

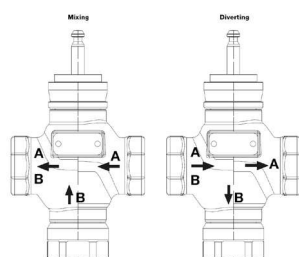
G350B-N, 3-Way, Globe Valve, Bronze Trim, Mixing/Diverting



Technical Data

Service	chilled, hot water, up to 60% glycol
Flow Characteristic	modified equal percentage, linear B to AB
Controllable Flow Range	stem up - open B to AB
Size [mm]	2" [50]
End Fitting	NPT female ends
Body	bronze
Stem	stainless steel
Stem Packing	EPDM O-ring
Seat	bronze
Plug	brass
Body Pressure Rating [psi]	ANSI 250
ANSI Class	ANSI 250 (up to 400 psi below 150°F)
Media Temperature Range (Water)	20°F to 280°F [-7°C to 138°C]
Max Differential Pressure (Water)	35 psi (241 kPa)
Rangeability	A-port 100:1, B-port 50:1
Cv	41
Leakage	ANSI Class VI
Servicing	repack kits available

Flow Pattern



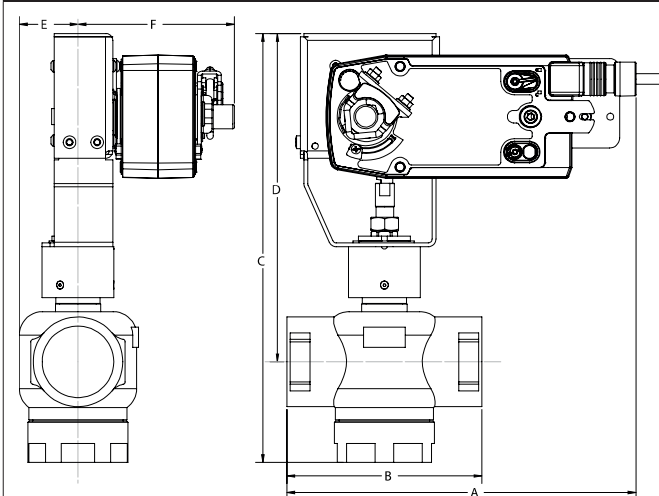
Application

This valve is typically used in Air handling units on heating or cooling coils, and fan coil unit heating or cooling coils. Some other common applications include Unit Ventilators, VAV box re-heat coils and bypass loops. This valve is suitable for use in hydronic system with constant or variable flow. These 3-way valves can be used for both Mixing and Diverting depending on the piping configuration.

Suitable Actuators

	Non-Spring	Spring	Electronic Fail-Safe
G350B-N	SVB(X)	AFB(X)	SVKB(X)

Dimensions (Inches [mm])



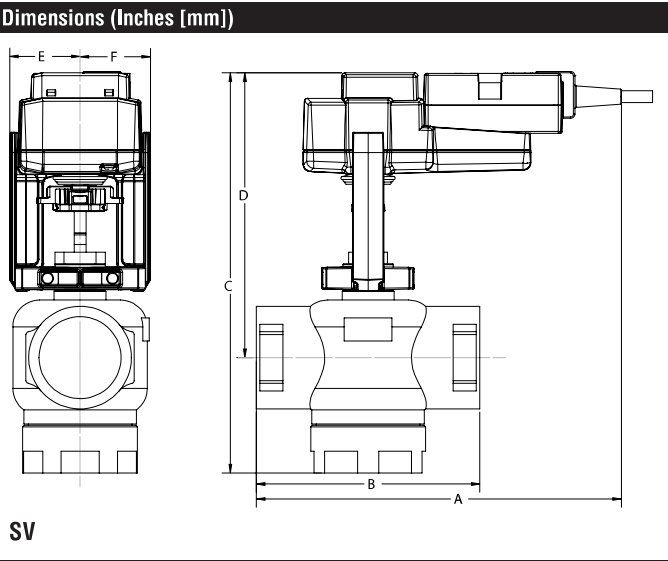
AF

A	B	C	D	E	F
10.92" [277]	6.12" [156]	13.47" [342]	10.38" [264]	1.82" [46]	4.94" [125]

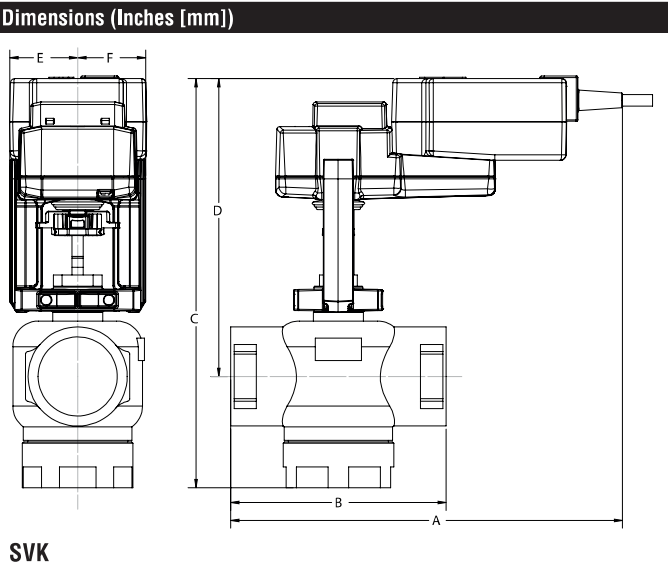
Piping

The valves should be mounted in a weather-protected area in a location that is within the ambient limits of the actuator. Allow sufficient room for valve with actuator and for service. The G2 and G3 preferred mounting position of the valve is with the valve stem vertical above the valve body, for maximum life. However, the assemblies can be mounted with the valve stem vertical or horizontal in relation to the pipe. The actuators should never be mounted underneath the valve, as condensation can build up and result in a failure of the actuators.

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A	B	C	D	E	F
10.2" [259]	6.12" [156]	10.90" [277]	7.81" [198]	1.93" [49]	



A	B	C	D	E	F
11" [279]	6.12" [156]	10.75" [273]	8.43" [214]	1.93" [49]	