

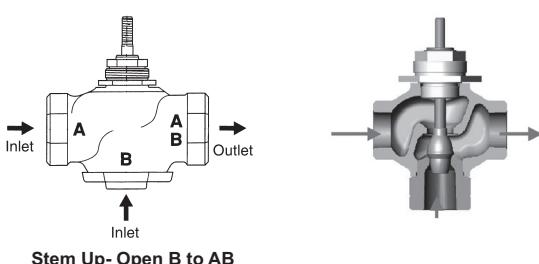
# G320, 3-Way, Globe Valve, Bronze Trim, Mixing



## Technical Data

Service	chilled, hot water, up to 60% glycol
Flow Characteristic	linear
Controllable Flow Range	stem up - open B to AB
Size [mm]	0.75" [20]
End Fitting	NPT female ends
Body	bronze
Stem	stainless steel
Stem Packing	spring loaded Teflon® V-ring
Seat	bronze
Plug	brass
Disc	composition (EPDM)
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 500:1
Cv	7.5
Weight	2.4 lb [1.1 kg]
Leakage	ANSI Class III
Servicing	Rewrap/Rebuild kits available

## Flow Pattern



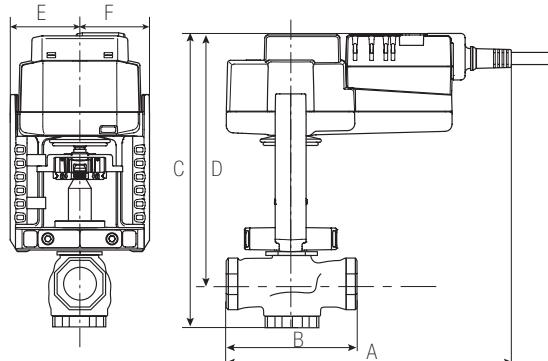
## Application

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. 3-way valves are available with mixing or diverting flow patterns.

## Suitable Actuators

G320	Non-Spring LVB(X)	Spring LF	Electronic Fail-Safe LVKB(X)

## Dimensions (Inches [mm])

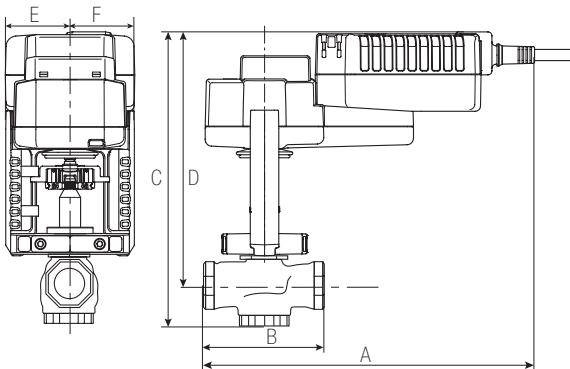


LVB, LVX, SVB, SVX

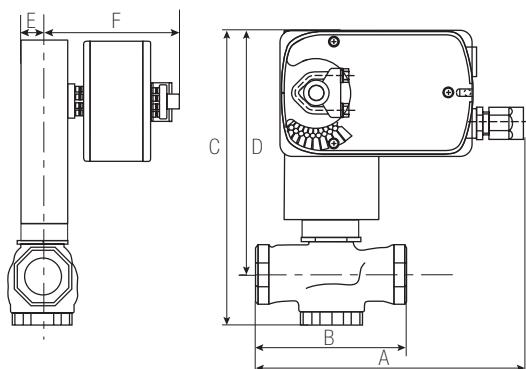
A	B	C	D	E	F
7.8" [200]	3.62" [92]	9.45" [240]	8.11" [206]	1.95" [49]	

## 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(S) and G3(D) 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. Do not reverse flow direction.

**Dimensions (Inches [mm])**

**LVKB, LVKX SVKB, SVKX**

A	B	C	D	E	F
9" [229]	3.62" [92]	10.3" [262]	8.11" [206]	1.95" [49]	

**Dimensions (Inches [mm])**

**LF**

A	B	C	D	E	F
8.3" [211]	3.62" [92]	9.4" [239]	9.1" [231]	1.25" [32]	5" [127]