

Valve Body Assembly Style "MAS"

Direct-Acting Only

FEATURES

- Steel Body
- 316 stainless steel trim
- Fully balanced
- Single-seated for dead-end service
- "Lifetime" Teflon* chevron stem packing
- Stainless steel valve stem

GENERAL DESCRIPTION

The Robertshaw type "MAS" valve has a cast steel body for higher pressure and temperature service. It is available with screwed ends in sizes 3/4" through 1 1/2" and 300 lb. raised face ANSI standard flanges in the 1" through 2" sizes.

SPECIFICATIONS

Type:Single-seated, fully balanced.

Sizes: 3/4" through 2".

Action: Direct-acting only (closes with downward stem movement). Fully modulating.

Ends:

3/4" – 1 1/2"Screwed ends.

1 1/2" – 2" 150 lb. ANSI flanges.

1" - 2" 300 lb. ANSI flanges.

Materials:

Valve TrimSeats and poppets 316 stainless steel.

Valve Stem 316 stainless steel (highly finished).
 Quick-detach type.

Stem Packing . Stacked Teflon* chevrons (spring loaded).

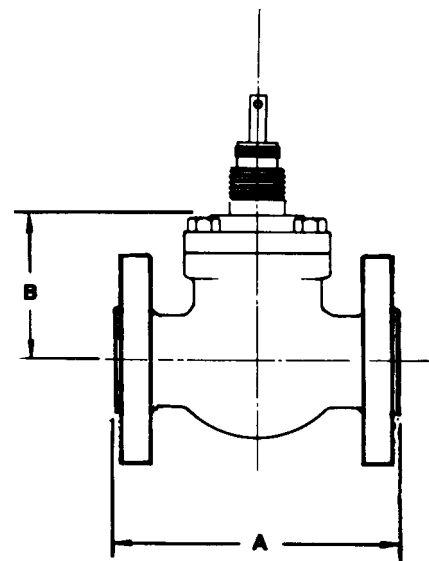
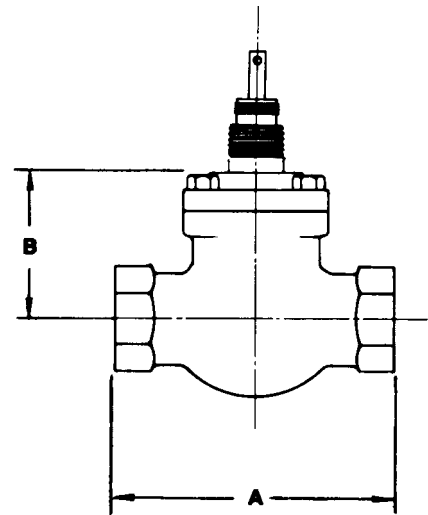
Valve Body Cast steel.

Other Parts Stainless steel.

Body Rating: 740 psig @ 100° F. (38° C.).
 600 psig @ 450° F. (232° C.).

Maximum Pressure Drop: 3/4" – 1 1/2" - 250 psi
 2" - 150 psi

*TEFLON is a registered tradename of E.I. DuPont.



Valve Size	3/4"	1"		1 1/2"		2"
Ends	Screwed	Screwed	Flanged	Screwed	Flanged	Flanged
Cv	10.5	12	12	30	30	49
Travel, In. (mm)	1/4 (6.4)	5/16 (7.9)	5/16 (7.9)	7/16 (11.1)	7/16 (11.1)	9/16 (14.3)
Dim. A., In. (mm)	5-3/4 (146)	5-3/4 (146)	5-3/4 (146)	8-13/16 (224)	9-1/4 (235)	10-1/2 (267)
Dim. B, In. (mm)	3-7/16 (87)	3-7/16 (87)	3-7/16 (87)	5-31/32 (152)	5-32/32 (152)	7-9/16 (192)

Robertshaw

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