



SERIES R6 / R7 / R8 TANK BOTTOM FLUSH BALL VALVES



The key features of the design include:

- Complete 316 SS construction
- Meets ASME Boiler and Pressure Vessel Codes
- Flush fill mounting flange eliminates media entrapment
- Efficient rotary design with manual or automated operation
- Variety of interchangeable seat and seal materials
- Variety of end connections
- Suitable for most fluids
- Pressure rated to 900 WOG non shock
- Temperatures from -70 to 650^o F. (See pressure / temperature chart for specific seating materials)
- R6 design use body bolts for actuator mounting
- R7 & R8 have a mounting pad to ISO 5211

Applications

SVF Tank Bottom Ball Valves are designed for applications in Biotech, Pharmaceuticals, Food, Chemicals and Cosmetics processing where fluids are stored and dispensed through a tanking system.

SVF Tank Bottom Valves Meet All Necessary Agency Standards

ASME Boiler & Pressure Code, Section VIII, Division 1 Tank Bottom Flange

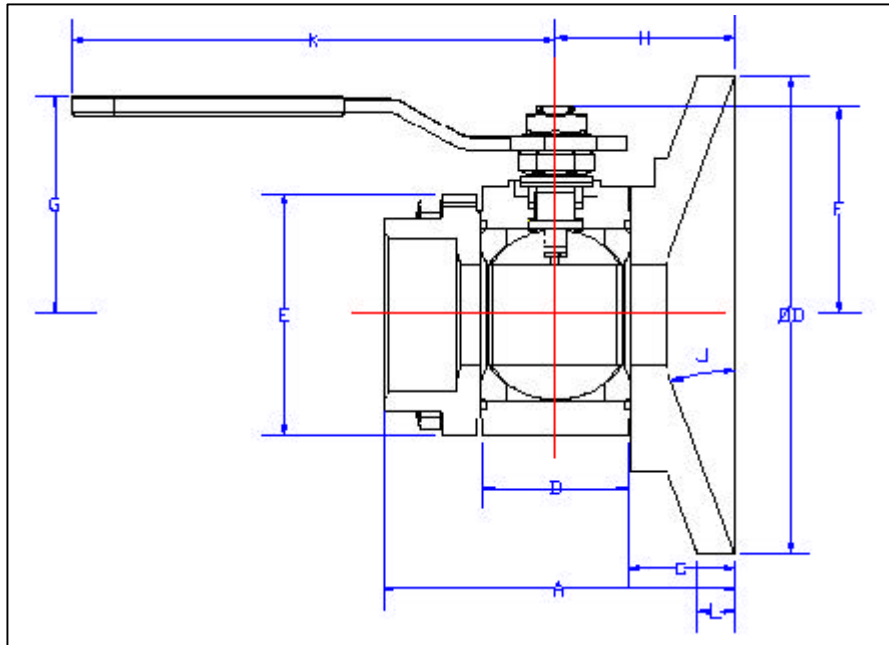
ANSI B16.11, B16.25, B16.34, B31.1, B31.3

Material Specifications

Sizes	3/4" to 4"
Body Material	Stainless Steel, ASTM A351-CF8M
Tank Flange	ASTM A351-CF8M 1"-3" 20° 4" 16° ^o
Style	3-Piece Body
Stem	1-Piece SS Bottom Entry
Seat	TFE, RTFE, UHMWPE, NRG
Body Seal	TFE, UHMWPE
Stem Seal	RTFE, UHMWPE, NRG
Thrust Bearing	RTFE, UHMWPE
Body Bolts	ASTM A449 OR A193 Gr. 8 (304)
Body Nuts	ASTM A563 Gr. B OR A194 Gr. 8
Pipe Ends	FNPT, SW, BW, Tri-Clamp, TOBWB, Flange
Purge Ports	Upon Request
Cavity Fillers	Upon Request
Electropolished	Upon Request



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DIMENSIONAL DATA

Size	Port	A	B	C	D	F	G	H	J	K	L
3/4"	0.56	2.70	0.97	0.81	2.76	1.59	1.87	1.29	20°	4.49	?
1"	0.81	3.43	1.25	0.97	3.75	2.19	2.40	1.59	20°	5.75	?
1 1/2"	1.25	4.47	1.91	1.23	5.00	2.87	3.15	2.20	20°	7.01	?
2"	1.50	5.01	2.22	1.38	6.00	3.07	3.31	2.51	20°	7.01	?
2 1/2"	2.00	5.99	2.86	1.58	8.00	2.92	5.59	3.01	20°	8.90	?
3"	2.50	6.46	3.28	1.49	8.00	3.87	7.30	3.16	20°	13.80	?
4"	3.25	7.99	4.28	1.64	10.00	4.49	7.92	3.80	16°	22.00	?