

# DESCRIPTION & SPEC - FLANGED GLOBE VALVES

4"- 6", ANSI CLASS 125, MM ACTUATOR (ULTRA BONNET)

**neptronic**



## Description

The motorized 2 Way cast iron **Globe Valves** is powered by high torque 24 VAC **MM** actuators with rugged ultra Bonnet linkages for the control of chilled water, hot water or low pressure steam in HVAC systems. The **Single-seat Globe Valves** with SS Stem and Brass Plug have an equal percentage flow characteristic in the 2 Way models. The valve plugs are designed to provide stable control particularly at the critical low flow rates when the plug begins lifting away from the seat.

## Valve Size Selection

**2 Way:** 4", 5" & 6"

## Actuator Selection (These actuators for valves listed above)

**Analog:** MM Series

**Linkage:** Ultra Bonnet

## Specifications

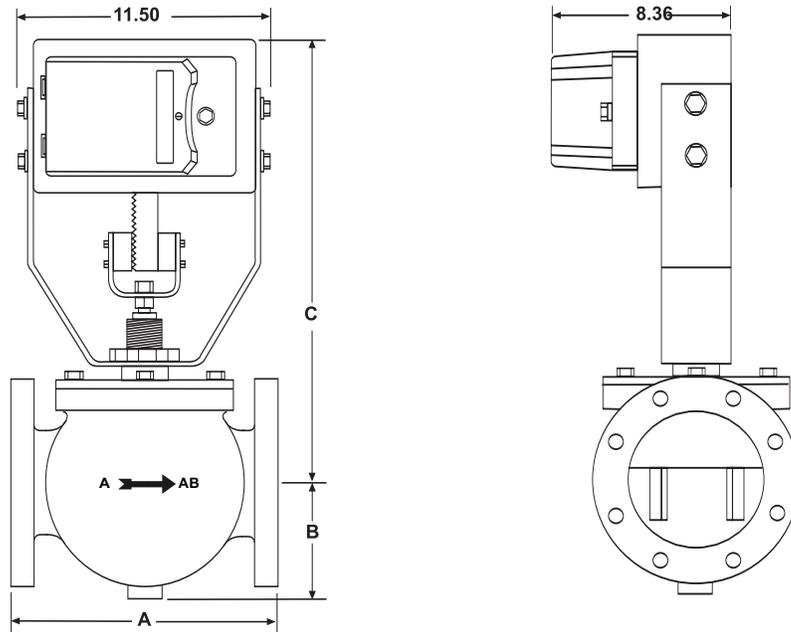
<b>Valve Flow Type:</b>	<b>2 Way:</b> Equal Percentage
<b>Stem Lift:</b>	<b>4" Valves:</b> 1" Stroke <b>5" &amp; 6" Valves:</b> 1-1/2" Stroke
<b>Maximum Working Temperature:</b>	+281°F (+138°C)
<b>Max. Differential Pressure:</b>	Water: 10 PSIG recommended, (35 PSIG max.) Steam: 15 PSIG Maximum
<b>Maximum Close-Off Pressure:</b>	Refer to Valve Selection Chart (page #40)
<b>Maximum Working Pressure:</b>	175 PSIG up to +150°F Decreasing to 125 PSIG at +281°F
<b>Body:</b>	Cast iron with Black Lacquer Finish ANSI B16.1 Class 125
<b>Seat:</b>	Bronze
<b>Stem:</b>	Stainless Steel
<b>Plug:</b>	Brass
<b>Packing:</b>	Spring Loaded TFE
<b>End Connections:</b>	Raised Faced Flanges, Class 125

# DIMENSIONS - FLANGED GLOBE VALVES

**neptronic** 4"- 6", ANSI CLASS 125, MM ACTUATOR (ULTRA BONNET)



2 Way, 4"- 6" Single Seat with MM Actuators



VALVE SIZE	Cv	Kv	2 WAY VALVE MODELS	CLOSE OFF PSI	VALVE DIMENSIONS			FLANGES		BOLT HOLES		BOLTS REQUIRED		
					A	B	C	THCK	DIAM	DIAM	BHC	QTY	DIAM	LGTH
4"	145	125	GS J1450WB4	110	11.50	4.50	20.38	0.94	9.00	0.75	7.50	8	0.625	3.00
5"	235	203	GS K2350WB4	80	13.00	5.00	23.88	0.94	10.00	0.88	8.50	8	0.750	3.00
6"	350	302	GS L3500WB4	50	14.00	5.50	24.50	1.00	11.00	0.88	9.50	8	0.750	3.25

\* All dimensions are in Inches.