



Style "MASS" Valve Assembly Stainless Steel

- **FEATURES**
- **Sizes 1-1/2 and 2"**
- **Stainless Steel Body**
- **316 SS Trim**
- **Single-seated...Piston Balanced...Direct-Acting**
- **Piston located above steam flow line for self-cleaning during operation**
- **Fully modulating provides greater sensitivity**
- **"Lifetime" Teflon* chevron stem maintenance free packing**
- **Quick-disconnect stem**
- **Non-sticking poppet - no chatter no rattle**
- **Tight closing**
- **Choice of end connections**

GENERAL DESCRIPTION

The Robertshaw Type "MASS" valve is similar to the "MA" (bronze body) except it has a stainless steel body for applications that have corrosive atmosphere or process.

SPECIFICATIONS

Type:Single-seated, fully balanced
Sizes: 1-1/2 and 2"
Action:Direct-acting only
 (closes on downward stem movement)
 Fully modulating in action.
Connections:Female threaded ends: 1-1/2"
 Class 150 & 300 ANSI flanges: 1-1/2 and 2"

Materials:

BodyCast Stainless Steel
Stem Highly finished 316 SS
Trim Seats & poppets 316 SS
PackingTeflon* chevrons (spring loaded)
Other partsStainless Steel

Capacity..... See C_v ratings in Dimensions table

Maximum Valve Design Ratings:

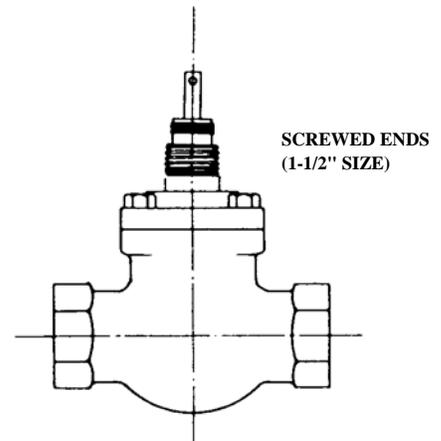
Maximum Pressure/Temperature:

Class 150:275 psi @ 100° F
 185.0 psi @ 450° F
Class 300:720 psi @ 100° F
 490 psi @ 450° F

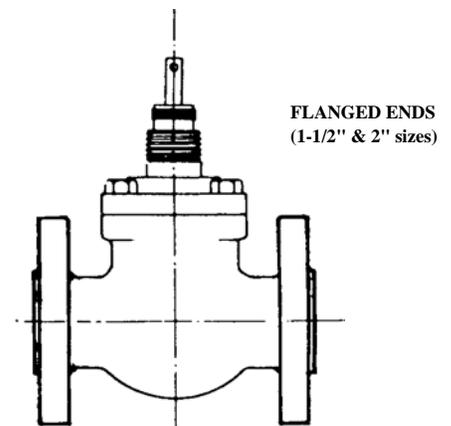
Maximum Pressure Drop:

1-1/2" size 250 psi
2" size 150 psi

*Teflon is a registered trade name of DuPont Company

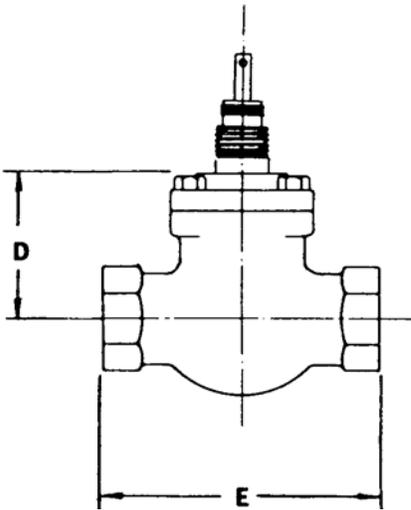


Direct-acting only

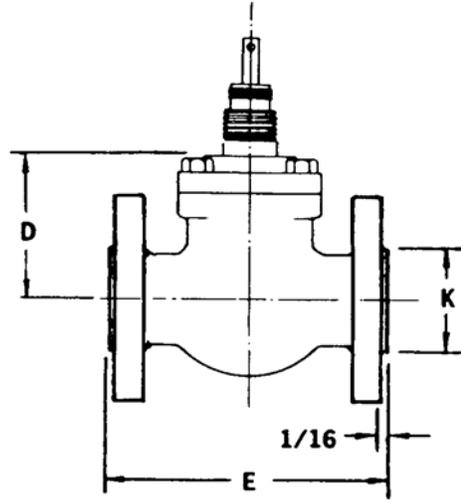


DIMENSIONS

Valve Size	C _v	Class	Ends	D	E	Flange Dia.	Flange Thk	Bolt Circle	No. of Bolts	Bolt Hole Dia.	K	Stroke
1-1/2"	30	300	Screwed	5-31/32	8-13/16							7/16
1-1/2"	30	150	Flanged	5-31/32	8-3/4	5"	9/16	3-7/8	4	5/8	2-7/8	7/16
1-1/2"	30	300	Flanged	5-31/32	9-1/4	6-1/8	13/16	4-1/2	4	7/8	2-7/8	7/16
2"	49	150	Flanged	7-9/16	10"	6"	9/16	4-3/4	4	3/4	3-5/8	9/16
2"	49	300	Flanged	7-9/16	10-1/2	6-1/2	13/16	5"	8	3/4	3-5/8	9/16



1-1/2" SIZES
(SCREWED ENDS)



1-1/2" AND 2" SIZES
(FLANGED ENDS)

NOTE: Maximum factory test allowable leakage is 0.01 % of rated capacity at 50, 75 and 100 psi (ANSI Class IV).



U.S.A. & Canada

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