

2-way, Characterized Control Valve, Stainless Steel Ball and Stem







Type overview	
Туре	DN
B217	20

Technical data

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Εı	ıncti	ona	l data

Valve size [mm]	0.75" [20]		
Fluid	chilled or hot water, up to 60% glycol		
Fluid Temp Range (water)	0250°F [-18120°C]		
Body Pressure Rating	600 psi		
Close-off pressure ∆ps	200 psi		
Flow characteristic	equal percentage		
Pipe connection type	Internal thread NPT (female)		
Servicing	maintenance-free		
Flow Pattern	2-way		
Leakage rate	0% for A – AB		
Controllable flow range	75°		
Cv	4.7		
Valve body	Nickel plated brass body		

Materials

Valve body	Nickel-plated brass body		
Stem	stainless steel		
Stem seal	EPDM (lubricated)		
Seat	PTFE		
Characterized disc	TEFZEL®		
O-ring	EPDM (lubricated)		
Ball	stainless steel		

Suitable actuators

Non-Spring	IR			
	LRB(X)			
	NR			
Spring	TFRB(X)			
	LF			

Safety notes



• WARNING: This product can expose you to lead which is known to the State of California to cause cancer and reproductive harm. For more information go to www.p65warnings.ca.gov

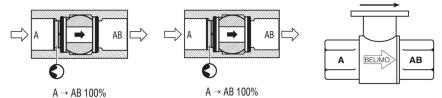


Product features

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 reheat coils and bypass loops. This valve is suitable for use in a hydronic system with variable flow.

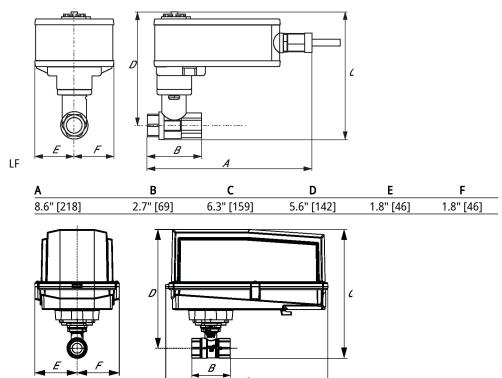
Flow/Mounting details



Two-way valves should be installed with the disc upstream.

	uisc upstream.	$A \rightarrow AI$	8 100%	A → AD	100 /0		
Dimensions							
Туре	DN			Weig	ıht		
B217	20			0.72 lb [0	.33 kg]		
	LRB, LRX	HI E F	D HE			۷	
		A	B C "" [69] 5.8" [1	D	1 211 F221 - 4	F H1	
		9.4" [239] 2.7		47] 5.1" [129]	1.3" [33]	1.3" [33] 1.2" [[30] 1" [25]
	TR				c		
		A 4.0" [102]	B 2.7" [69]	C 5.4" [137]	D 5.1" [129]	E 1.3" [33]	F 1.3" [33]
	TFRB, TFRX	4.0 [102]				(L	[53]
		<u>A</u>	В	С	D	E	F
		7.0" [178]	2.7" [69]	5.5" [139]	4.8" [122]	1.5" [39]	1.5" [39]





ARB N4, ARX N4, NRB N4, NRX N4

Α	В	С	D	E	F
11.4" [289]	2.7" [69]	7.8" [199]	7.1" [181]	3.1" [80]	3.1" [80]