturated Steam Rating	

FULL PORT 2-PC SEALWELDED BODY



STAINLESS & CARBON STEEL

SIZES	1 1/4" - 2"	
	CLASS	FIGURE #
Pressures	2000 WOG	266FT2W
	2000 WOG	256FT2W
Material	CF8M & WCB	
Ends	Threaded	
Trim	316 Stainless Steel Trim; PTFE Packing & Seal; RTFE Seats	
Features	Slide Latch Locking Device; Oval Handwheels Available Upon Request; 150 PSIG Saturated Steam Rating	

FULL PORT 2-PC FS SEALWELDED BODY

FIRE SAFE



STAINLESS STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressures	2000-1500 WOG	266FTW (FS)
Material	CF8M	
Ends	Threaded	
Trim	316 Stainless Steel Trim; Graphite Packing; RTFE Seats	
Features	Slide Latch Locking Device; Fire Safe; NACE MR0175; Oval Handwheels Available Upon Request; 150 PSIG Saturated Steam Rating	

FULL PORT 2-PC BRASS - BALL VALVES



FORGED BRASS

SIZES	1/4" - 4"	
	CLASS	FIGURE #
Pressures	600 WOG	200BRFTLH
	400 WOG	200BRFT 2 1/2" - 4"
Material	Brass	
Ends	Threaded	
Trim	Brass Stem; Chrome Plated Copper Ball; PTFE Packing & Seats	
Features	150 PSIG Saturated Steam Rating; UL & CSA Listed up through 2" @ 400 WOG; Up through 4" Rated @ 250 WOG; Slide Latch Locking Device through 2"	

FULL PORT 3-PC - BALL VALVES



STAINLESS & CARBON STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressures	1000 WOG	366FT & 366FW & 366FTxS
	1000 WOG	356FT & 356FW & 356FTxS
Material	CF8M & WCB	
Ends	Threaded & Socketweld & THD x SWE	
Trim	316 Stainless Steel Trim; PTFE Packing & Seal; RTFE Seats	
Features	Slide Latch Locking Device; ISO 5211 Mounting Pad; 150 PSIG Saturated Steam Rating	

FULL PORT 3-PC - BALL VALVES

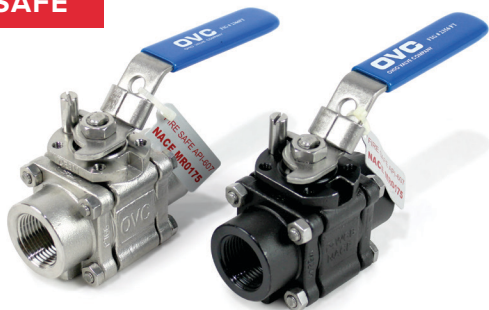


STAINLESS & CARBON STEEL

SIZES	2 1/2" - 4"	
	CLASS	FIGURE #
Pressures	1000 WOG	366FT & 366FW
	1000 WOG	356FT & 356FW
Material	CF8M & WCB	
Ends	Threaded & Socketweld	
Trim	316 Stainless Steel Trim; PTFE Packing & Seal; RTFE Seats	
Features	Slide Latch Locking Device; ISO 5211 Mounting Pad; 150 PSIG Saturated Steam Rating	

FULL PORT 3-PC - BALL VALVES

FIRE SAFE



STAINLESS & CARBON STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressures	2000-1500 WOG	2366FT & 2366FW & 2366FTxS
	2000-1500 WOG	2356FT & 2356FW & 2356FTxS
Material	CF8M & WCB	
Ends	Threaded & Socketweld & THD x SWE	
Trim	316 Stainless Steel Trim; Graphite Packing & Gasket; RTFE Seats	
Features	Slide Latch Locking Device; Fire Safe; NACE MR0175; ISO 5211 Mounting Pad; 150 PSIG Saturated Steam Rating	

FULL PORT 3-PC PEEK SEATED BALL VALVES

FIRE SAFE



STAINLESS & CARBON STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressures	2000-1500 WOG	2366FTP & 2366FWP
	2000-1500 WOG	2356FTP & 2356FWP
Material	CF8M & WCB	
Ends	Threaded & Socketweld	
Trim	316 Stainless Steel Trim; Graphite Packing & Gasket; PEEK Seats good up to 600° F	
Features	Slide Latch Locking Device; Fire Safe; NACE MR0175; ISO 5211 Mounting Pad; 150 PSIG Saturated Steam Rating	

FULL PORT 2-PC FS SEALWELDED BODY

FIRE SAFE



STAINLESS & CARBON STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressures	3600 WOG	3266HP & 3266HPW
	3600 WOG	3256HP & 3256HPW
	6000 WOG	6266HP
	6000 WOG	6256HP
Material	CF8M & WCB	
Ends	Threaded & Socketweld	
Trim	Sealwelded Body Design; 316 Stainless Steel Trim; Graphite Packing & Seal; PEEK Seats	
Features	Slide Latch Locking Device; Fire Safe; NACE MR0175; ISO 5211 Mounting Pad; 250 PSIG Saturated Steam Rating	

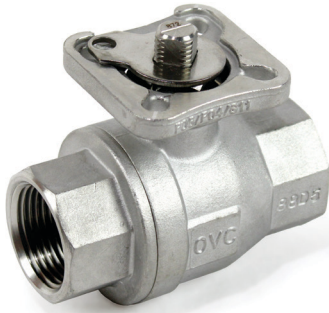
REDUCED PORT 3-WAY BALL VALVES



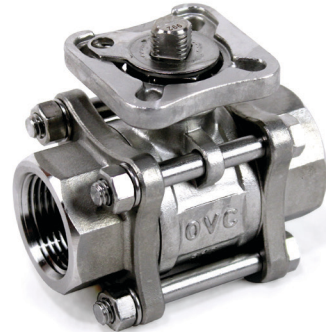
STAINLESS STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressures	1000 WOG	3T66RTDM
	1000 WOG	3L66RTDM
Material	CF8M	
Ends	Threaded	
Ports	T-Port & L-Port	
Trim	RTFE Seats; PTFE Packing & Gasket; Viton O-Rings	
Features	Slide Latch Locking Device; ISO 5211 Direct Mounting Pad; Pressure Relief Vent on Ball; 150 PSIG Saturated Steam Rating	

FULL PORT 2-PC DIRECT MOUNT BALL VALVES



FULL PORT 3-PC DIRECT MOUNT BALL VALVES



STAINLESS STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressure	1000 WOG	266FTDM
Material	CF8M & WCB	
Ends	Threaded	
Trim	316 Stainless Steel Trim; PTFE Packing & Seal; TFM 1600 Seats; Viton O-Ring	
Features	ISO 5211 Direct Mounting Pad; Anti-Static Device; 150 PSIG Saturated Steam Rating	

STAINLESS STEEL

SIZES	1/4" - 4"	
	CLASS	FIGURE #
Pressures	1000 WOG	366FTDM
	1000 WOG	366FWDM
Material	CF8M	
Ends	Threaded & Socketweld	
Trim	316 Stainless Steel Trim; PTFE Packing & Gasket; TFM 1600 Seats; Viton O-Ring	
Features	ISO 5211 Direct Mounting Pad; Anti-Static Device; 150 PSIG Saturated Steam Rating	

TRUNNION MOUNTED BALL VALVES

FIRE SAFE



STAINLESS & CARBON STEEL

SIZES	2" - 24"			
	CLASS	CS X ENP FIGURE #	CS X 316 FIGURE #	316 X 316 FIGURE #
Pressures	150	29FEFDHTR150FS 39FEFDHTR150FS	29F6FDHTR150FS 39F6FDHTR150FS	28F6FPTTR150FS 38F6FPTTR150FS
	300	29FEFDHTR300FS 39FEFDHTR300FS	29F6FDHTR300FS 39F6FDHTR300FS	28F6FPTTR300FS 38F6FPTTR300FS
	600	39FEFDHTR600FS	39F6FDHTR600FS	38F6FPTTR600FS
	900	39FEFDVTR900FS	39F6FDVTR900FS	38F6FDVTR900FS
	1500	39FEFDVTR1500FS	39F6FDVTR1500FS	38F6FDVTR1500FS
Material	A105/LF2 x ENP; A105/LF2 x 316; A182-F316 x 316			
Ends	RF, BW, RTJ			
Trim	3 Mil ENP; 316 Stainless Steel; Devlon, PEEK Seats; HNBR, Viton O-Rings; Teflon Lip Seals O-Rings; Graphite Packing			
Features	API 6D; DBB to API 6D; API 607 Fire Safe; NACE MR0103 & MR0175; Low Emission to API 622 - 100 ppm; Emergency Grease Injector Fittings			

200 WOG THREADED GG&C VALVES



STANDARD PORT FORGED GG&C VALVES



STAINLESS STEEL

SIZES	1/4" - 3"	
	CLASS	FIGURE #
Pressures	200 WOG	SS200GT
	200 WOG	SS200GL
	200 WOG	SS200CK
Material	CF8M	
Ends	Threaded	
Trim	316 Stainless Steel Trim	

STAINLESS STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressures	800#	GASS800TE & GASS800SW
	800#	GLSS800TE & GLSS800SW
	800#	SCSS800TE & SCSS800SW
	800#	PCSS800TE & PCSS800SW
Connection	Bolted Bonnet	
Material	A182 F316L	
Ends	Threaded & Socketweld	
Trim	API Trim 12; NACE MR0103 / MR0175; Graphite Packing & Gasket to API 624 Low-Emission - 100 ppm	
Features	API 602 Design Standard	

STANDARD PORT FORGED GATE, GLOBE & CHECK VALVES



CARBON STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressures	800#	GAN800TE & GAN800SW & GAN800TXS
	800#	GLN800TE & GLN800SW
	800#	SCN800TE & SCN800SW
	800#	PCN800TE & PCN800SW
Connection	Bolted Bonnet	
Material	A105N	
Ends	Threaded & Socketweld & THD x SWE	
Trim	API Trim 8; NACE MR0103 / MR0175; Graphite Packing & Gasket to API 624 Low-Emission - 100 ppm	
Features	API 602 Design Standard	

STANDARD PORT FORGED FLANGED END GATE, GLOBE & CHECK VALVES

CARBON STEEL

SIZES	1/4" - 2"	
	CLASS	FIGURE #
Pressures	150#	GAN150FE
	150#	GLN150FE
	150#	SCN150FE
	150#	PCN150FE
	300#	GAN300FE
	300#	GLN300FE
	300#	SCN300FE
Connection	Bolted Bonnet	
Material	A105N	
Ends	Flanged	
Trim	API Trim 8; NACE MR0103 / MR0175; Graphite Packing & Gasket to API 624 Low-Emission - 100 ppm	
Features	API 602 Design Standard	



API 603 - CAST GATE, GLOBE & SWING CHECK VALVES

STAINLESS STEEL

SIZES	1/2" - 24"		
	CLASS	FIGURE #	FIGURE #
Pressures		TEFLON	GRAPHITE
	150#	SSN150GT	SSN150GRGT
	150#	SSN150GL	SSN150GRGL
	150#	SSN150CK	SSN150GRCK
	300#	SSN300GT	SSN300GRGT
	300#	SSN300GL	SSN300GRGL
	300#	SSN300CK	SSN300GRCK
Connection	Bolted Bonnet		
Material	CF8M		
Ends	Flanged		
Trim	API Trim 10; 150# 8" & Larger API Trim 12; 300# 6" & Larger API Trim 12; NACE MR0103 / MR0175; Low-Emission to API 622 - 100 ppm		
Features	API 603 Design Standard; Available in Both Teflon Packing & Gasket and Graphite Packing & Gasket		



API 600 - CAST GATE, GLOBE & SWING CHECK VALVES



STAINLESS STEEL

SIZES	2" - 36"	
	CLASS	FIGURE #
Pressures	600#	SSN600GRGT
	600#	SSN600GRGL
	600#	SSN600GRCK
	900#	SSN900GRGT
	900#	SSN900GRGL
	900#	SSN900GRCK
	1500#	SSN1500GRGT
	1500#	SSN1500GRGL
	1500#	SSN1500GRCK
Connection	Bolted Bonnet	
Material	CF8M	
Ends	Flanged	
Trim	API Trim 12; NACE MR0103 / MR0175; Graphite Packing & Gasket in Accordance to API 624 Low-Emission - 100 ppm	
Features	API 600 Design Standard	

API 600 - CAST GATE, GLOBE & SWING CHECK VALVES



CARBON STEEL

SIZES	2" - 36"	
	CLASS	FIGURE #
Pressures	150#	CSN150GT
	150#	CSN150GTGO
	150#	CSN150GL
	150#	CSN150CK
	300#	CSN300GT
	300#	CSN300GTGO
	300#	CSN300GL
	300#	CSN300CK
	600#	CSN600GT
	600#	CSN600GTGO
	600#	CSN600GL
	600#	CSN600CK
Connection	Bolted Bonnet	
Material	A216 WCB	
Ends	Flanged	
Trim	API Trim 8; NACE MR0103 / MR0175; Graphite Packing & Gasket in Accordance to API 624 Low-Emission - 100 ppm	
Features	API 600/623/594 Design Standards; 8" and Larger Gates Available with Bevel Gears Operators	



The background of the page features a faded, high-contrast image of industrial valves. Several valves are visible, with labels from the Ohio Valve Company (OVC) clearly legible. One label includes the following information: FIGURE NO., SIZE, BODY, SEAT, CLASS, and WOG. Another label specifies CWP AT 100 °F MAX TEMP and SEAT. A third label shows OVC 6 150 WCB 18807. The OVC logo is also visible on a label. The overall image is in grayscale with a blue tint at the top.

OVC

HIGH PERFORMANCE BUTTERFLY - DOUBLE OFF-SET**FIRE SAFE****NON-FIRE SAFE****STAINLESS STEEL**

SIZES	2" - 36"	
	CLASS	FIGURE #
Pressures	150#	HPSS150LL & HPSS150LG
	150#	HPSS150LLFS & HPSS150LGFS
	300#	HPSS300LL & HPSS300LG
	300#	HPSS300LLFS & HPSS300LGFS
Operator	Lever & Gear	
Material	CF8M	
Ends	Lug	
Trim	316 Stainless Steel Trim; Non-Fire Safe & Fire Safe Design; PTFE+316 SS Seats and RTFE Soft Seats; NACE MR0175; Low-Emission - 50 ppm; ABS Certified	
Features	API 609 Design Standards; Dead End Service; NSF 61 & NSF 372 Certified	

HIGH PERFORMANCE BUTTERFLY - DOUBLE OFF-SET**FIRE SAFE****NON-FIRE SAFE****CARBON STEEL**

SIZES	2" - 36"	
	CLASS	FIGURE #
Pressures	150#	HPCS150LL & HPCS150LG
	150#	HPCS150LLFS & HPCS150LGFS
	300#	HPCS300LL & HPCS300LG
	300#	HPCS300LLFS & HPCS300LGFS
Operator	Lever & Gear	
Material	A216 WCB	
Ends	Lug	
Trim	316 Stainless Steel Trim; Non Fire-Safe & Fire Safe Design; PTFE+316 SS Seats and RTFE Soft Seats; NACE MR0175; Low-Emission - 50 ppm	
Features	API 609 Design Standards; Dead End Service	

RESILIENT SEATED BUTTERFLY VALVES - CARTRIDGE SEAT

DUCTILE IRON

SIZES	2" - 48"	
	ENDS	FIGURE #
Series	Lug	4800, 4802
	Wafer	4100
Operator	Lever & Gear	
Pressure	200 PSI Rated	
Dead End Service	200 PSI through 48"	
Disc Material Offerings	Ductile Iron with Ni-Coating; 316 Stainless Steel; Aluminum Bronze	
Cartidge Seat Offerings	EPDN; Buna-N; Viton; Teflon	
Design Standard	API 609 Cat. A / MSS SP67 Type 1 Compliant	
End Design	ASME B16.42	
Top Flange	ISO 5211	
Test Standard	API 598 Certified	
Potable Water & Lead Free	NSF 61 & NSF 372 Certified	

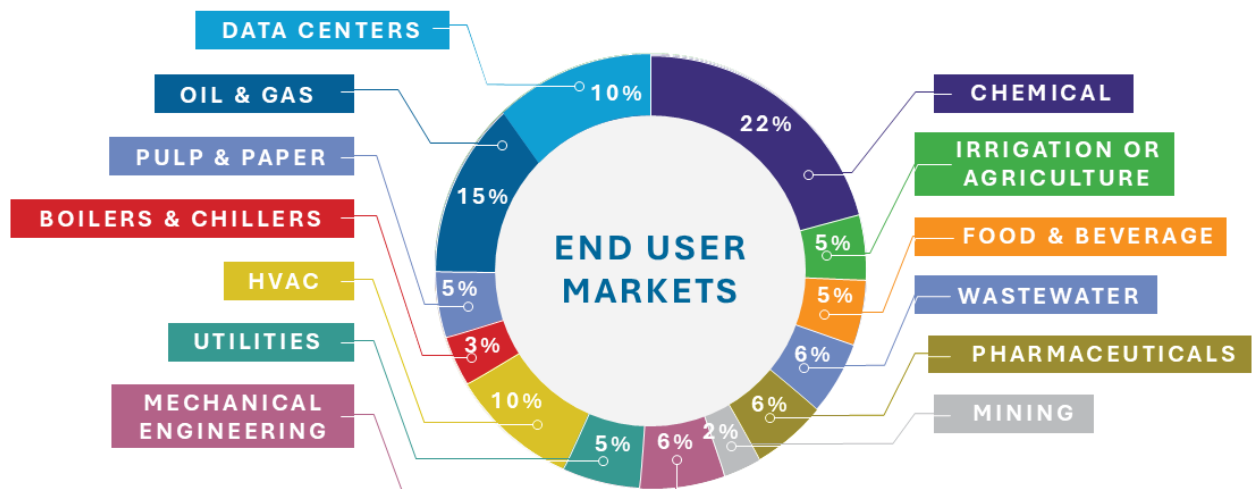


RESILIENT SEATED BUTTERFLY VALVES - VULCANIZED SEAT

DUCTILE IRON

SIZES	2" - 24"	
	ENDS	FIGURE #
Series	Lug	4833, 4832
	Wafer	4133, 4132
Operator	Lever & Gear	
Pressure	300 PSI Rated (up through 24")	
Dead End Service	300 PSI through 12"; 250 PSI through 14" - 24"; *200 PSI through 14" - 24" for Viton Vulcanized Seat	
Disc Material Offerings	Ductile Iron with Ni-Coating; 316 Stainless Steel; Aluminum Bronze	
Vulcanized Seat Offerings	EPDM; Buna-N, Viton*	
Design Standard	API 609 Category A / MSS SP67 Type 1 Compliant; Pinless Stem to Disc Design	
End Design	ASME B16.42	
Top Flange	ISO 5211	
Test Standard	API 598 Certified	
Potable Water & Lead Free	NSF 61 & NSF 372 Certified	





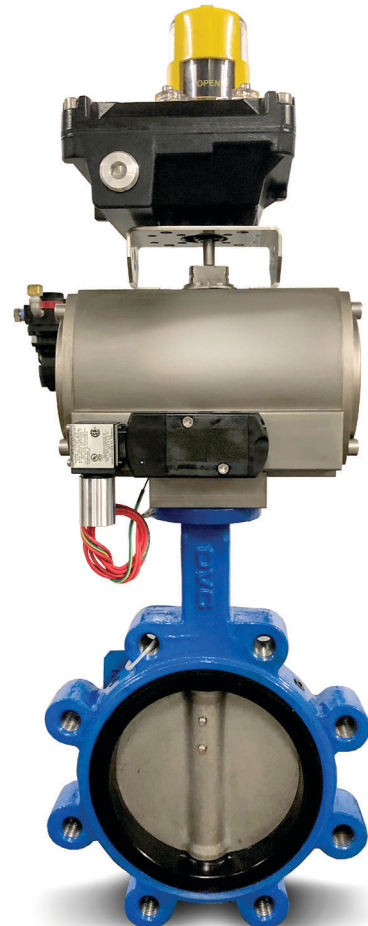
PNEUMATIC ACTUATORS

- Rack & Pinion Design
- Position Indicator Standard
- Hard Anodized Aluminum Extruded Body
- Epoxy Coated Die Cast Aluminum End Caps
- Travel Adjustments Standard
- Double Acting & Spring Return Models
- 90° Rotation
- Optional Available Accessories:
 - NAMUR Mount NEMA 4, 3-Way & 4-Way Solenoid Valves
 - 115VAC & 24VDC Stocked as Standard; Other Voltage and NEMA 7 Available as Option
 - NEMA 4, 4X Limit Switches with Dome Style Indicator Stocked as Standard; NEMA 7 and 3-Way Indication Available as Option



ELECTRIC ACTUATORS

- Made in the USA
- NEMA 4 Enclosure Standard; NEMA 4X, 7, 4 & 7, and 4X & 7 Enclosures Available
- 115VAC Stocked as Standard; 12VDC through 460 VAC/3PH Available
- Manual Overrides Standard on 400# & Above Models
- Dome Style Visual Indicators Standard
- Universal Mounting
- Open/Close Switches Standard; Extra Auxiliary Switches Available
- Polyester Powder Coating Standard; Epoxy Coating & Electroless Nickel Coating Available
- Spring Return Units along with Internal and External Battery Backup System Available
- Available Accessories & Options:
 - Brakes
 - Positioners for Modulation
 - Heater & Thermostat
 - Multi-Position
 - Multi-Turn Actuation Available



IN-HOUSE CAPABILITIES

- Same-Day Shipping on Most Standard Stock Items
- Direct Mount on Flanged, Threaded & Socketweld Ball Valves, Resilient Seated and High Performance Butterfly Valves
- Mounting Brackets and Couplings
- Assembly and Test on All Actuation



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