



Series

FP AxxxxYS1: 2-way, 1/2", Full Port, NPT Female

FP BxxxxYS1: 2-way, 3/4", Full Port, NPT Female

FP CxxxxYS1: 2-way, 1", Full Port, NPT Female

FP DxxxxYS1: 2-way, 1 1/4", Full Port, NPT Female

FP ExxxxYS1: 2-way, 1 1/2", Full Port, NPT Female

FP FxxxxYS1: 2-way, 2", Full Port, NPT Female

FP GxxxxYS1: 2-way, 2 1/2", Full Port, NPT Female

FP HxxxxYS1: 2-way, 3", Full Port, NPT Female

Features

- Actuated 2-Way Ball Valves with digital or analog control options
- Compatible with hot/chilled water systems with up to 50% glycol
- Rotary actuator with linkage assembly for reliable valve operation
- Full port design enables minimal pressure drop
- Close-Off pressure: up to 130 PSIG
- Brass body with stainless steel ball



Models

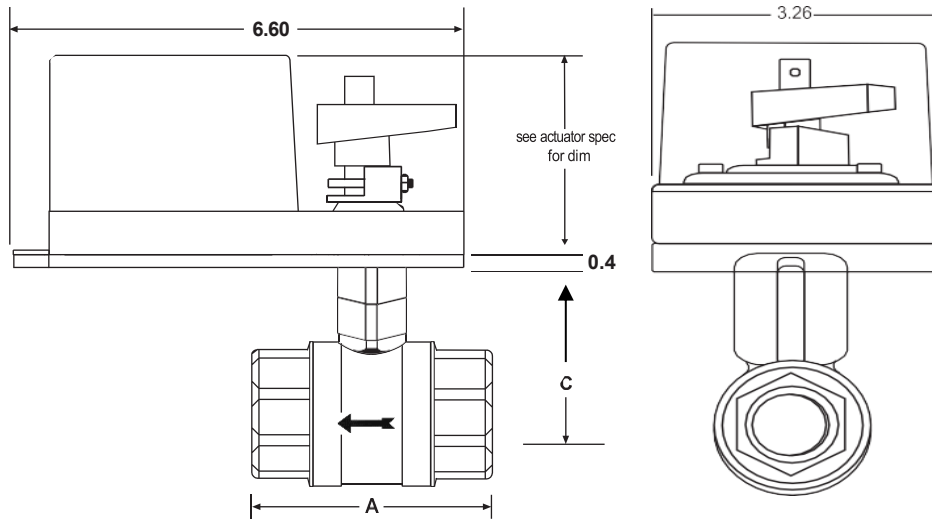
Valve Size	Cv	Kv	All Models	Close Off PSI
1/2"	12	10	FP A0120YS1	130
3/4"	29	25	FP B0290YS1	130
1"	54	46	FP C0540YS1	100
1-1/4"	102	88	FP D1020YS1	100
1-1/2"	172	148	FP E1720YS1	100
2"	266	230	FP F2660YS1	100
2-1/2"	202	174	FP G2020YS1	100
3"	145	125	FP H1450YS1	100

Technical Data

Specification		All Models
Valve Flow Type		2 Way: Equal Percentage
Static Pressure & Temperature		360 PSI, -22°F to +250°F (-30°C to +121°C)
Differential		35 PSIG Maximum
Maximum Close-Off Pressure		100 PSIG Maximum (130 PSIG max. for 1/2" and 3/4")
Materials	Body	Forged Brass ASTM B283
	Ball & Stem	Stainless Steel
	Stem Seals	EPDM "O" Rings
	Seats	Reinforced Teflon Seals with EPDM "O" Rings
End Connections		Standard NPT Female



Dimensions & Weight



Valve Size	All Models	A	C
1/2"	FP A0120YS1	2.37	2.40
3/4"	FP B0290YS1	2.64	2.52
1"	FP C0540YS1	3.05	2.62
1-1/4"	FP D1020YS1	3.60	2.88
1-1/2"	FP E1720YS1	3.70	3.36
2"	FP F2660YS1	4.41	3.57
2-1/2"	FP G2020YS1	4.70	3.57
3"	FP H1450YS1	5.02	3.57

Note: All dimensions are measured in inches and may vary depending on the supplier. Changes can occur without prior notice.



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.