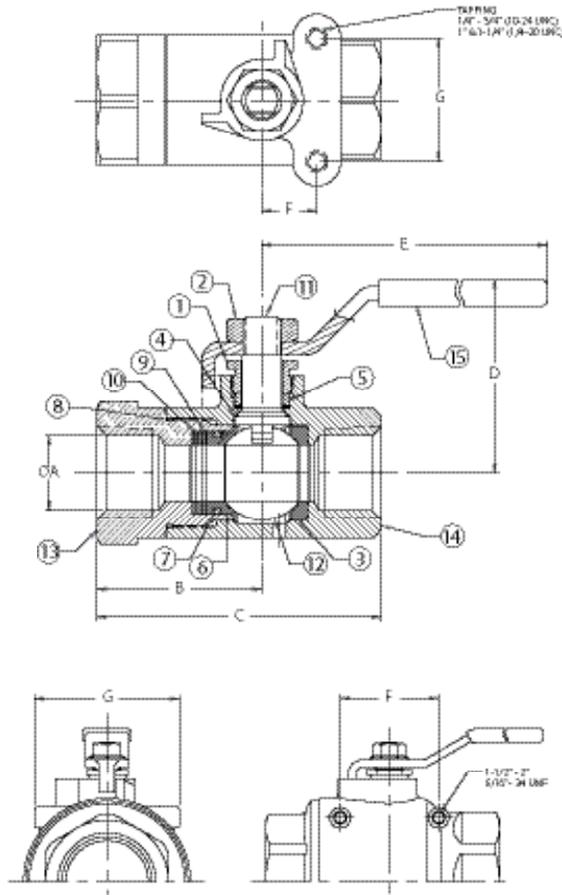


Female NPT Thread, 0-200 psig, -20°F to 150°F  
MSS SP-110 Compliant.

### FEATURES

- Reinforced seats
- Mounting pad for easy actuator mounting
- Down stream venting in closed position

- Blowout-proof stem design
- Adjustable packing gland
- Full port for full flow & min. pressure drop



### OPTIONS AVAILABLE

(MORE INFORMATION IN SECTION J)

- Minimum quantities apply
- To specify an option, replace the "01" standard suffix with the suffix of the option.
- To specify multiple options, replace the "01" suffix with the desired suffixes in the numerical order shown below. NOTE: Not all suffixes can be combined together.

(SUFFIX)	OPTION	SIZES
-01-	Standard Configuration	All
-02-	Stem Grounded	1/4" to 2"
-04-	2-1/4" Stem Extension (Carbon Steel, Zinc Plated)	1/4" to 1-1/4"
-07-	Steel Tee Handle	1/4" to 1-1/4"
-08-	90° Reversed Stem	1/4" to 2"
-10-	SS Lever & Nut	1/4" to 2"
-15-	Wheel Handle, Steel	1/4" to 1-1/4"
-16-	Chain Lever - Vertical	3/4" to 2"
-17-	Rough Chrome Plated - Bronze Valves	1/4" to 2"
-18-	Plain Yellow Grip	1/4" to 2"
-24-	Graphite Packing	1/4" to 2"
-27-	SS Latch-Lock Lever & Nut	1/4" to 2"
-30-	Cam-Lock and Grounded	1/4" to 1-1/4"
-32-	SS Tee Handle & Nut	1/4" to 1-1/4"
-36-	SS High-Rise Round Handle & Nut	1/4" to 1-1/4"
-40-	Cyl-Loc and Grounded	1/4" to 1-1/4"
-45-	Less Lever & Nut	1/4" to 2"
-46-	Latch Lock Lever - Lock in Closed Position Only	1/4" to 2"
-47-	SS Oval Latch-Lock Handle & Nut	1/4" to 3/4"
-48-	SS Oval Handle (No Latch) & Nut	1/4" to 2"
-49-	No Lubrication. Assembled Dry.	1/4" to 2"
-50-	2-1/4" CS Locking Stem Extension	1/4" to 2"
-57-	Oxygen Cleaned	1/4" to 2"
-58-	Chain Lever - Horizontal	3/4" to 2"
-60-	Static Grounded Ball & Stem	1/4" to 2"

### DIMENSIONS

PART NO.	SIZE	A	B	C	D	E	F	G	WT.
77-101-SV	1/4"	0.43	1.43	2.52	1.76	3.88	0.50	1.12	0.79
77-102-SV	3/8"	0.50	1.60	2.69	1.76	3.88	0.50	1.12	0.75
77-103-SV	1/2"	0.50	1.50	2.59	1.76	3.88	0.50	1.12	0.69
77-104-SV	3/4"	0.81	1.82	3.37	2.16	5.43	0.87	1.37	1.83
77-105-SV	1"	1.00	2.05	3.86	2.69	5.43	0.93	1.50	3.32
77-106-SV	1-1/4"	1.25	2.37	4.50	2.91	5.43	0.93	1.50	5.05
77-107-SV	1-1/2"	1.50	2.63	7.78	3.31	7.78	2.08	3.06	6.71
77-108-SV	2"	2.00	3.00	5.69	3.73	7.78	2.40	3.52	11.75

### STANDARD MATERIAL LIST

	PART	MATERIAL
1	Packing gland	B16 Brass
2	Lever nut	Steel, zinc plated
3	Seat	RPTFE
4	Stem bearing	RPTFE
5	Stem packing	MPTFE
6	Seat	RPTFE
7	O-ring	Fluorosilicone
8	Body seal	PTFE (1-1/4" to 2")
9	Spacer	B16 Brass
10	Belleville washers	SS
11	Stem	B16 Brass
12	Ball	B16 Brass, chrome plated
13	Retainer	B16 Brass (1/4" to 1") B584 C84400 (1-1/4" to 2")
14	Body	B584 C84400
15	Lever/grip	Steel, zinc plated w/vinyl