



V231 2-WAY VALVE BODY with a Stainless Steel Trim

APPLICATION

- Control of Saturated Steam
- Water
- Water & Glycol solutions to 50%

The V231 2-way control valve body with a stainless steel trim can be used with the AV15Q linkage and selection of electric ME5000 series actuators.

See linkage and actuators datasheets.

For pneumatic applications select the actuator from the pneumatic actuator datasheet.

SPECIFICATIONS

Body Material	ANSI B16.15 Bronze 250lb. Threaded (NPT)
Trim	EQ%, 316 Series Stainless Steel
Stem	316 Stainless Steel
Bonnet	Brass / Bronze
Packing	Guided Low-Friction TFE V-Ring, Self Adjusting
Travel	3/4"

TRIM LIMITS

(Flowing Differential Pressure)

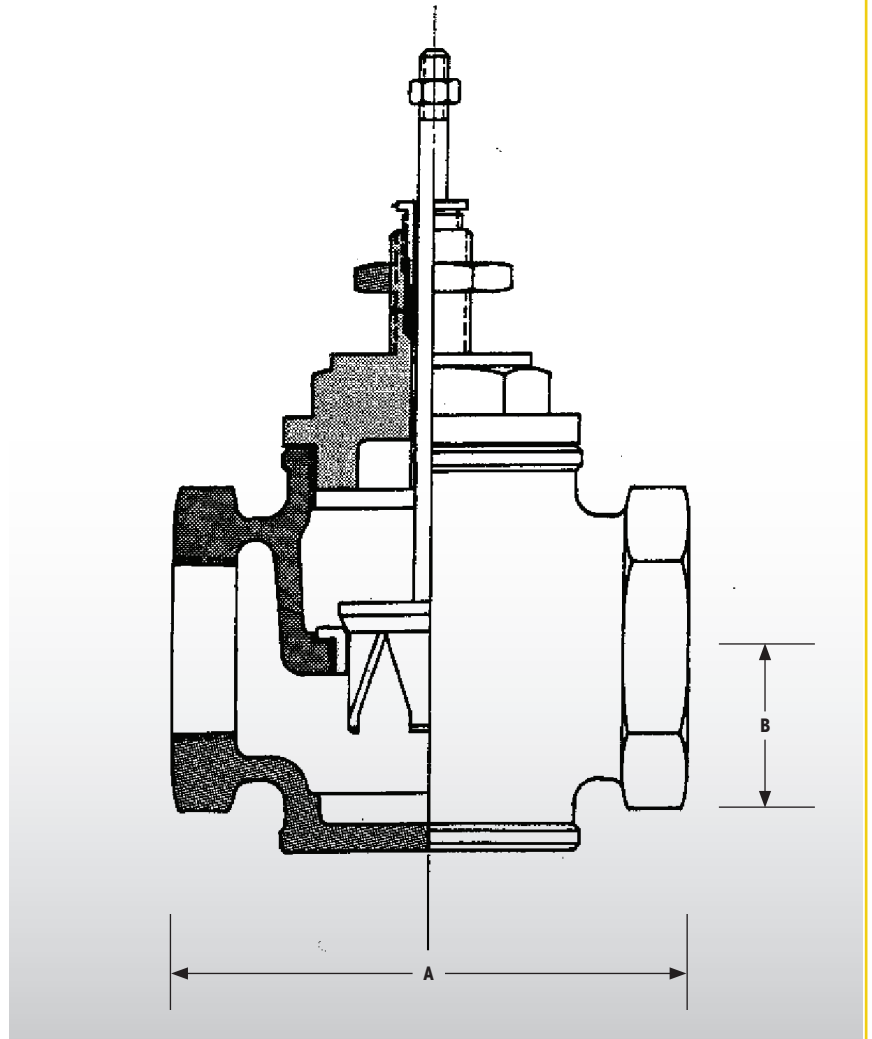
- **Stainless Steel Trim:** Liquid or Steam to 100 PSID
- **Seat Closure:** ANSI Class IV

BODY PRESSURE TEMPERATURE RATINGS

Temp	250 THD (ratings are PSIG)
+32 to 150 °F	400psi
+0 to 70 °C	
375 °F	275psi
190 °C	

NOTES

- 1) Inlet Pressure cannot exceed Body Pressure-Temperature Rating.
- 2) Shut-off PSID is per stated ANSI Shut-off Classification.
- 3) Flowing PSID for water service should be no greater than 2/3 of Inlet Pressure.



Size	Cv	Size in	Thd NPT	Trim	A	B	Weight lbs
1/2"	4.9	0.5	250	S/S	4 7/8"	2 3/4"	8 1/2
3/4"	7.2	.75	250	S/S	4 7/8"	2 3/4"	8 1/2
1"	10	1.0	250	S/S	4 7/8"	2 3/4"	8 1/2
1 1/4"	22.2	1.25	250	S/S	5 3/4"	3 1/4"	14 1/2
1 1/2"	24	1.5	250	S/S	5 3/4"	3 1/4"	14 1/2
2"	40	2	250	S/S	6 1/2"	3 5/8"	18 1/2

Actual shipping weights may vary.