



86-600 Series

Stainless Steel 3-Piece High Pressure Full Port Socket Weld Ball Valve

Socket Weld, 1/2" to 1" 1500 psig WOG, 1-1/4" & 2" 1250 psig WOG, Cold Non-Shock. 150 psig Saturated Steam.

Vacuum Service to 29 inches Hg.

Federal Specification: WW-V-35C, Type: II, Composition: SS, Style: 1.

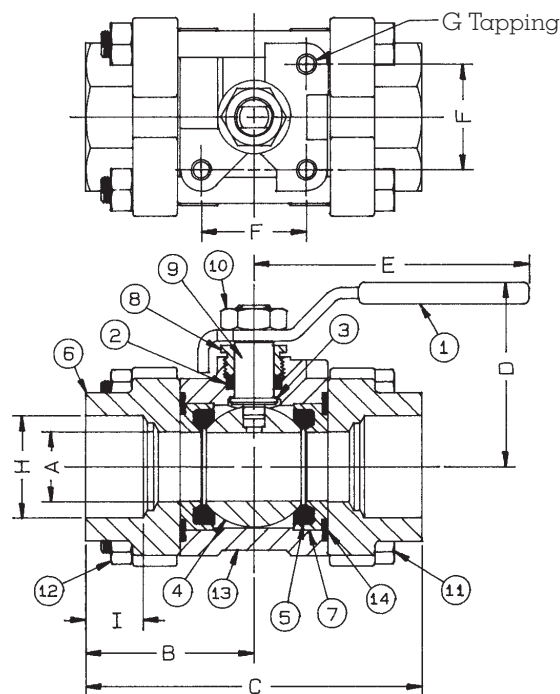
MSS SP-110; Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends.

FEATURES

- Adjustable packing gland
- In-line repairable
- Blow-out-proof stem design
- (-29) certified to API 607 4th ed. Class 600 burn
- Meets NACE MR-01-75
- Investment Cast Components
- Actuator mounting pad (3/4" to 2")
- RPTFE seats and seals

STANDARD MATERIAL LIST

1. Lever and grip	304 SS w/vinyl	8. Gland nut	A276-316
2. Stem packing	RPTFE	9. Stem	A276-316
3. Stem bearing	RPTFE	10. Lever nut	18-8 SS
4. Ball	A276-316	11. Body bolt (4)	18-8 SS
5. Seat (2)	RPTFE	12. Hex nut (4)	18-8 SS
6. End cap (2)	A351-CF3M	13. Body	A351-CF8M
7. Seat holder (2)	A276-316	14. Body seal (2)	RPTFE



STAINLESS STEEL 3-PIECE HIGH PRESSURE FULL PORT SOCKET WELD BALL VALVE

OPTIONS AVAILABLE:

(SUFFIX) OPTION	SIZES
-02- Static Grounded	1/2" to 2"
-03- 1-1/4" Stem Extension	1/2" to 2"
-04- 2-1/4" Stem Extension	1/2" to 2"
-07- Tee Handle	1/2" to 2"
-08- 90° Reversed Stem	1/2" to 2"
-14- Vented Ball (see page J-2)	1/2" to 2"
-15- Round Handle	1/2" to 2"
-16- Vertical Chain Lever	1/2" to 2"
-18- Plain Yellow Grip	1/2" to 2"
-27- Latch Lock Lever	1/2" to 2"
-29- Firesafe	1/2" to 2"
-32- SS Tee Handle & Nut	1/2" to 2"
-38- PEEK Seats & Bearing (Graphite Packing & Seals)	1/2" to 2"
-45- Less Lever & Nut	1/2" to 2"
-48- SS Oval Handle (No Latch) & Nut	1/2" to 2"
-49- Assembled Dry	1/2" to 2"
-56- Multifill Seats	1/2" to 2"
-57- Oxygen Cleaned	1/2" to 2"
-58- Chain Lever - Horizontal	1/2" to 2"
-60- Grounded Ball & Stem	1/2" to 2"
-64- 250# Steam Trim	1/2" to 2"

For Pressure/Temperature Ratings, Refer to Page M-11, Graph No. 12

NUMBER	SIZE	A	B	C	D	E	F	G	H	I	Wt.
86-603-01	1/2"	.62	1.69	3.38	2.00	4.81	N/A	N/A	.855	.43	1.60
86-604-01A	3/4"	.81	1.93	3.87	2.18	4.81	1.25	1/4-20	1.065	.56	2.24
86-605-01A	1"	1.00	2.25	4.50	2.62	5.50	1.62	5/16-18	1.330	.68	3.32
86-606-01A	1-1/4"	1.25	2.43	4.87	2.87	5.50	1.62	5/16-18	1.675	.81	5.85
86-607-01A	1-1/2"	1.50	2.62	5.25	3.35	8.00	1.62	5/16-18	1.915	.87	8.62
86-608-01A	2"	2.00	3.12	6.25	3.75	8.00	1.62	5/16-18	2.406	1.06	15.60