

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







Type overview	
Туре	DN
B213	15

Technical data

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Valve size [mm]	size [mm] 0.5" [15]	
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 Δps	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	
ontrollable flow range 75°		
Cv	4.7	
Valve body	Nickel-plated brass body	

Materials

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

Suitable actuators

Non-Spring	IK
	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

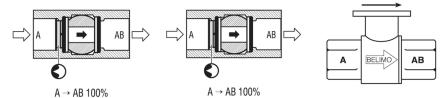


Product features

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.

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Dimensions						
Туре	DN			Weight		
B213	15			0.65 lb [0.30 kg]		
	LRB, LRX	D D	H2 B	A	c	
		A B	С	D E	F H1	H2
		9.4" [239] 2.4" [0	60] 5.6" [141] 5	5.0" [127] 1.3" [33]	1.3" [33] 1.2" [30]	1.1" [28]
	TR		B	c		
		A 2 7" [05] 2	B C		E	F 1 2" [22]
		3.7" [95] 2	.4" [60] 5.2" [⁻	132] 4.6" [117]	1.3" [33]	1.3" [33]
	TFRB, TFRX			A	c	
		Α	В	C D	E	F

2.4" [60]

6.1" [154]

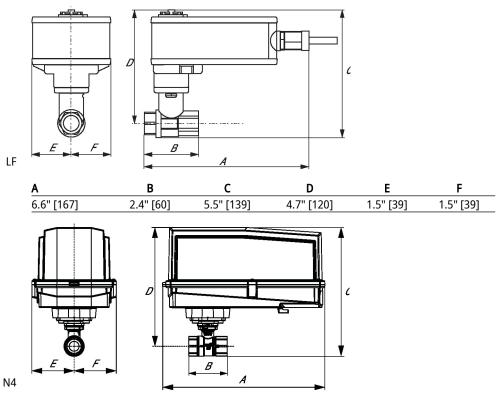
5.5" [140]

7.9" [200]

1.8" [46]

1.8" [46]





C

7.7" [196]

D

7.0" [179]

E

3.1" [80]

3.1" [80]

В

2.4" [60]

11.4" [289]

ARB N4, ARX N4, NRB N4, NRX N4