

Female NPT Thread, 1/4" to 1" 2000 CWP (psig), 1-1/4" to 2" 1500 CWP (psig), Cold Non-Shock.
150 psig Saturated Steam.
Vacuum Service to 29 inches Hg.
MSS SP-110 Compliant.

FEATURES

- Fire safe to API 607 (requires -24 suffix)
- Investment cast body
- Reinforced seats and seals
- Blowout-proof stem design

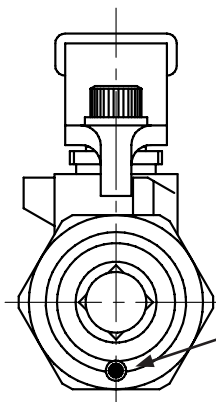
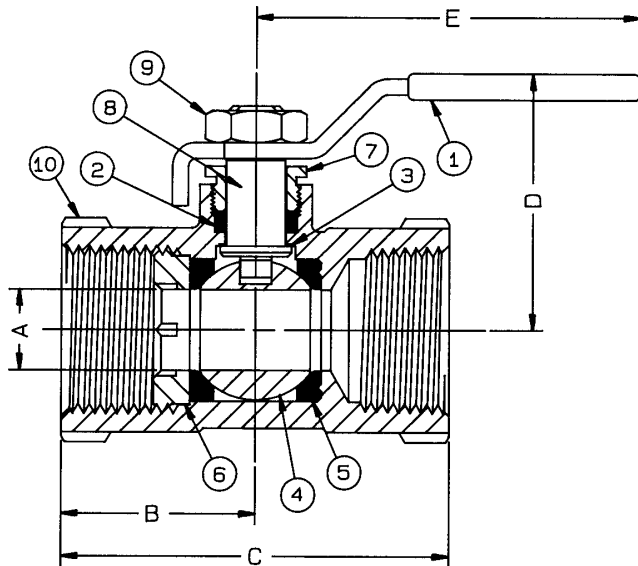
- Adjustable packing gland
- Meets NACE MR0175 (2000) & MR0103 (2012)
- Compact
- AAR Approval No. E989054

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 2"
-07-	Steel Tee Handle	1/4" to 2"
-08-	90° Reversed Stem	3/4" to 2"
-14-	Side Vented Ball (Uni-Directional)	1/4" to 2"
-15-	Wheel Handle, Steel	1/4" to 2"
-16-	Chain Lever - Vertical	1" to 2"
-24-	Graphite Packing, PTFE Body Seal, RPTFE Bearing (Fire Safe API 607, 6th Edition, ISO 10497:2010)	1/4" to 2"
-27-	SS Latch-Lock Lever & Nut	1/4" to 2"
-30-	Cam-Lock Handle & Grounded	1/4" to 2"
-32-	SS Tee Handle & Nut	1/4" to 2"
-39-	SS Hi-Rise, Locking Wheel Handle, SS Nut	1/2" to 1-1/2"
-40-	Cyl-Loc & Grounded	3/4" to 2"
-45-	Less Lever & Nut	1/4" to 2"
-47-	SS Oval Latch-Lock Handle & Nut	1/4" to 2"
-49-	No Lubrication. Assembled Dry.	1/4" to 2"
-57-	Oxygen Cleaned	1/4" to 2"
-58-	Chain Lever - Horizontal	1" to 2"
-60-	Grounded Ball & Stem	3/4" to 2"
-UA-	AIS (American Iron & Steel) Compliant	All



RETAINER PINNED
1/4" & 3/8" ONLY

DIMENSIONS

PART NO.	SIZE	A	B	C	D	E	WT.
96-101-01	1/4"	0.38	1.14	2.21	1.64	3.87	0.49
96-102-01	3/8"	0.38	1.14	2.21	1.64	3.87	0.49
96-103-01	1/2"	0.38	1.14	2.21	1.64	3.87	0.49
96-104-01	3/4"	0.50	1.33	2.70	1.78	3.87	0.76
96-105-01	1"	0.63	1.51	3.03	2.00	4.78	1.21
96-106-01	1-1/4"	0.81	1.79	3.62	2.18	4.78	1.95
96-107-01	1-1/2"	1.00	1.95	4.00	2.66	5.43	2.92
96-108-01	2"	1.25	2.28	4.73	2.87	5.43	4.73

Pressure/Temperature Ratings -
Page M-14, Graph No. 14 (1/4" to 1")
Page M-13, Graph No. 12 (1-1/4" to 2")

STANDARD MATERIAL LIST

PART	MATERIAL
1 Lever and grip	304 SS w/vinyl
2 Stem packing	MPTFE
3 Stem bearing	RPTFE
4 Ball	A276-316
5 Seat (2)	RPTFE
6 Retainer	A276-316
7 Gland nut	A276-316
8 Stem	A276-316
9 Lever nut (Screw 1/4" to 1/2")	18-8 SS
10 Body	A351-CF8M