

Series

GS CxxxxYB1: 1", 2-way, NPT Female, High Close Off
 GS DxxxxYB1: 1-1/4", 2-way, NPT Female, High Close Off
 GS ExxxxYB1: 1-1/2", 2-way, NPT Female, High Close Off
 GS FxxxxYB1: 2", 2-way, NPT Female, High Close Off

Features

- Compatible with both digital and analog input signals
- Include robust maxi bonnet linkages
- Single seat with SS stem and brass trim
- Optional DDSTM kit protects actuator from steam heat (The kit is available separately and factory installed)



Models

Size	2-Way Models	Cv	Kv	Close Off PSI
1"	GS C0100YB1	10	8	250
	GS C0140YB1	14	12	250
1-1/4"	GS D0200YB1	20	17	215
1-1/2"	GS E0280YB1	28	24	150
2"	GS F0400YB1	40	34	84

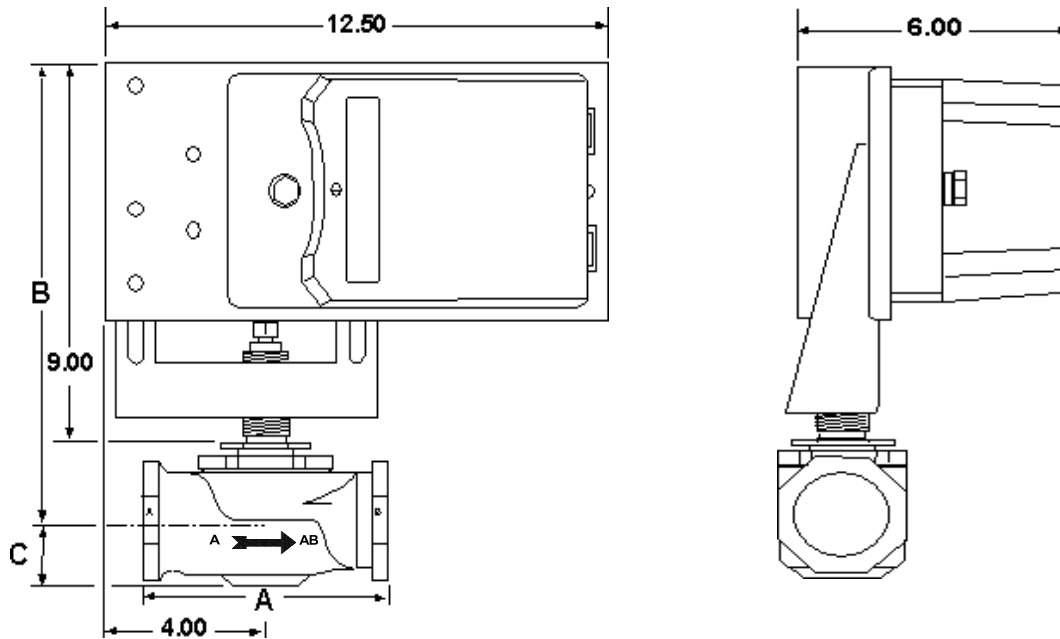
Technical Data

Specification		All Models
Actuator Compatibility		All Neptronic TT & TM series actuators
Linkage		Maxi Bonnet
Sizes		1" to 2"
Range Cv [Kv]		10 to 40 [8 to 34]
Fluid Temperature		Water: +40°F to +281°F (+4°C to +138°C) Steam: +230°F (+110°C) Maximum (For steam application, add BBDDSTM .)
Valve Flow Type		2 Way: Equal Percentage
Static Pressure		Water: 250 PSIG Maximum
Inlet Pressure		Steam: 15 PSIG Maximum
Maximum Differential Pressure		Water: 10 PSIG Recommended, (35 PSIG Maximum), Steam: 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

2 Way, 1"- 2" NPT with TT or TM Actuators



Valve Size	Valve Model Prefix	A	B	C
1"	GS C0100YB1	4.63	10.94	1.13
1"	GS C0140YB1	4.63	10.94	1.13
1-1/4"	GS D0200YB1	4.63	10.94	1.38
1-1/2"	GS E0280YB1	5.38	11.00	1.50
2"	GS F0400YB1	6.13	11.25	1.56

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.