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B249VS, 2-Way, Ball Valve Bronze Body, Stainless Steel Ball and Stem

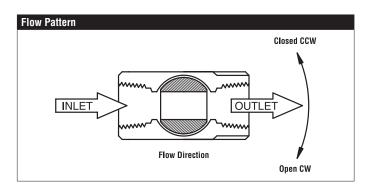








Technical Data		
Service	chilled or hot water, up to 60% glycol, steam	
Flow Characteristic	modified equal percentage	
Controllable Flow Range	90° rotation	
Size [mm]	2" [50]	
End Fitting	NPT female ends	
Body	B584-C84400 Bronze	
Body Seal	PTFE	
Ball	316 stainless steel	
Retainer	B16 Brass	
Gland	B16 brass	
Stem	316 stainless steel	
Stem Packing	reinforced PTFE	
Stem Bearing	reinforced PTFE	
Jam Nut	stainless steel	
Seat	reinforced PTFE w/ Durafill	
Body Pressure Rating [psi]	600 psig WOG	
Max Inlet Pressure (Steam)	35 psi (241 kPa)	
Media Temperature Range	-22°F to 280°F [-30°C to 138°C]	
(Water)		
Maximum Differential	35 psi	
Pressure (Steam) Close-Off Pressure	600 noi	
	600 psi	
Maximum Velocity	15 FPS	
Cv	108	
Weight	6.2 lb [2.8 kg]	
Leakage	ANSI Class VI	



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 a hydronic system with variable flow.

This valve is designed with MFT functionally which facilitates the use of various control input.

Up to 35 psi steam

1/2" - 2" 600 PSIG WOG, Cold Non-Shock Federal Specification: WW-V-35C, Type II

Composition: BZ

Style: 3

Suitable Actuators

Sultable Actuators			
	Non-Spring	Spring	Electronic Fail-Safe
B249VS	GMB(X), SY1,	AFB(X)	PKRB(X)
	PRB(X)		