

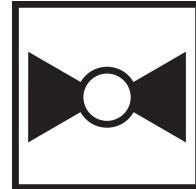
2-way, Characterized Control Valve, Stainless Steel Ball and Stem



Picture may differ from product



5-year warranty



Type overview

Type	DN
B240	1 1/2" [40]

Technical data

Functional data	
Valve size [mm]	1.5" [40]
Fluid	chilled or hot water, up to 60% glycol
Fluid Temp Range (water)	0...250°F [-18...120°C]
Body Pressure Rating	400 psi
Close-off pressure Δp_s	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	37
No Characterized Disc	TRUE
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 Fail-Safe	ARB(X) ARQB(X) NRQB(X) ARB(X) N4
Spring	AFRB(X)

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

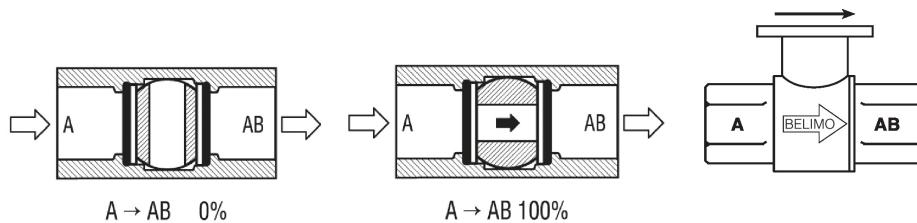
Product features

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

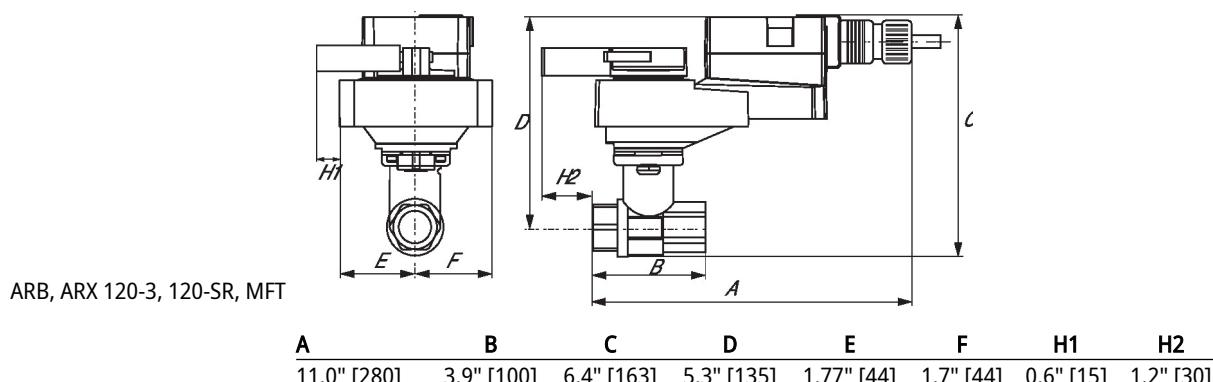
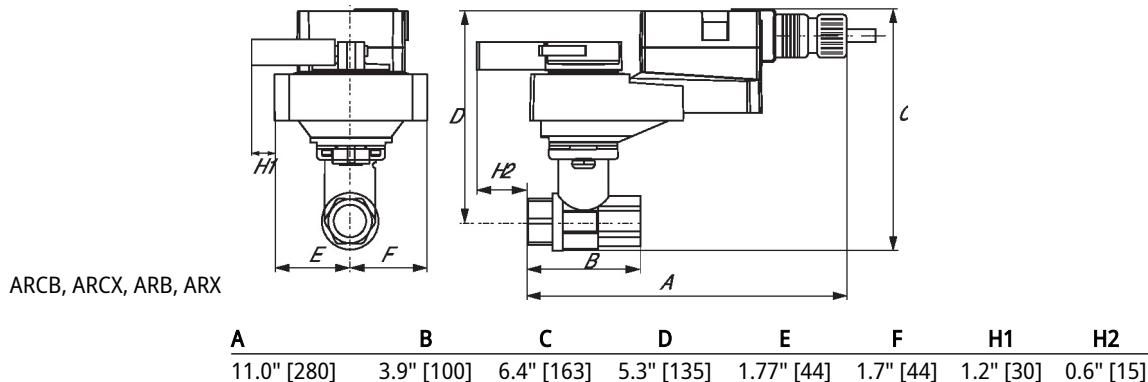
Flow/Mounting details

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

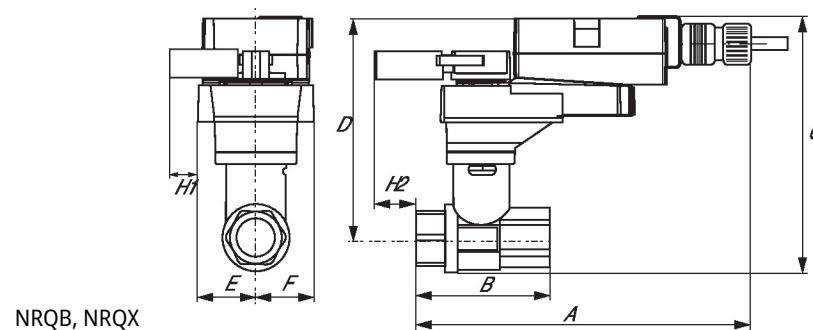


Dimensions

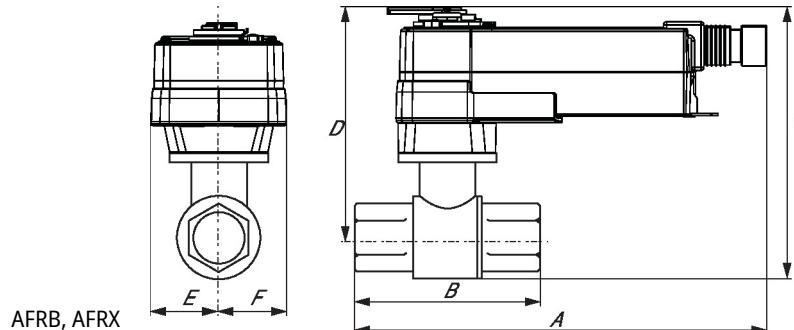
Type	DN	Weight
B240	1 1/2" [40]	1.9 lb [0.86 kg]



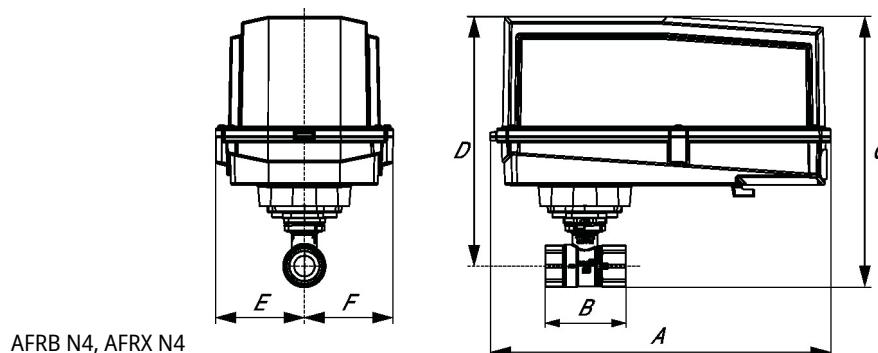
Dimensions



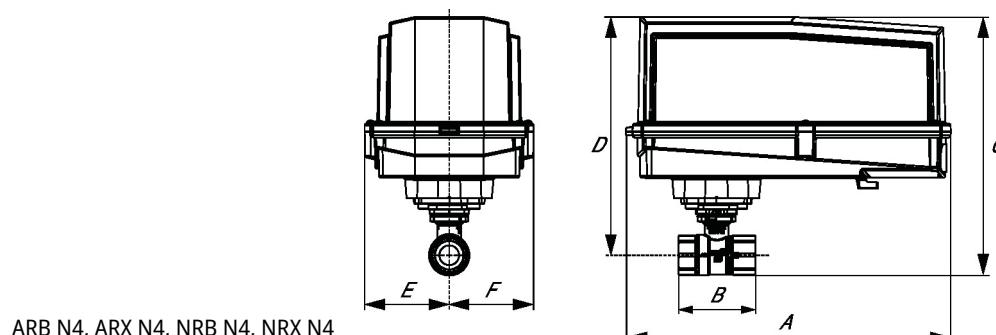
A	B	C	D	E	F	H1	H2
11.0" [280]	3.9" [100]	7.1" [181]	6.0" [153]	1.77" [44]	1.7" [44]	1.4" [34]	0.6" [15]



A	B	C	D	E	F
10.8" [275]	3.9" [100]	9.0" [229]	7.8" [198]	2.0" [51]	2.0" [51]



A	B	C	D	E	F
13.0" [330]	3.9" [100]	10.3" [262]	8.5" [216]	3.4" [86]	3.4" [86]



A	B	C	D	E	F
11.4" [289]	3.9" [100]	8.5" [217]	7.3" [185]	3.1" [80]	3.1" [80]