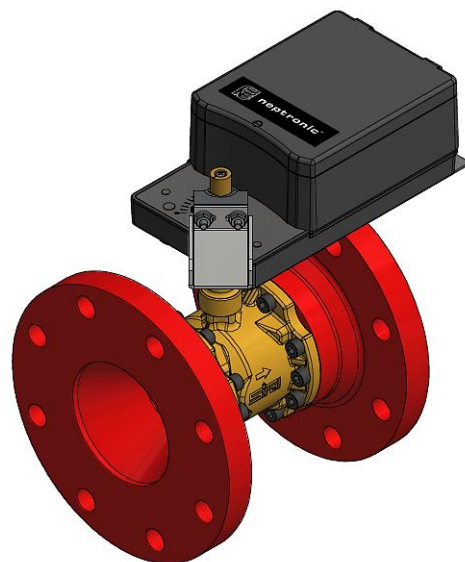


CP G0080YS4: 2-way, 2.5" (DN65)
 CP G0110YS4: 2-way, 2.5" (DN65)
 CP H0110YS4: 2-way, 3" (DN80)
 CP J0140YS4: 2-way, 4" (DN100)

Description

The 2-way actuated flange characterized control ball valve provides digital or analog control of hot or chilled water systems that contain up to 60% glycol.

Each unit is comprised of a rotary actuator and linkage assembly coupled to a valve body that offers positive close off and low torque. The range of valve sizes are from 2.5" (DN65) to 4" (DN100) with a close-off pressure of 200 PSI [1379 kPa].



Models

Size	2-Way Models	Cv	Kv
2.5" [DN65]	CP G0080YS4	80	69
	CP G0110YS4	110	95
3" [DN 80]	CP H0110YS4	110	95
4" [DN 100]	CP J0140YS4	140	121

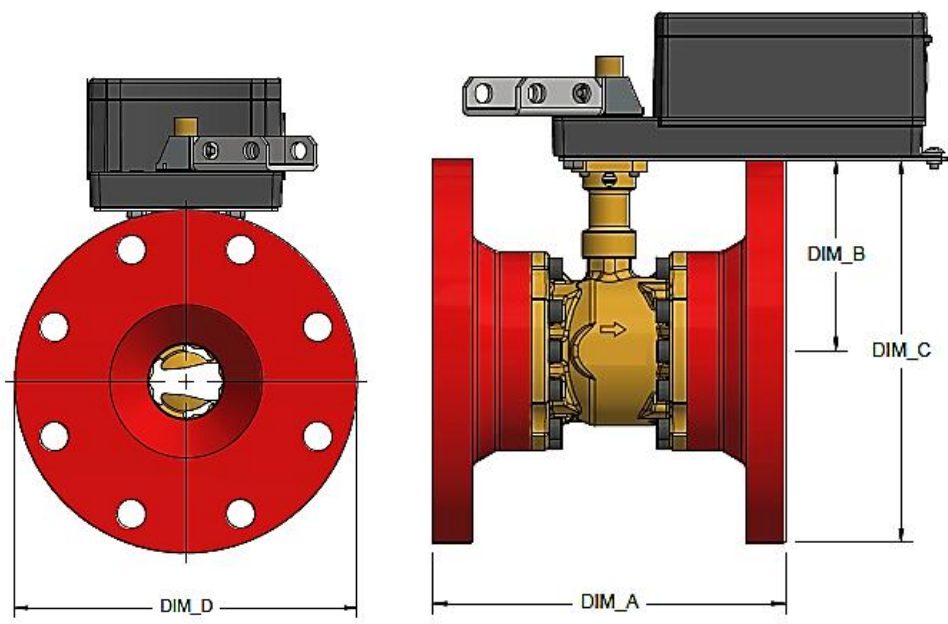
Technical Data

Specification		All Models
Actuator Compatibility		All Neptronic TT & TM Series Actuators
Sizes		2.5" to 4" [DN65 to DN100]
Range Cv [Kv]		80 to 140 [69 to 121]
Pressure	Body	400 PSI [2758 kPa]
	Close Off	200 PSI [1379 kPa]
	Differential	50 PSI [345 kPa]
	Max Inlet	N/A
Media		Water, Glycol 60%
	Temperature Range	0°F to 250°F [-18°C to 120°C]
Leakage	A-AB Port	0%
	B Port	N/A
Body Material	Body	Brass, cast iron
	Ball	Stainless steel
	Stems	Stainless steel
	Seats	PTFE
	Characterizing Disc	Brass Characterized
	O-ring	EPDM
End Connections		ANSI Class 125
Flow Characteristic	A to AB	Equal Percentage
	B to AB	N/A
Flow Pattern	Mixing	N/A
	Diverting	N/A

2-Way Flange Characterized Control Ball Valve

Specification and Installation Instructions

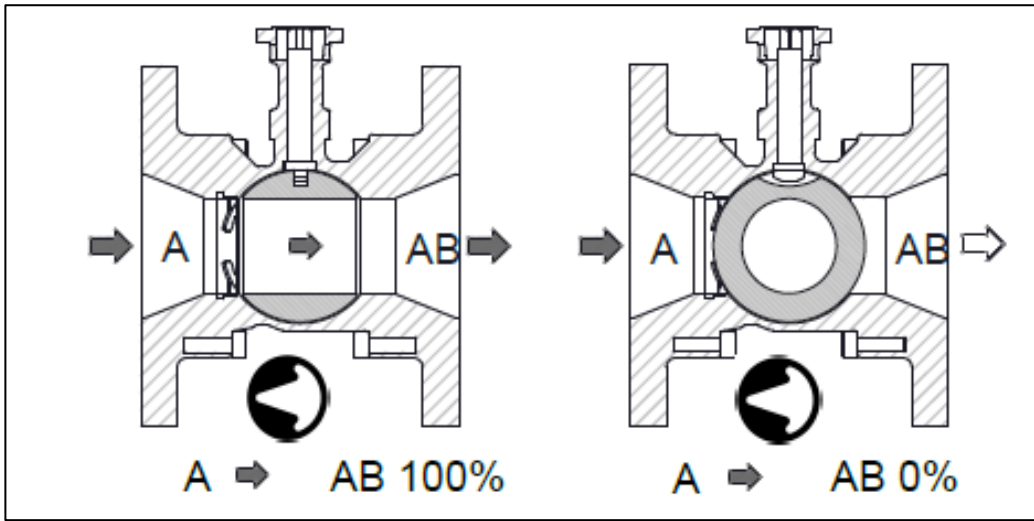
Dimensions



Size	A	B	C	D
2.5" [DN65]	5.40" [138mm]	4.50" [114mm]	8.00" [203mm]	7.00" [178mm]
3" [DN80]	26.60" [168mm]	4.50" [114mm]	8.25" [210mm]	7.50" [191mm]
4" [DN110]	8.30" [211mm]	4.50" [114mm]	9.00" [230mm]	9.00" [230mm]

Flow Pattern

2 Way valves should be installed with the disc upstream.

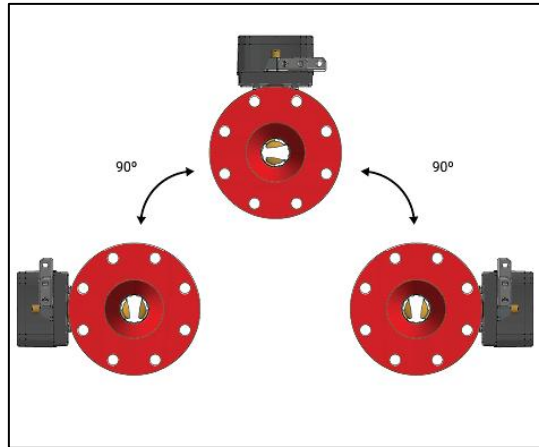


2-Way Flange Characterized Control Ball Valve

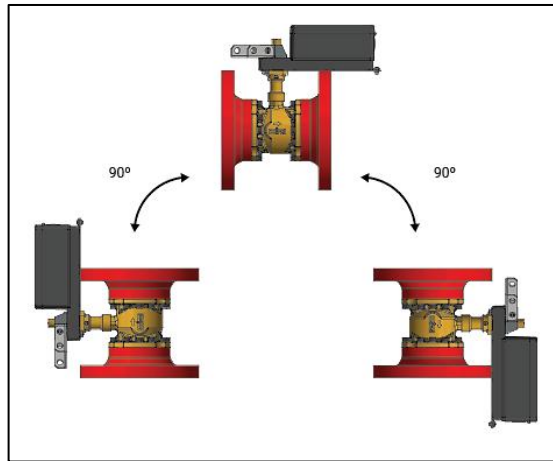
Specification and Installation Instructions

Installation & Orientation

1. The valve assembly can be installed in a vertical or horizontal arrangement.



2. The product should be positioned to avoid water from dripping on the actuator.



Recycling at end of life: please return this product to your Neptronic local distributor for recycling. If you need to find the nearest Neptronic authorized distributor, please consult www.neptronic.com.

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