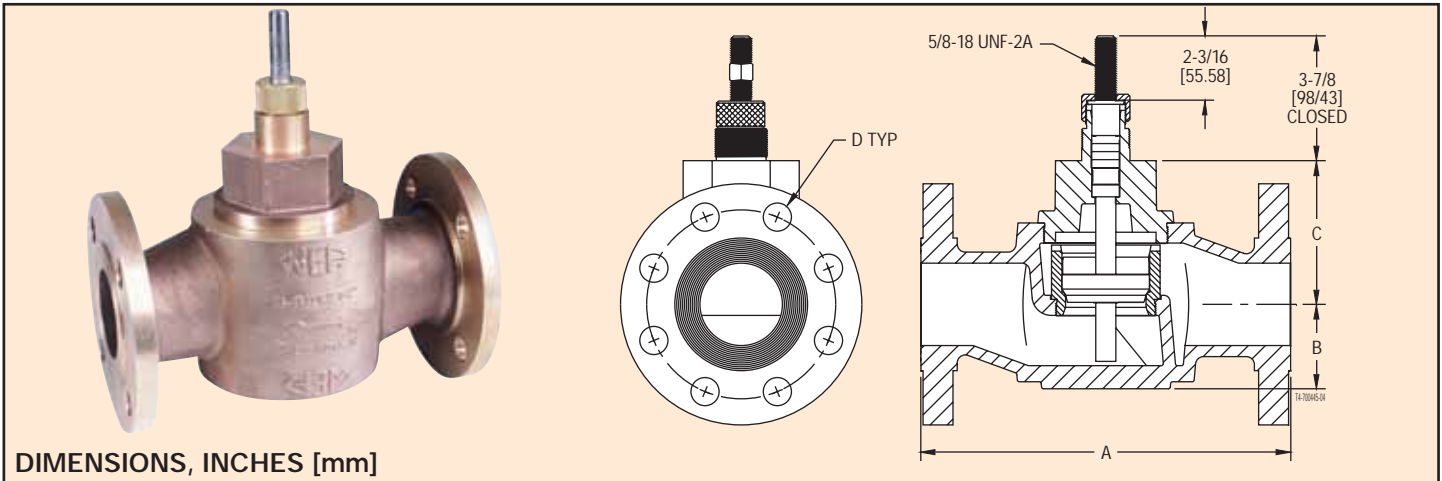




Series
2000VA

Flanged Hi-Flow™ Control Valves Body Only

Bronze, Stainless Steel or Iron, Excellent Control of Steam,
High Flow Capacity, Linear or Equal Percent Trim



DIMENSIONS, INCHES [mm]

VALVE SIZE	RATING	STROKE	AREA*	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"
2-1/2"	125/150#	7/8 [22.23]	4.909 [124.69]	10 ⁷ / ₈ [276.23]	2.58 [65.53]	4.52 [114.81]	7 [177.80]	(4) Ø3/4 [19.05] HOLES ON A 5 ¹ / ₂ [139.70] B.C.
2-1/2"	250/300#	7/8 [22.23]	4.909 [124.69]	11 ¹ / ₂ [292.10]	2.58 [65.53]	4.52 [114.81]	7 ¹ / ₂ [190.50]	(8) Ø7/8 [22.23] HOLES ON A 5 ¹ / ₂ [149.23] B.C.
3"	125/150#	1 [25.40]	7.069 [179.55]	11 ³ / ₄ [298.45]	2.70 [68.58]	4.64 [117.86]	7 ¹ / ₂ [190.50]	(4) Ø3/4 [19.05] HOLES ON A 6 [152.40] B.C.
3"	250/300#	1 [25.40]	7.069 [179.55]	12 ¹ / ₂ [317.50]	2.70 [68.58]	4.64 [117.86]	8 ¹ / ₄ [209.55]	(8) Ø7/8 [22.23] HOLES ON A 6 ¹ / ₂ [168.28] B.C.
4"	125/150#	1-1/8 [28.58]	12.566 [319.18]	13 ³ / ₈ [352.43]	2.95 [74.93]	4.89 [124.21]	9 [228.60]	(8) Ø3/4 [19.05] HOLES ON A 7 ¹ / ₂ [190.50] B.C.
4"	250/300#	1-1/8 [28.58]	12.566 [319.18]	14 ¹ / ₂ [368.30]	2.95 [74.93]	4.89 [124.21]	10 [254.00]	(8) Ø7/8 [22.23] HOLES ON A 7 ¹ / ₂ [200.03] B.C.

*Note: Unbalanced area of plug (Ap).

FLOW COEFFICIENTS, Cv vs. Percent of Total Travel

Size	10	20	30	40	50	60	70	80	90	100
2-1/2"	7.9	15.72	23.6	31.5	39.3	47.2	55.0	62.9	70.7	78.6
3"	11.3	22.60	34.0	45.3	56.6	67.9	79.1	90.6	101.9	113.2
4"	20.1	40.20	60.3	80.5	100.6	120.7	140.8	161.0	181.3	201.2

W.E. Anderson's Flanged Hi-Flow™ control valves incorporate the same versatility as our threaded, top-guided globe control valves. Designed for precise process control of pressure, temperature, flow and level, these valves conform to the requirements of Class 125 or Class 250 in Iron, or Class 150 and 300 in Bronze and Stainless Steel. Standard models incorporate push-to-close action and linear flow characteristics. Optional push-to-open, or equal percent flow characteristics are also available. High flow capacities and superior rangeability enable the Hi-Flow™ valve to be used for a wide range of process control applications.

Heavy-duty Hi-Flow™ control valves are ruggedly constructed of the highest quality materials, precision machined and performance tested to assure years of trouble-free service. Available with Bronze, Iron, or Stainless Steel body, trim is 316 SS with all welded plug construction to provide superior durability and corrosion resistance. Standard packing consists of spring loaded PTFE V-ring and wiper to minimize friction without leakage at high operating pressures. Inverted V-ring construction for vacuum service; double opposing V-ring construction for alternating pressure/vacuum service; and graphite packing with or without built in lubricator are also readily available.

SPECIFICATIONS

- Service:** Compatible liquids, gases, and steam.
- Line Size:** 2-1/2" to 4"
- Body Style:** 2-way, push-to-close globe.
- End Connections:** 2-1/2" to 4" flange. Standard ANSI Class 125 for iron body, ANSI Class 150 for bronze and 316 SS. Optional ANSI Class 250 for iron body, ANSI Class 300 for bronze or 316 SS. Dimensions comply with ANSI B16.1 or B16.5 requirements.
- Pressure Limit:** Iron and Bronze Body: 250 psi (17.2 bar), 316 SS Body: 300 psi (20.7 bar).
- Wetted Materials:**
 - Body Material:** Iron, bronze, or 316 SS.
 - Trim:** 316 SS.
 - Packing:** PTFE.
- Temperature Limits:** 20 to 400°F (-7 to 204.4°C).
- Flow Leakage:** Meets ANSI/FCI 70-2 Class IV (0.01% of Cv in the closed position).
- Stem Connection:** 5/16" - 24 NF2.
- Options:** Push-to-open, equal percentage characteristic, graphite packing with lubricator.

MODELS
(125# Flange for Iron, 150# Flange for Bronze and Stainless Steel*)

Size	Material	Model No.'s
2-1/2"	Bronze	2006VA32
	Iron	2006VA12
	St. Steel	2006VA42
3"	Bronze	2007VA32
	Iron	2007VA12
	St. Steel	2007VA42
4"	Bronze	2008VA32
	Iron	2008VA12
	St. Steel	2008VA42

*Note: For Higher pressure rated flange add suffix "-HRF". Contact factory for price.

Valves