

MODEL 4001

Stainless Steel Flanged End Ball Valve

- Cast 316 Stainless Steel (CF8M)
- Teflon® Fused Solid Stainless Steel Ball
- Blow-out Proof Stainless Steel Stem
- Reinforced Teflon® Seats
- Full Opening for Unrestricted Flow
- Lockable in Full Open or Closed Positions
- API 607 Fire Safe Design
- Mounting Pad for Easy Actuation
- Adjustable Length/Removable Handles to fit into areas of limited space.

Part	Material
Body	ASTM A351-CF8M
Ball	ASTM A351-CF8M /Teflon® Fused
Stem	A276-316
Gland Plate	AISI 304
Handle	ASTM A312 Schedule 40 GR 304
Handle Bracket	ASTM A351 CF8
Packing Follower	A276-316
Stem Indicator	AISI 304
Handle Bracket Clip	AISI 304
Stem Stud	A193-B8
Gland Stud	A193-B8
Body Stud	A193-B8
Body Nut	A194-B8
Handle Bracket Bolt	A193-B8
Packing	PTFE
Body Gasket	PTFE
Seat Ring	RPTFE-15% GF
Handle Grip	Vinyl Rubber Foam

This patented Stainless Steel Ball Valve with Teflon fused ball has been Engineered to more effectively resist corrosion and prolong valve life.

Teflon® is a registered trademark of DuPont.

SPECIFICATIONS:

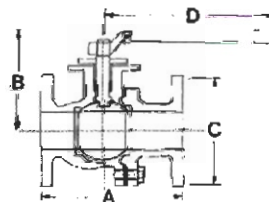
MSS SP-72
 FED. SPEC. WW-V-35
 ANSI B16.5 Raised Face
 AWWA C507-99 Proof of Design Test
 ANSI/NSF 61-8 / California Prop. 65

RATING:

150 psi WSP
 300 psi WOG
 366° F

DIMENSIONS:

	1 ½	2	2 ½	3	4	6
A Face to Face	6 ½	7	7 ½	8	9	10 ½
B Center of Port to Top	5	5 ½	7	7 ½	8 ½	13
C Flange Diameter	5	6	7	7 ½	9	11
D Center of Valve to Handle End	12	12	13 ½	13 ½	15 ½	30
E Port Diameter	1 ½	2	2 ½	3	4	6
Bolt Holes	4	4	4	4	8	8
Weight lbs.	16	22	36	48	75	131
CV*	260	500	750	1245	2600	5470



SAMPLE SPECIFICATION:

Ball valves shall be full port and of the floating-ball design capable of providing bi-directional, tight shutoff in accordance with MSS SP-72. The valves shall be rated at 150# WSP/300# WOG. Bodies shall be stainless steel per ASTM A351-CF8M, With ANSI Class 150 raised-face flanges. The interior and exterior of the body shall be epoxy-coated. The ball shall be PTFE lined stainless steel, with a 316 stainless steel blowout-proof stem. The seats and body seals shall be PTFE. The stem seal shall be PTFE, externally adjustable chevron type. Valves shall be equipped with locking handles as standard. If service conditions require, valves may be equipped with 2" square operating nuts, manual gear operators, or pneumatic, electric, or hydraulic actuators. Valves shall be the Series 4001 as manufactured by American Valve, Inc. or as approved by the engineer.