



## Series

GM AxxxxYB1: ½", 3-way, NPT female

GM BxxxxYB1: ¾", 3-way, NPT female

GM CxxxxYB1: 1", 3-way, NPT female

GM DxxxxYB1: 1-¼", 3-way, NPT female

GM ExxxxYB1: 1-½", 3-way, NPT female

GM FxxxxYB1: 2", 3-way, NPT female



## Features

- Linear actuator with digital or analog input for 3-way water or low-pressure steam applications.
- Delivers up to 100 lbs (450 N) with reversible stroke direction.
- Optional DDSTM kit protects actuator from steam heat (The kit is available separately and factory installed).

## Models

Size	3-Way Models	Cv	Kv	Close Off PSI
½"	GM A0022YB1	2.2	1.9	250
	GM A0044YB1	4.4	3.8	250
¾"	GS B0075YB1	7.5	6.4	180
1"	GM C0140YB1	14	12	100
1-¼"	GM D0200YB1	20	17	65
1-½"	GM E0280YB1	28	24	45
2"	GM F0410YB1	41	35	25

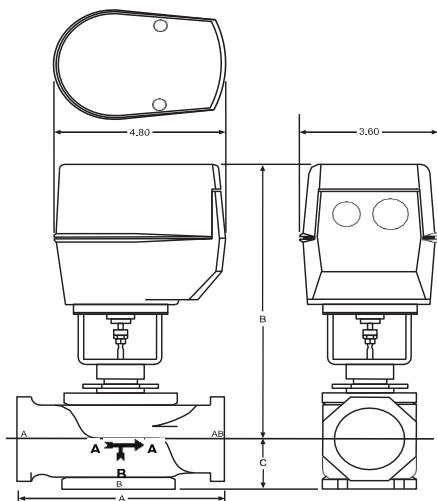
## Technical Data

Specification		All Models
Actuator Compatibility		All Neptronic AT & AM series actuators
Sizes		½" to 2"
Range Cv [Kv]		0.4 to 41 [0.3 to 35]
Fluid Temperature		<b>Water:</b> +40°F to +281°F (+4°C to +138°C) <b>Steam:</b> +230°F (+110°C) Maximum (For steam applications, add <a href="#">BBDDSTM</a> .)
Valve Flow Type		3 Way: Linear
Static Pressure		Water: 250 PSIG Maximum
Inlet Pressure		Steam: 15 PSIG Maximum
Maximum Differential Pressure		<b>Water:</b> 10 PSIG Recommended, (35 PSIG Maximum) <b>Steam:</b> 15 PSIG Maximum
Materials	Body & Seat	Bronze ANSI B16.15 Class 250
	Stem	Stainless Steel
	Plug	Brass
	Packing	Spring Loaded Teflon Cone
End Connections		Standard NPT Female



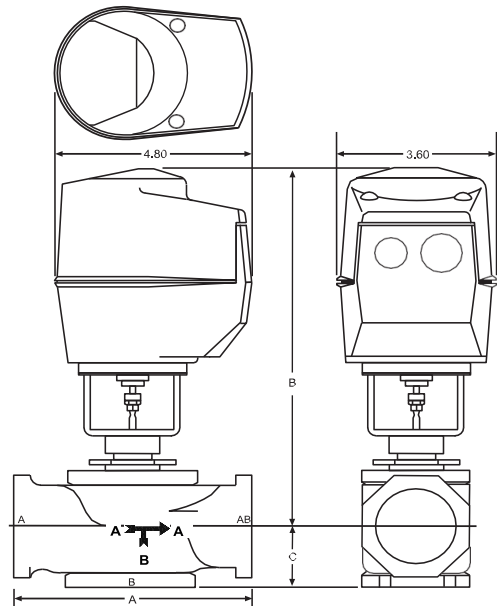
## Dimensions

### 3 Way, ½"- 2" NPT with AT Actuators



Valve Size	Valve Model Prefix	A	B	C
½"	GM A0022YB1	3.00	7.16	1.38
½"	GM A0044YB1	3.00	7.16	1.38
¾"	GS B0075YB1	3.63	7.16	1.69
1"	GM C0140YB1	4.63	7.22	1.56
1-¼"	GM D0200YB1	4.63	7.47	1.63
1-½"	GM E0280YB1	5.38	7.59	1.63
2"	GM F0410YB1	6.13	7.66	1.88

### 3 Way, ½"- 2" NPT with AM Actuators



Valve Size	Valve Model Prefix	A	B	C
½"	GM A0022YB1	3.00	8.16	1.38
½"	GM A0044YB1	3.00	8.16	1.38
¾"	GS B0075YB1	3.63	8.16	1.69
1"	GM C0140YB1	4.63	8.22	1.56
1-¼"	GM D0200YB1	4.63	8.47	1.63
1-½"	GM E0280YB1	5.38	8.59	1.63
2"	GM F0410YB1	6.13	8.66	1.88

**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](http://www.neptronic.com).