

# DESCRIPTION & SPEC - FLANGED GLOBE VALVES

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

**neptronic**



## Description

The motorized 3 Way cast iron **Globe Valves** are 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 a linear characteristic in the 3 Way mixing and diverting 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

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

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

**Analog:** MM Series

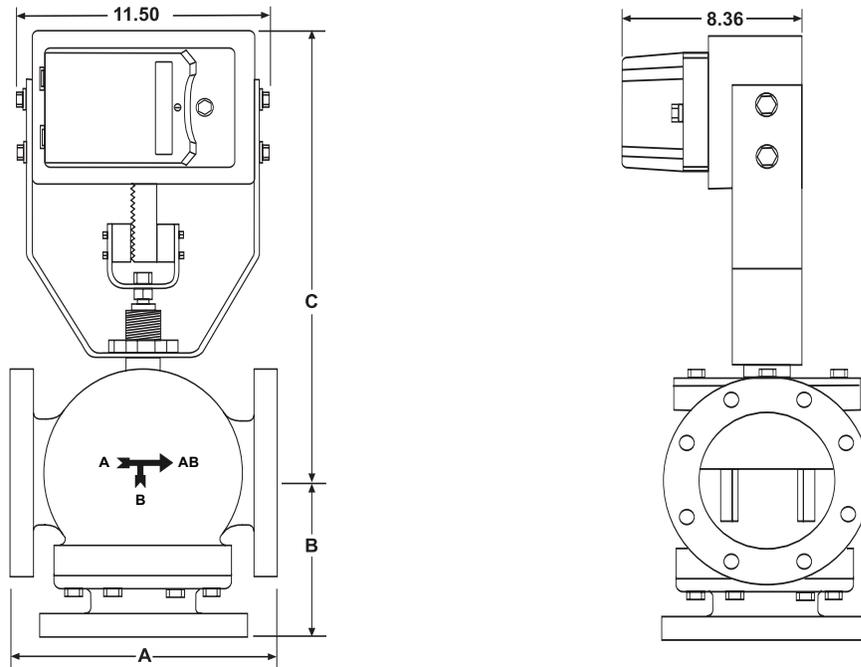
**Linkage:** Ultra Bonnet

## Specifications

<b>Valve Flow Type:</b>	<b>3 Way:</b> Linear
<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



**3 Way, 4"- 6" Single Seat with MM Actuators**



VALVE SIZE	Cv	Kv	3 WAY VALVE MODELS	CLOSE OFF PSI	VALVE DIMENSIONS			FLANGES		BOLT HOLES		BOLTS REQUIRED		
					A	B	C	THCK	DIAM	DIAM	BHC	QTY	DIAM	LGTH
					4"	170	147	GM J1700WB4	110	11.50	8.50	19.63	0.94	9.00
5"	290	250	GM K2900WB4	80	13.00	8.75	22.50	0.94	10.00	0.88	8.50	8	0.750	3.00
6"	390	337	GM L3900WB4	50	14.00	9.75	23.50	1.00	11.00	0.88	9.50	8	0.750	3.25

\* All dimensions are in Inches.