## Date created, 10/27/2017 - Subject to change. © Belimo Aircontrols (USA), Inc.

## **B253**, **2-Way**, **Characterized Control Valve** Stainless Steel Ball and Stem

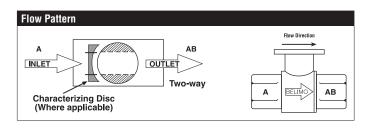






WARRANT

١	Technical Data	
	Service	chilled, hot water, up to 60% glycol
	Flow Characteristic	equal percentage
	Controllable Flow Range	75°
	Size [mm]	2" [50]
	End Fitting	NPT female ends
	Body	forged brass, nickel plated
	Ball	stainless steel
	Stem	stainless steel
	Stem Packing	EPDM (lubricated)
	Seat	Teflon® PTFE
	Seat O-ring	EPDM (lubricated)
	Characterized Disc	stainless steel
	Body Pressure Rating [psi]	400
	Media Temperature Range	0°F to 250°F [-18°C to 120°C]
	(Water)	
	Max Differential Pressure (Water)	50 psi (345 kPa)
	Close-Off Pressure	200 psi
	Cv	120
	Weight	5.3 lb [2.4 kg]
	Leakage	0% for A to AB
	Servicing	maintenance free

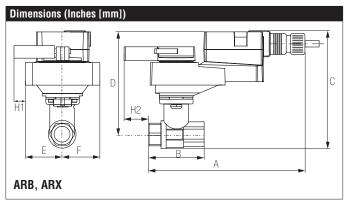


## **Application**

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.

**Suitable Actuators** 

	Non-Spring	Spring
B253	ARB(X)	AFRB(X)



А	В	C	D	Е	F	H1
11.25"	4.93"	7.68"	5.98"	1.73" [44]		1.18" [30]
[286]	[125]	[195]	[152]			