



489-100 Series

Carbon Steel LP-Gas Ball Valve



NPT Threaded. 1/4" to 1" 2000 psig WOG; 1-1/4" to 2" 1500 psig WOG; 2-1/2" to 3" 1000 psig WOG.
Cold Non-Shock. 250 psig LP-Gas. 150 psig Saturated Steam. Vacuum Service to 29 in. Hg.
Federal Specification: WW-V-35C. Type: II. Composition: CS. Style: 3.
MSS SP-110; Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends.

FEATURES

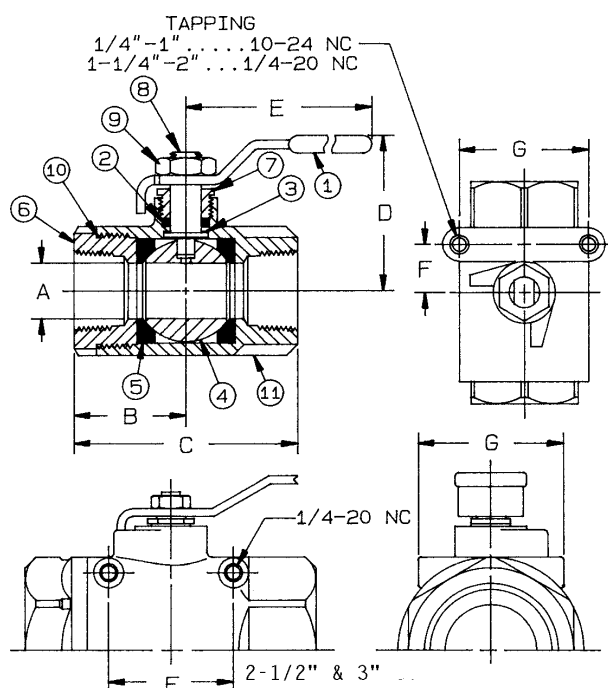
- UL Listed for LP-Gas, natural gas and flammable liquid to 250 psig
- Reinforced seats
- Mounting pad for easy actuator mounting
- Investment cast components
- Blow-out-proof stem design
- Adjustable packing gland
- Zinc phosphate corrosion protection

UL LISTINGS



- Guide YSDT: LP-Gas shut-off valve.
- Guide YRPV: Gas shut-off valve for use with natural and manufactured gases.
- Guide YRBX: Flammable liquid shutoff valve.
- Guide MHKZ: No. 6 oil at 250°F.

STANDARD MATERIAL LIST



- | | |
|-------------------|--|
| 1. Lever and grip | Steel, zinc plated w/vinyl |
| 2. Stem packing | RPTFE |
| 3. Stem bearing | RPTFE |
| 4. Ball | A108-12L14, chrome plated |
| 5. Seat (2) | RPTFE |
| 6. Retainer | A108-12L14 (1/4" to 1")
A216-WCB (1-1/4" to 3") |
| 7. Gland nut | A108-12L14 |
| 8. Stem | A108-12L14 |
| 9. Lever nut | Steel, zinc plated |
| 10. Body seal | PTFE (1-1/4" to 3") |
| 11. Body | A216-WCB |

VARIATIONS AVAILABLE:

489-140-01 Series with 316 SS Ball and Stem,
UL Listed as noted above.

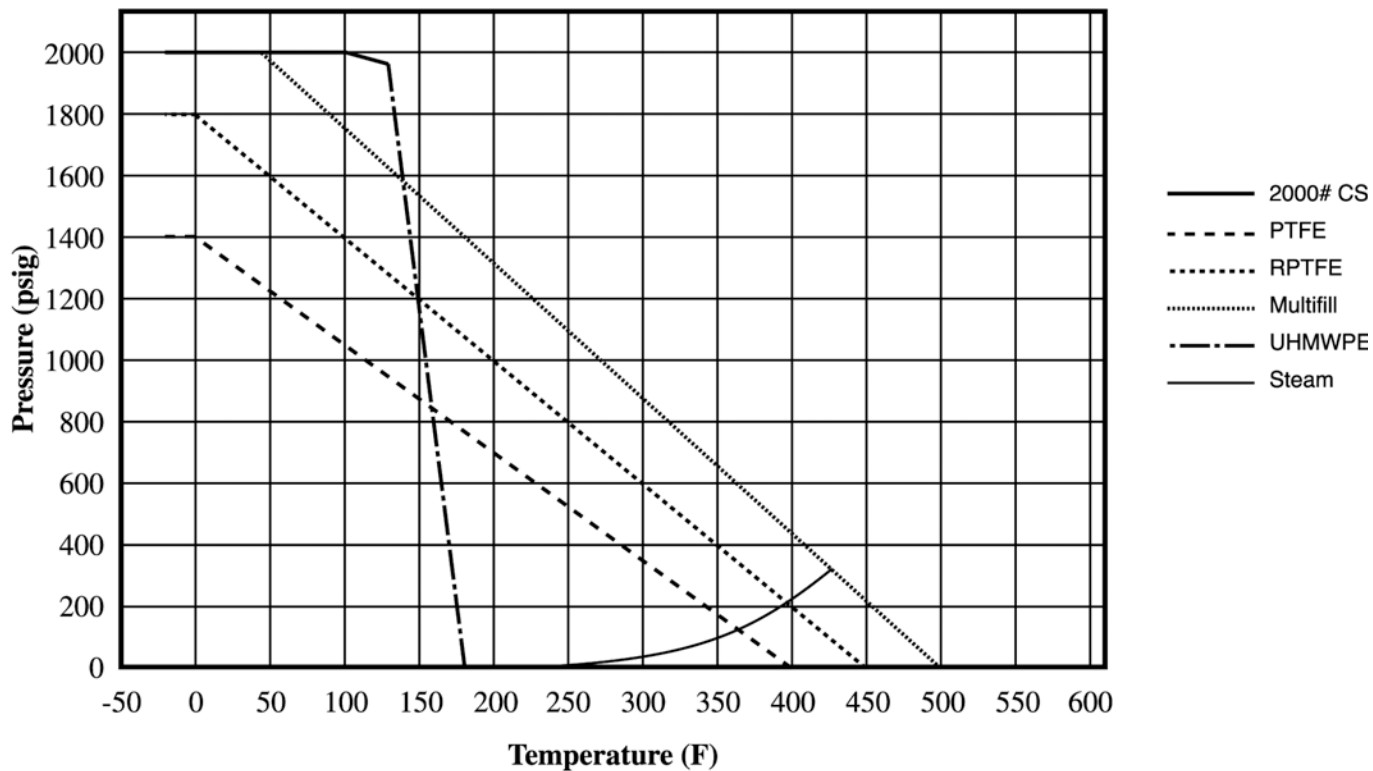
Note: 250 psig Max. UL Listing.

CARBON STEEL BALL VALVE

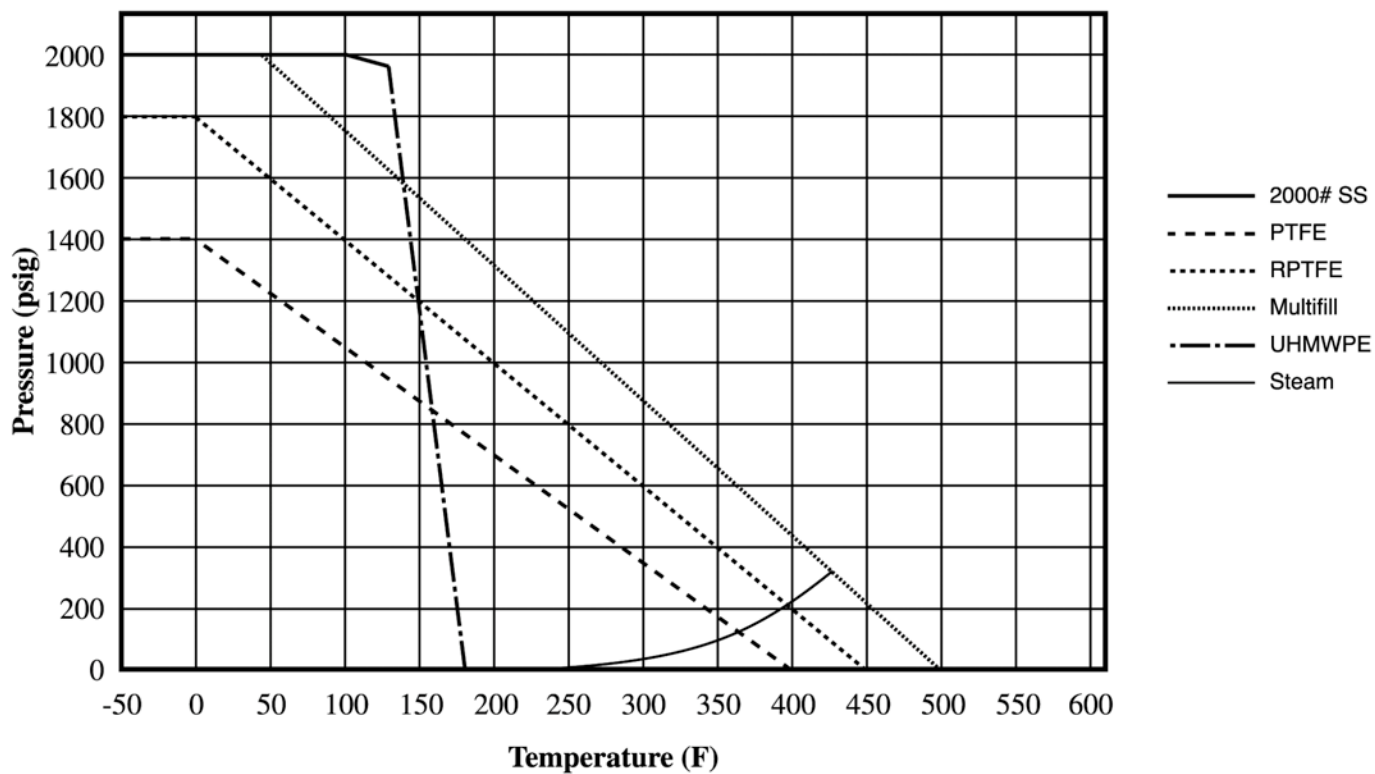
NUMBER	SIZE	A	B	C	D	E	F	G	Wt.
489-101-01	1/4"	.37	1.03	2.06	1.75	3.87	.50	1.12	.58
489-102-01	3/8"	.37	1.03	2.06	1.75	3.87	.50	1.12	.54
489-103-01	1/2"	.50	1.12	2.25	1.81	3.87	.50	1.12	.63
489-104-01	3/4"	.68	1.50	3.00	2.12	4.87	.87	1.37	1.27
489-105-01	1"	.87	1.68	3.37	2.25	4.87	.87	1.37	1.63
489-106-01	1-1/4"	1.00	2.00	4.00	2.62	5.50	.93	1.50	3.06
489-107-01	1-1/2"	1.25	2.18	4.37	3.05	8.00	.93	1.50	3.98
489-108-01	2"	1.50	2.75	5.50	3.24	8.00	.93	1.50	5.99
489-109-01	2-1/2"	2.50	3.37	6.75	4.12	8.00	2.75	3.37	15.57
489-100-01	3"	2.50	3.37	6.75	4.12	8.00	2.75	3.37	16.79

For Pressure/Temperature Ratings,
Refer to Page M-12, Graph No. 13
(1/4" to 1")
Refer to Page M-11, Graph No. 11
(1-1/4" to 2")

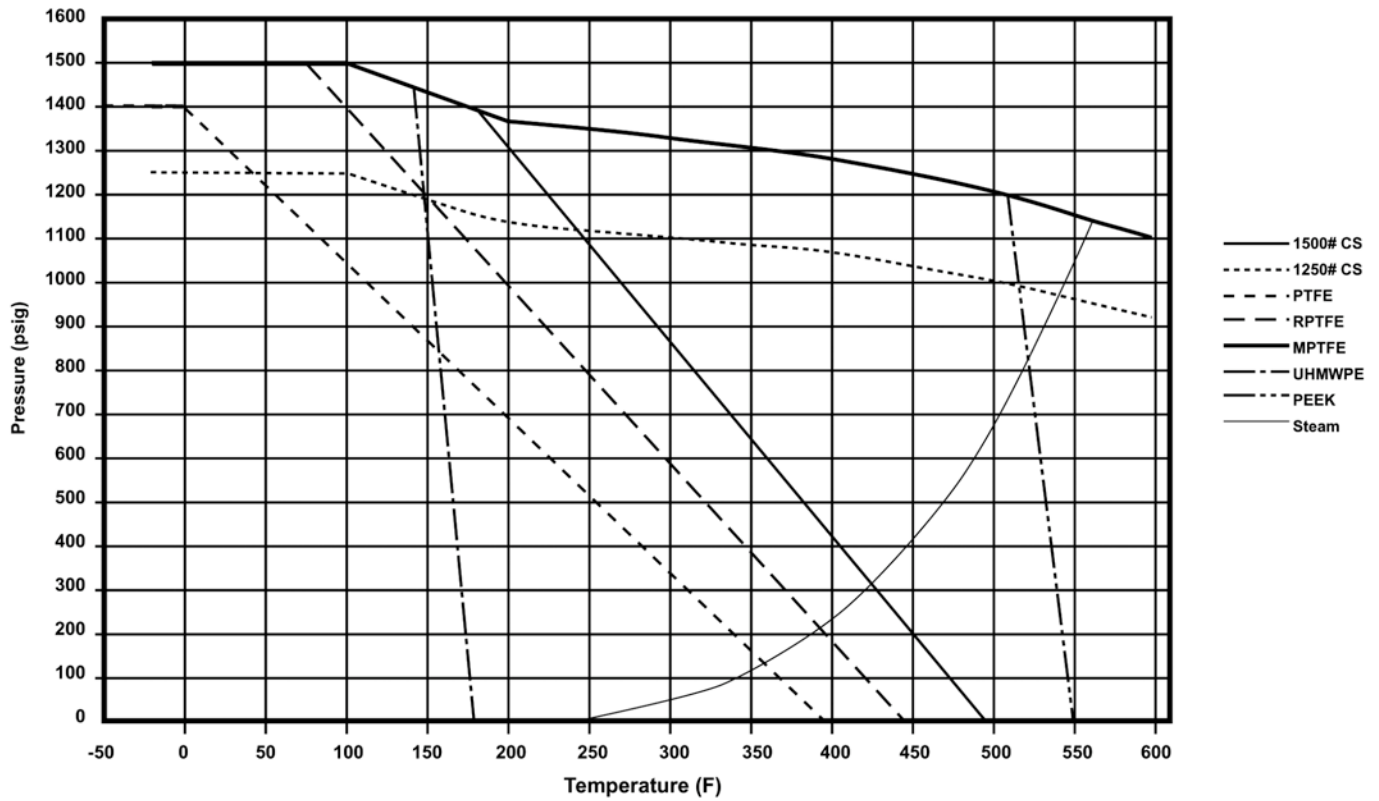
2000# CS P-T Rating (Graph 13)



2000# SS P-T Rating (Graph 14)



1500# CS P-T Rating (Graph 11)



1500# SS P-T Rating (Graph 12)

