



Multi-Choice Full Port Weld-In-Place Design

Eliminate valve disassembly when welded ball valves are required.



Model Number

Stainless Steel Carbon Steel

Butt Weld	335-SS	235-CS
Socket Weld	325-SS	225-CS

**Socket Weld
Size 2-1/2"**



Size Range:
1/4" - 4"

Temp. Range:
Consult Factory

Pressure:
1500 MAWP/WOG size 1/4"-2 1/2"
1250 MAWP/WOG size 3"-4"

Features

- Safer Installation**
- Reduced Liability**
- Save Valuable Time**
- Reduce Labor Cost**
- Assures Fool-Proof Installation**

**Butt Weld
Size 3/4"**

Multi-Choice Weld-In-Place

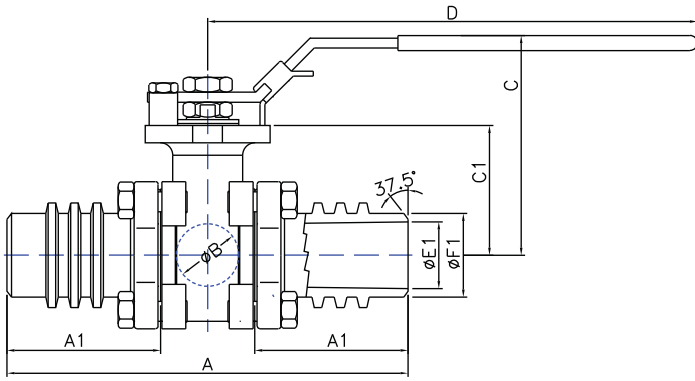
STANDARD PART NUMBER

- 225-CS-2-FFF-L (CS SW)
- 235-CS-3-FFF-L (CS BW)
- 325-SS-2-FFF-L (SS SW)
- 335-SS-3-FFF-L (SS BW)

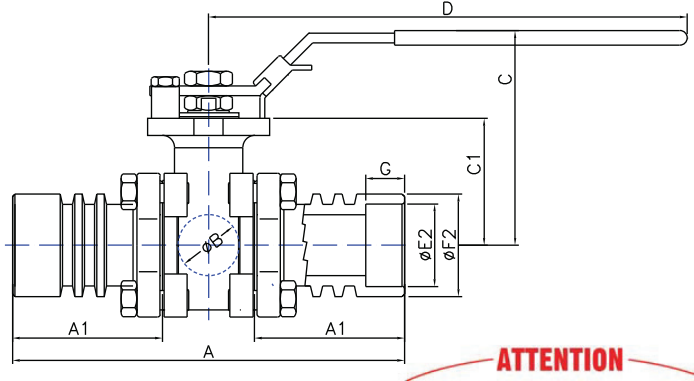
Flo-Tite's Weld-In-Place Design Advantage

Flo-Tite's Multi-Choice three piece Series Ball Valves with socket or butt weld connections offer an important advantage of integral extended end caps with heat sink rings that have a series of radiator-type grooves cast into the outside diameter. This creates increased surface area, allowing more heat to dissipate during welding, protecting the valve seat materials from damaging heat transfer. This unique design allows Flo-Tite's three piece soft-seated valves to be welded into the piping system without disassembly and without special welding procedures. Flo-Tite's special end cap design is supported with Super-Tek body seals and SuperTek TFM seats, which are provided standard in this high performance ball valve. Our unique design also minimizes potential installation errors, while providing a cost effective and safe installation for both manual and automated ball valves.

Dimensions / Tech Data



Butt Weld



Socket Weld

ATTENTION
MAWP/WOG is a do not exceed pressure at normal ambient NPT & Weld End Models

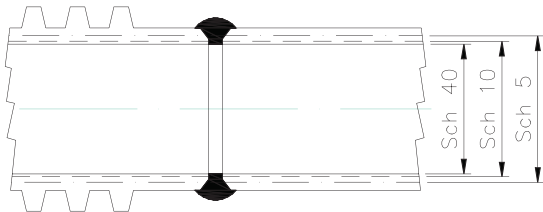
Size	A	A1	B	C	C1	D	Sch 40		Sch 10		Sch 5		E2	F2	G	Cv
							E1	F1	E1	F1	E1	F1				
1/4"	5.57	2.26	0.374	2.92	1.54	6.50	0.37	0.63	0.41	0.56	-	-	0.56	0.88	0.50	20
3/8"	5.57	2.26	0.50	2.92	1.54	6.50	0.49	0.78	0.54	0.69	-	-	0.69	0.98	0.50	24
1/2"	5.57	2.26	0.59	2.60	1.54	6.50	0.62	0.84	0.67	0.84	0.71	0.84	0.85	1.10	0.50	30
3/4"	6.06	2.38	0.79	2.91	1.66	6.50	0.82	1.05	0.88	1.05	0.92	1.05	1.07	1.39	0.56	50
1"	6.32	2.42	0.98	3.43	2.05	7.87	1.05	1.31	1.10	1.31	1.19	1.31	1.33	1.65	0.63	94
1 1/4"	5.71	1.93	1.26	3.70	2.21	7.87	1.38	1.73	1.44	1.68	1.53	1.68	1.68	2.05	0.69	185
1 1/2"	6.94	2.33	1.50	4.13	2.60	9.84	1.61	1.90	1.68	1.90	1.77	1.90	1.91	2.36	0.75	265
2"	7.76	2.51	1.97	4.53	2.95	9.84	2.07	2.38	2.16	2.38	2.25	2.38	2.41	2.91	0.87	502
2 1/2"	8.76	2.70	2.56	5.36	3.39	9.84	2.46	2.95	2.63	2.91	2.71	2.91	2.91	3.39	0.98	812
3"	9.45	2.72	2.99	6.40	3.72	15.4	3.07	3.50	3.26	3.50	3.33	3.50	3.54	4.17	0.98	1148
4"	10.56	2.84	4.02	7.10	4.35	15.4	4.03	4.50	4.26	4.50	4.33	4.50	4.54	5.31	1.18	2130

All weld end connections are either 316L/CF3M or WCB A216 carbon steel. Schedule 40 standard, optional Sch 5 or Sch 10.

Schedule 80 & Schedule 160 are available in other Flo-Tite's Models

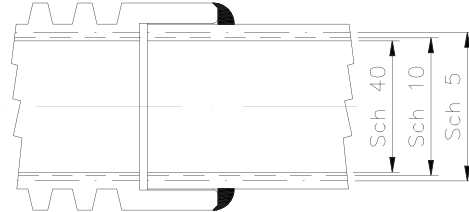
Flo-Tite's welding ends adhere to Test Specification: ASME B16.11

Butt Weld End



The butt weld ends are prepared by beveling each end of the valve to match a similar bevel on the pipe. The two ends are then butted to the pipe line and joined with a full penetration weld.

Socket Weld End



The socket weld ends are prepared by boring in each end of the valve a socket with an inside diameter slightly larger than the pipe outside diameter. The pipe slips into the socket where it butts against a shoulder and then joins to the valve with a fillet weld.

Additional valve technical information can be found in our **Multi-Choice Series Brochure, Tech Bulletin Page 45.**

Disassembly is not Suggested. Failure do to disassembly may not be covered under factory warranty.

Larger Sizes Consult Factory



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