



OVC

OHIO VALVE COMPANY

GENERAL PRODUCTS BROCHURE

888.433.1433

www.ohiovalve.com

sales@ohiovalve.com

FULL PORT - BALL VALVES



STAINLESS STEEL

Sizes	1/2" - 10"	
	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" - 10"	
	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; Low-Emission Graphite Packing - 100ppm; NACE - MR0103; API 607 Fire-Safe Design	
Features	Locking Device; ISO 5211 Mounting Pad; Anti-Static Device; Pressure Relief Vent on Ball; Lever & Worm Gear. HNBR O-Rings on all 600# design.	



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; Low-Emission Graphite Packing - 100ppm; NACE - MR0103; API 607 Fire-Safe Design	
Features	Locking Device; ISO 5211 Mounting Pad; Anti-Static Device; Pressure Relief Vent on Ball; Lever & Worm Gear. HNBR O-Rings on all 600# design.	

REDUCED PORT - BALL VALVES

FIRE SAFE



STAINLESS STEEL

Sizes	1/2" - 6"	
	Class	Figure #
Pressure	150	166R150FS
Material	CF8M	
Ends	Flanged	
Trim	TFM 1600 Seats; Low-Emission Graphite Packing - 100ppm; NACE - MR0103; API 607 Fire-Safe Design	
Features	Locking Device; ISO 5211 Mounting Pad; Anti-Static Device; Pressure Relief Vent on Ball; Lever & Worm Gear; Uni-body design	

CARBON STEEL

Sizes	1/2" - 6"	
	Class	Figure #
Pressure	150	156R150FS
Material	A216 WCB	
Ends	Flanged	
Trim	TFM 1600 Seats; 316 Stainless Steel Trim; Low-Emission Graphite Packing - 100ppm; NACE - MR0103; API 607 Fire-Safe Design	
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)
	2000-1500 WOG	266FT-NACE
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
	600 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

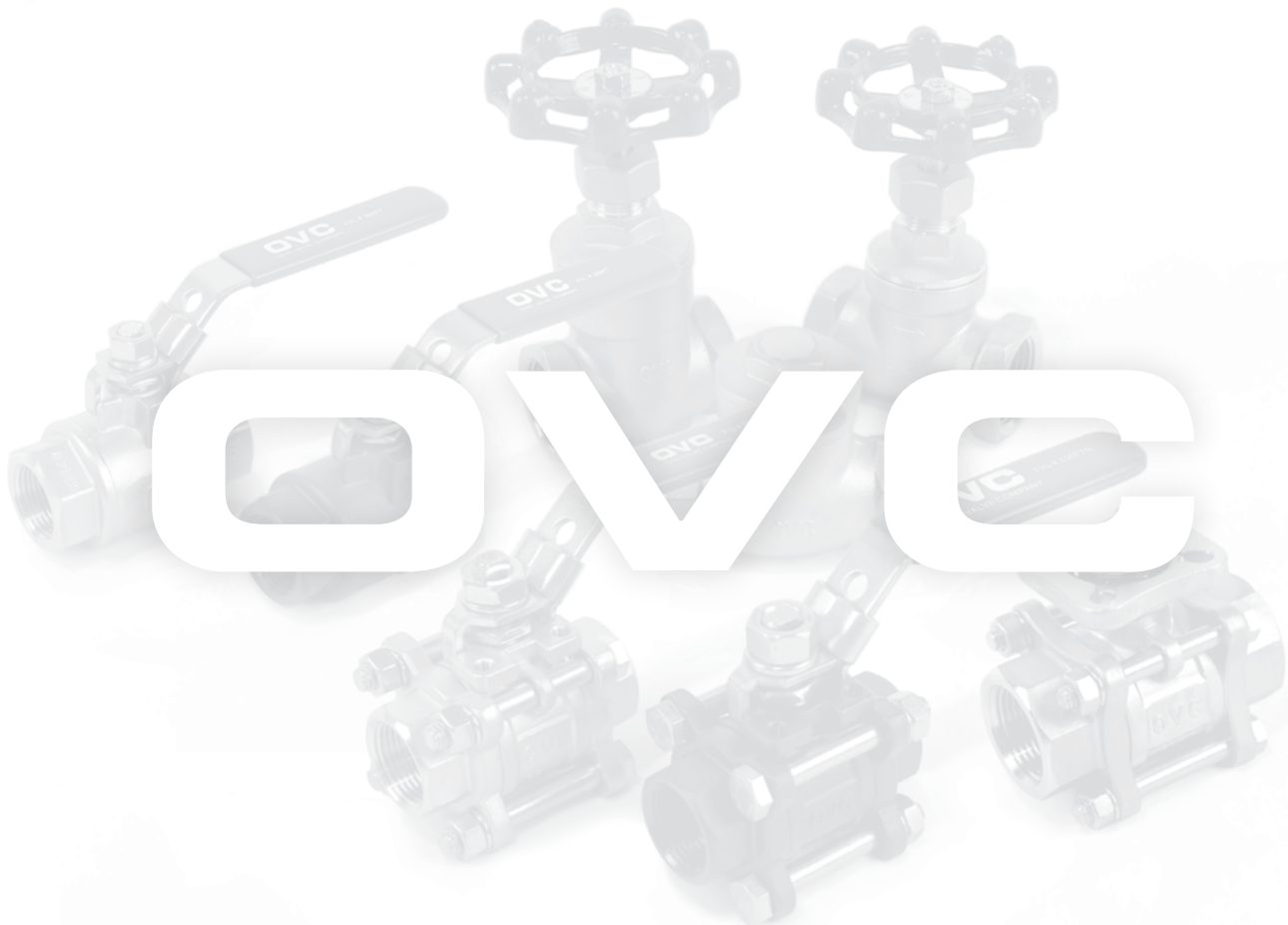


STAINLESS STEEL

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 & Socket Weld	
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	



200 WOG THREADED GG&C



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	

STANDARD PORT FORGED GG&C VALVES



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 622 Low-Emission - 100ppm	
Features	API 602 Design Standard	

STANDARD PORT FORGED GG&C 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 622 Low-Emission - 100ppm	
Features	API 602 Design Standard	

STANDARD PORT FORGED FLANGED END GG&C 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 622 Low-Emission - 100ppm	
Features	API 602 Design Standard	



API 603 - CAST GATE, GLOBE & SWING CHECK VALVES

STAINLESS STEEL

Sizes	1/2" - 24"		
	Class	Figure #	Figure #
		TEFLON	GRAPHITE
Pressures	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 - 100ppm		
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 622 Low-Emission - 100ppm	
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 622 Low-Emission - 100ppm	
Features	API 600-623-594 Design Standards; 8" and Larger Gates available with Bevel Gears Operators	



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FIGURE NO.
SIZE
BODY
SEAT

CLASS

WOG
275
9FMAX
500

ASME B16.34

CWP AT 100 °F MAX TEMP

SEAT

OVC
6
150
WCB
18807

WCB
18807

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
Material	CF8M	
Ends	Lug	
Trim	316 Stainless Steel Trim; Non-Fire-Safe & Fire-Safe Design; PTFE+316SS Seats and RTFE Soft Seats; NACE MRO175; Low-Emission - 50 ppm	
Features	API 609 Design Standards; Lever & Gear Oper.; Dead End Service	

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
Material	A216 WCB	
Ends	Lug	
Trim	316 Stainless Steel Trim; Non-Fire-Safe & Fire-Safe Design; PTFE+316SS Seats and RTFE Soft Seats; NACE MRO175; Low-Emission - 50 ppm	
Features	API 609 Design Standards; Lever & Gear Oper.; Dead End Service	

RESILIENT SEATED BUTTERFLY VALVES

DUCTILE IRON

Sizes	2" - 36"	
	Class	Figure #
Pressures	200 & 150#	4800
	200 & 150#	4100
Material	Ductile Iron	
Ends	Lug & Wafer	
Trim	Disc: Ni-Coated Ductile Iron; 316 Stainless; Bronze Seats: EPDM; Buna-N; Teflon; Viton 416 Stainless Steel Stem	
Features	API 609 Design Standard; Lever & Gear Oper.; 2" - 12" 200 PSI 14" & Larger 150 PSI; Dead End Service; All Teflon Seated Valves 150 PSI	

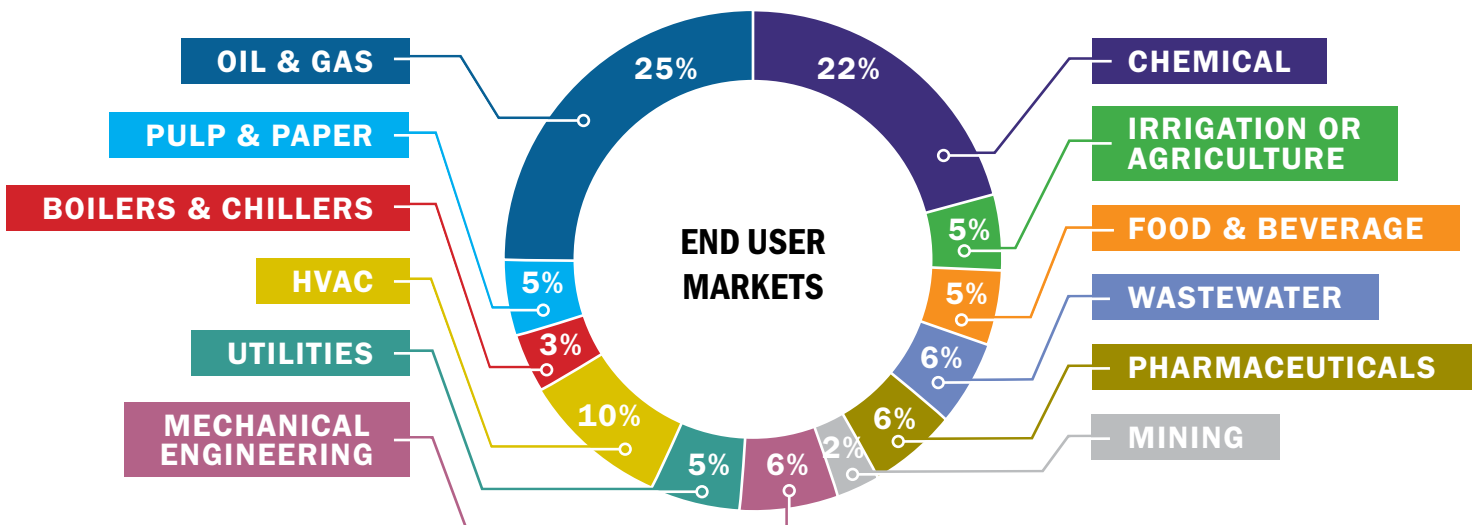


RESILIENT SEATED - SHORT NECK BUTTERFLY VALVES

DUCTILE IRON

Sizes	2" - 12"	
	Class	Figure #
Pressures	200#	6800
	200#	6100
Material	Ductile Iron	
Ends	Lug & Wafer	
Trim	Disc: Ni-Coated Ductile Iron; 316 Stainless; Bronze Seats: EPDM; Buna-N; Teflon; Viton 416 Stainless Steel Stem	
Features	API 609 Design Standard; Lever & Gear Oper.; Double "D" Stem	





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 Degree 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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GENERAL PRODUCTS BROCHURE

www.ohiovalve.com

sales@ohiovalve.com

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DENVER, CO

(303) 321-4722

RIVERSIDE, CA

(800) 589-7795

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888.433.1433

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