

Female NPT Thread, 2000 CWP (psig). Cold Non-Shock. (See referenced P/T chart)
150 psig Saturated Steam.
Vacuum Service to 29 inches Hg.

FEATURES

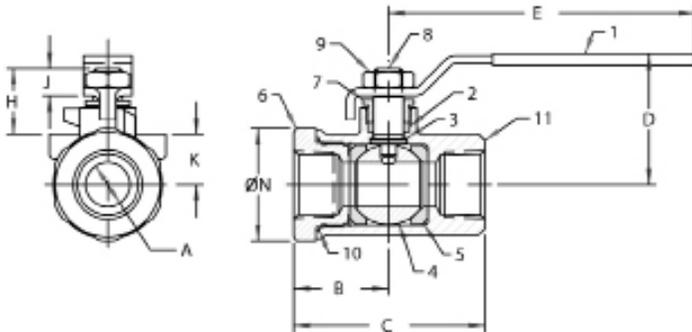
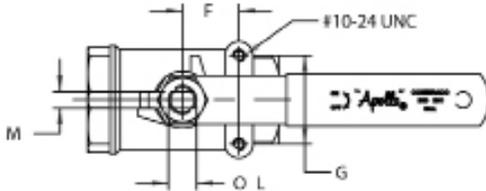
- Investment cast components
- Reinforced seats
- Mounting pad for easy actuator mounting
- Fire safe "by design" (requires -24 suffix)

- Blowout-proof stem design
- Adjustable packing gland
- Meets NACE MR0175 (2000) & MR0103 (2003)

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
-P -01-	BSPP (Parallel) Thread Connection	All
-T -01-	BSPT (Tapered) Thread Connection	All
-02-	Stem Grounded	All
-04-	2-1/4" Stem Extension (Carbon Steel, Zinc Plated)	All
-07-	Steel Tee Handle	All
-08-	90° Reversed Stem	All
-14-	Side Vented Ball (Uni-Directional)	All
-15-	Wheel Handle, Steel	All
-16-	Chain Lever - Vertical	3/4" to 1"
-18-	Plain Yellow Grip	All
-19-	Lock Plate	All
-21-	UHMWPE Trim (Non-PTFE)	All
-24-	Graphite Packing (Fire Safe "By Design")	All
-27-	SS Latch-Lock Lever & Nut	All
-28-	Mounting Pad Not Drilled & Tapped	All
-30-	Cam-Lock and Grounded	All
-32-	SS Tee Handle & Nut	All
-35-	PTFE Trim	All
-40-	Cyl-Loc and Grounded	All
-45-	Less Lever & Nut	All
-46-	Latch Lock Lever - Lock in Closed Position Only	All
-47-	SS Oval Latch-Lock Handle & Nut	All
-48-	SS Oval Handle (No Latch) & Nut	All
-49-	No Lubrication. Assembled Dry.	All
-50-	2-1/4" CS Locking Stem Extension	All
-56-	Multifill Seats & Packing	All
-57-	Oxygen Cleaned	All
-58-	Chain Lever - Horizontal	3/4" to 1"
-60-	Static Grounded Ball & Stem	All
-64-	250# Steam Trim (MPTFE Seats & Packing) Use with 316 SS Ball & Stem Variation	All

STANDARD MATERIAL LIST

PART	MATERIAL	
1	Lever and grip	304 SS w/vinyl
2	Stem packing	MPTFE
3	Stem bearing	RPTFE
4	Ball	B463-20CB-3
5	Seat (2)	RPTFE
6	Retainer	A351-CN7M
7	Gland nut	316 SS
8	Stem	B473-N08020
9	Lever nut	304 SS
10	Body seal	PTFE
11	Body	A351-CN7M

Pressure/Temperature Ratings - Page M-17, Graph No. 20

DIMENSIONS

PART NO.	SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	WT.
399-101-01A	1/4"	0.37	1.02	2.05	1.71	3.85	0.50	1.12	0.88	0.34	0.53	0.375	0.234	1.16	0.58
399-102-01A	3/8"	0.37	1.02	2.05	1.71	3.85	0.50	1.12	0.88	0.34	0.53	0.375	0.234	1.16	0.55
399-103-01A	1/2"	0.50	1.12	2.23	1.79	3.85	0.50	1.12	0.90	0.34	0.59	0.375	0.234	1.38	0.63
399-104-01A	3/4"	0.75	1.47	2.96	2.03	4.75	0.87	1.37	1.02	0.42	0.78	0.437	0.256	1.75	1.30
399-105-01A	1"	1.00	1.67	3.34	2.16	4.75	0.87	1.37	1.02	0.42	0.91	0.437	0.256	1.94	1.60