B248, 2-Way, Characterized Control Valve Stainless Steel Ball and Stem





VEAR
WARRANTY

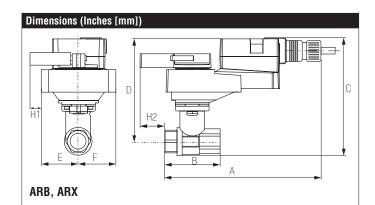
Technical Data					
Service	chilled, hot water, up to 60% glycol				
Flow Characteristic	equal percentage				
Controllable Flow Range	75°				
Size [mm]	2" [50]				
End Fitting	NPT female ends				
Body	forged brass, nickel plated				
Ball	stainless steel				
Stem	stainless steel				
Stem Packing	EPDM (lubricated)				
Seat	Teflon® PTFE				
Seat O-ring	EPDM (lubricated)				
Characterized Disc	TEFZEL®				
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	29				
Weight	2.9 lb [1.3 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					
B248	ARB(X)	AFRB(X)					



А	В	C	D	E	F	H1	H2
11"	4.21"	6.84"	5.51"	1.73	" [44]	1.18"	0.5" [15]
[279]	[107]	[174]	[140]		_	[30]	