

2-way, Characterized Control Valve, Chrome Plated Brass Ball and Nickel Plated Brass Stem







| Type overview | |
|---------------|----|
| Туре | DN |
| B212B | 15 |

Technical data

| | | | |
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| Valve 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 ∆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 | 3 | |
| Valve body | Nickel-plated brass body | |

Materials

| Valve body | Nickel-plated brass body | | |
|--------------------|--------------------------|--|--|
| Stem | nickel-plated brass | | |
| Stem seal | EPDM (lubricated) | | |
| Seat | PTFE | | |
| Characterized disc | TEFZEL® | | |
| O-ring | EPDM (lubricated) | | |
| Ball | chrome plated brass | | |
| | TD | | |

Suitable actuators

| Non-Spring | IR |
|------------|---------|
| | LRB(X) |
| 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.



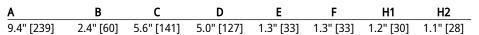
Flow/Mounting details

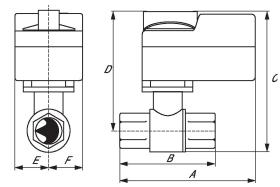
 $A \rightarrow AB 100\%$ $A \rightarrow AB 100\%$ $A \rightarrow AB 100\%$

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

| Dimensions | | |
|------------|----|-------------------|
| Туре | DN | Weight |
| B212B | 15 | 0.68 lb [0.31 kg] |
| | | |

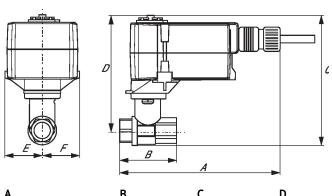






TR

| Α | В | С | D | E | F |
|-----------|-----------|------------|------------|-----------|-----------|
| 3.7" [95] | 2.4" [60] | 5.2" [132] | 4.6" [117] | 1.3" [33] | 1.3" [33] |



TFRB, TFRX

| Α | В | С | D | E | F |
|------------|-----------|------------|------------|-----------|-----------|
| 6.6" [167] | 2.4" [60] | 5.5" [139] | 4.7" [120] | 1.5" [39] | 1.5" [39] |



