

Butterfly Valve with Grooved types

- Disc electroless nickel coated ductile iron
- Bubble tight shut-off
- Resilient seat
- Valve face-to-face dimensions comply with AWWA (c606) & MSS-SP-67
- Completely assembled and tested, ready for installation
- VIC-300 Masterseal is manufactured by the Victaulic Company.



5-year warranty



Type overview

Type	DN
F750VIC	50

Technical data

Functional data	Valve size [mm]	2" [50]
	Fluid	chilled or hot water, up to 60% glycol
	Fluid Temp Range (water)	-30...120°C [-22...250°F]
	Body Pressure Rating	ANSI Class Grooved AWWA, 300 psi
	Flow characteristic	modified linear
	Leakage rate	0%
	Pipe connection	Grooved ANSI/AWWA (c606)
	Servicing	maintenance-free
	Flow Pattern	3-way Mixing/Diverting
	Controllable flow range	90° rotation
	Cv	115
	Maximum Velocity	20 FPS
Materials	Valve body	Ductile cast iron ASTM A536
	Body finish	black alkyd enamel
	Stem	416 stainless steel
	Stem seal	fiberglass with TFE lining
	Seat	EPDM
	Disc	electroless nickel coated ductile iron
Suitable actuators	Non Fail-Safe	GMB(X)
	Spring	AF 2*AFB(X)

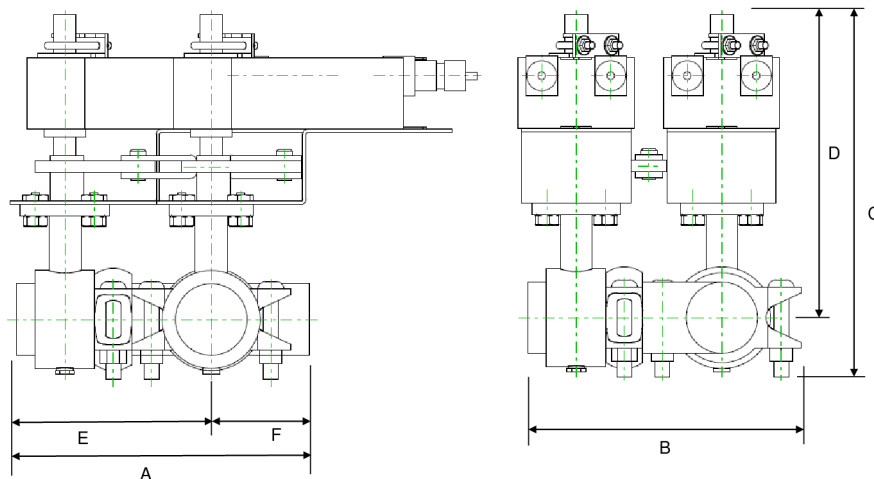
Product features

Flow/Mounting details



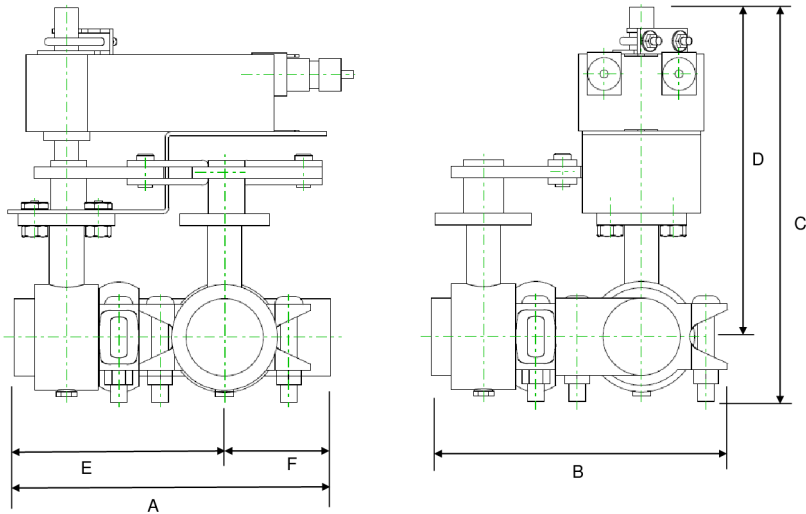
Dimensions

Type	DN	Weight
F750VIC	50	30 lb [14 kg]



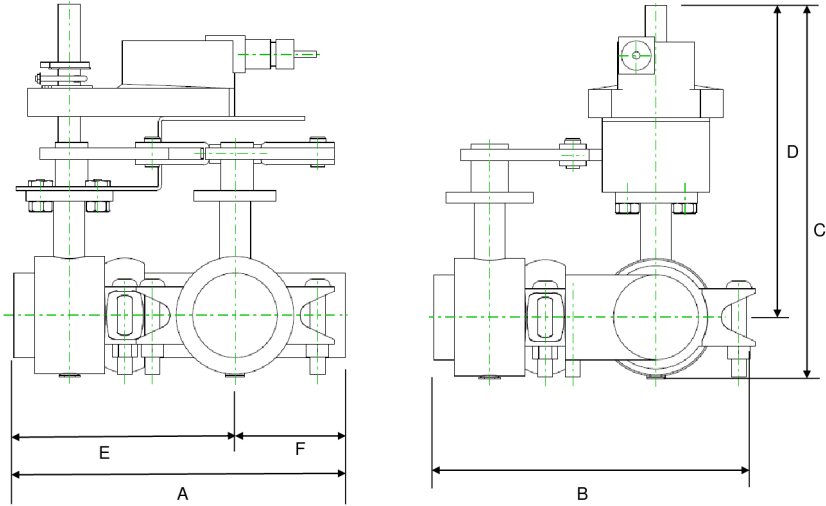
2AF

A	B	C	D	E	F
15.3" [388]	9.1" [231]	11.6" [294]	9.8" [248]	6.5" [165]	3.3" [85]



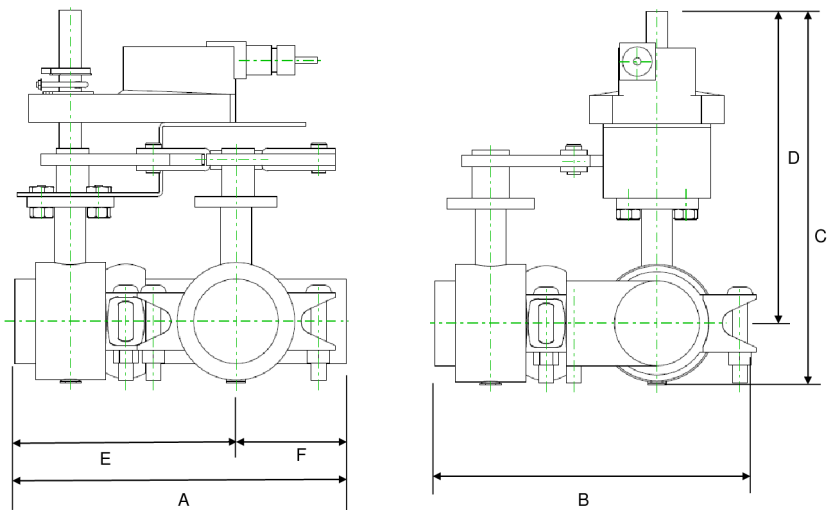
AF

A	B	C	D	E	F
10.4" [264]	9.1" [231]	11.9" [302]	10.1" [256]	6.5" [165]	3.3" [85]



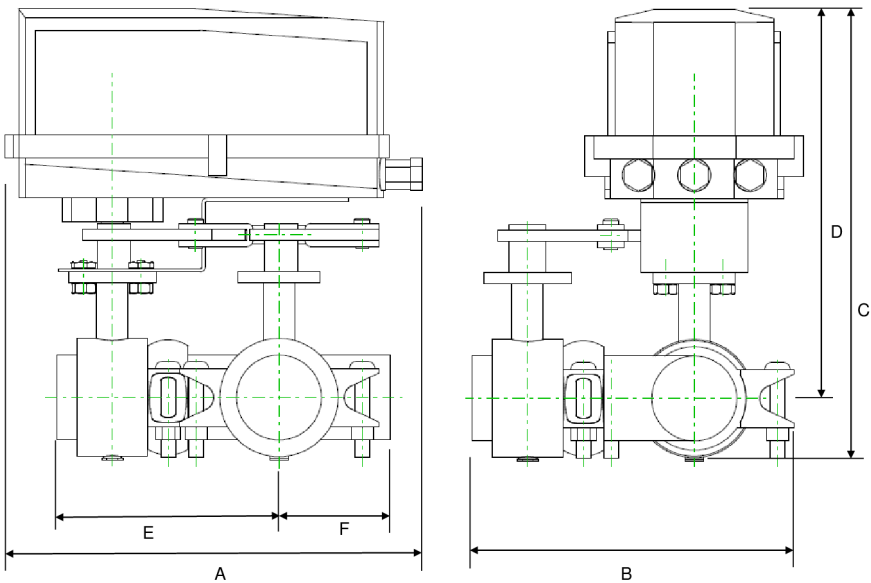
AM

A	B	C	D	E	F
9.7" [246]	9.1" [231]	11.9" [302]	10.1" [256]	6.5" [165]	3.3" [85]



GM

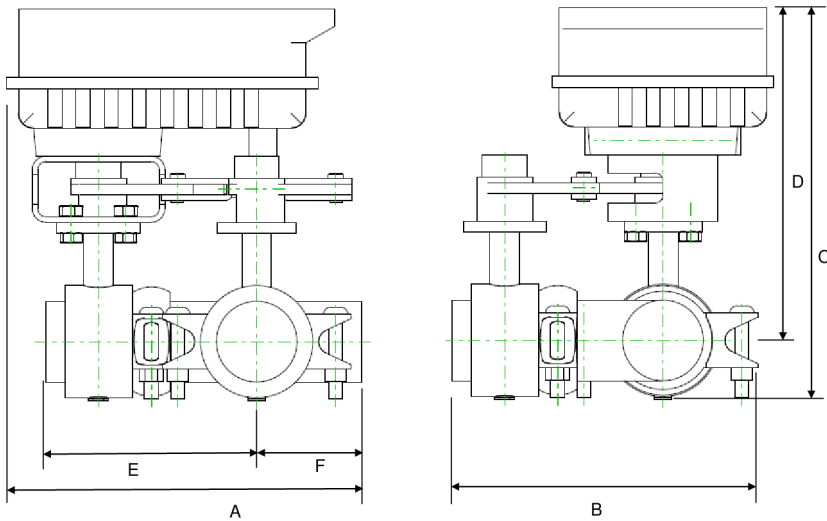
A	B	C	D	E	F
9.7" [246]	9.1" [231]	11.9" [302]	10.1" [256]	6.5" [165]	3.3" [85]



GM N4

A	B	C	D	E	F
14.1" [358]	9.1" [231]	14.5" [368]	12.7" [323]	6.5" [165]	3.3" [85]

Dimensions



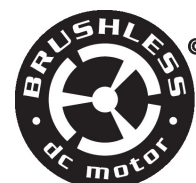
PRB(X)

A	B	C	D	E	F
12.0" [304]	9.1" [231]	13.2" [335]	11.4" [290]	6.5" [165]	3.3" [85]

Modulating, Non fail-safe, 100...240 V



5-year warranty



Technical data

Electrical data	Nominal voltage	AC 100...240 V
	Nominal voltage frequency	50/60 Hz
	Nominal voltage range	AC 85...265 V
	Power consumption in operation	6 W
	Power consumption in rest position	2 W
	Electrical Connection	1/2" NPT conduit connector, screw terminals
	Overload Protection	electronic throughout 0...90° rotation
Functional data	Input impedance	500 Ω
	Position feedback U	2...10 V
	Position feedback U note	Max. 1 mA
	Direction of motion motor	selectable with switch 0/1
	Manual override	under cover
	Angle of rotation	90°
	Angle of rotation note	adjustable with mechanical stop
	Running Time (Motor)	35 s / 90°
	Running time motor note	constant, independent of load
	Noise level, motor	60 dB(A)
	Position indication	Mechanical, 5...20 mm stroke
Safety data	Degree of protection IEC/EN	IP66/67
	Degree of protection NEMA/UL	NEMA 4X
	Housing	UL Enclosure Type 4X
	Agency Listing	cULus acc. to UL60730-1A/-2-14, CAN/CSA E60730-1:02, CE acc. to 2014/30/EU and 2014/35/EU
	Quality Standard	ISO 9001
	Ambient humidity	Max. 100% RH
	Ambient temperature	-22...122°F [-30...50°C]
	Ambient temperature note	-40...50°C [104...122°F] for actuator with integrated heating
	Storage temperature	-40...176°F [-40...80°C]
	Servicing	maintenance-free

