

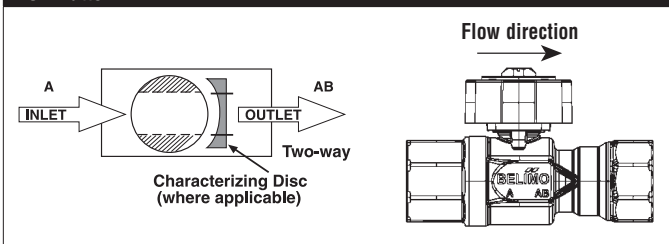
B220HT186, 3/4", High Temperature CCV Stainless Steel Ball and Stem



Technical Data

Service	high temperature hot water/low pressure steam, up to 60% glycol
Flow Characteristic	A-port equal percentage
Controllable Flow Range	75°
Size [mm]	0.75" [20]
End Fitting	NPT female ends
Body	nickel plated brass (DZR) P-CuZn35Pb2
Ball	stainless steel
Stem	stainless steel
Stem Packing	Viton O-ring
Seat	ETFE
Seat O-ring	EPDM (lubricated)
Characterized Disc	ETFE
Body Pressure Rating [psi]	600
Max Inlet Pressure (Steam)	15 psi
Media Temperature Range (Water)	60°F to 266°F [16°C to 130°C]
Media Temperature Range (Steam)	250°F [120°C]
Maximum Differential Pressure (Steam)	15 psi
Max Differential Pressure (Water)	60 psi partially open ball, 116 psi full open
Close-Off Pressure	200 psi
Cv	1.86
Weight	0.9 lb [0.4 kg]
Leakage	0%
Servicing	maintenance free

Flow Pattern



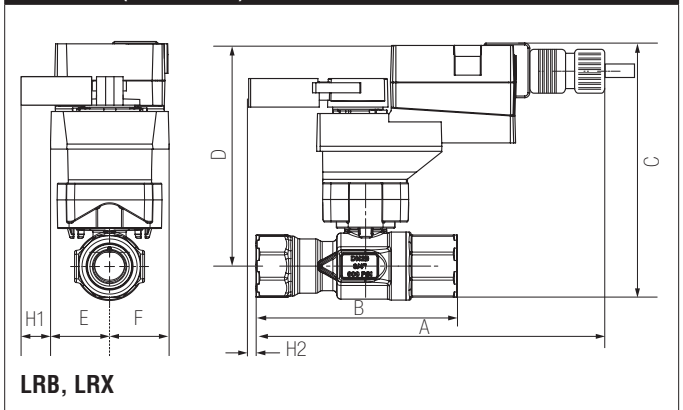
Application

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 a hydronic system with variable flow. This valve is designed to fit in compact areas where on/off, floating point and modulating control is required using 24 VAC.

Suitable Actuators

	Non-Spring	Spring
B220HT186	LR	LF

Dimensions (Inches [mm])



A	B	C	D	E	F	H1	H2
8.32" [211]	3.96" [101]	6.15" [156]	5.59" [142]	1.3" [33]		1.18" [30]	0.5" [15]

Date created, 09/20/2016 - Subject to change. © Belimo Aircontrols (USA), Inc.



A	B	C	D	E	F
8.7" [221]	3.96" [101]	6.74" [171]	6.07" [154]	1.89" [48]	