

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



5-year warranty



## Type overview

Type	DN
B209	15

## Technical data

	Functional data	Valve size [mm]	0.5" [15]
	Fluid	chilled or hot water, up to 60% glycol	
	Fluid Temp Range (water)	0...250°F [-18...120°C]	
	Body Pressure Rating	600 psi	
	Close-off pressure Δps	200 psi	
	Flow characteristic	equal percentage	
	Leakage rate	0% for A – AB	
	Pipe connection	Internal thread NPT (female)	
	Servicing	maintenance-free	
	Flow Pattern	2-way	
	Controllable flow range	75°	
	Cv	0.8	
	Materials	Valve body	Nickel-plated brass body
	Materials	Stem	stainless steel
	Materials	Stem seal	EPDM (lubricated)
	Materials	Seat	PTFE
	Materials	Characterized disc	TEFZEL®
	Materials	O-ring	EPDM (lubricated)
	Materials	Ball	stainless steel
	Suitable actuators	Non Fail-Safe	TR LRB(X) LRQB(X) NRB(X) N4
	Suitable actuators	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](http://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 re-heat coils and bypass loops. This valve is suitable for use in a hydronic system with variable flow.

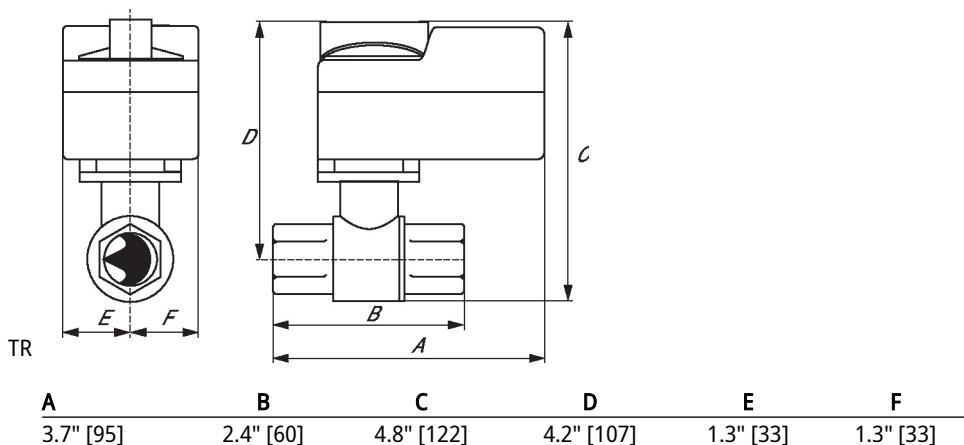
## Flow/Mounting details

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

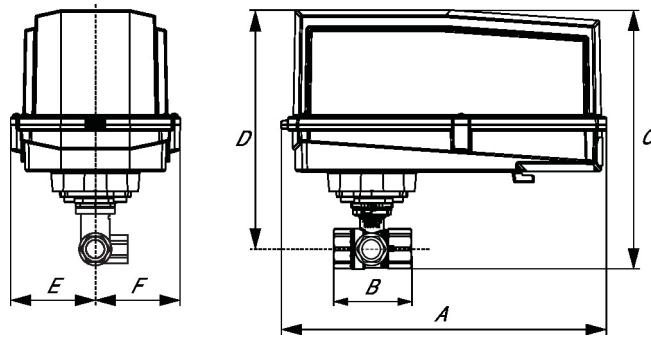


## Dimensions

Type	DN	Weight
B209	15	0.50 lb [0.23 kg]



## Dimensions

					
<b>A</b> 6.6" [167]	<b>B</b> 2.4" [60]	<b>C</b> 4.9" [124]	<b>D</b> 4.3" [110]	<b>E</b> 1.5" [39]	<b>F</b> 1.5" [39]
					
<b>A</b> 7.91" [200]	<b>B</b> 2.4" [60]	<b>C</b> 5.7" [146]	<b>D</b> 5.1" [129]	<b>E</b> 1.8" [46]	<b>F</b> 1.8" [46]
					
<b>A</b> 11.4" [289]	<b>B</b> 2.4" [60]	<b>C</b> 7.7" [196]	<b>D</b> 7.0" [179]	<b>E</b> 3.1" [80]	<b>F</b> 3.1" [80]