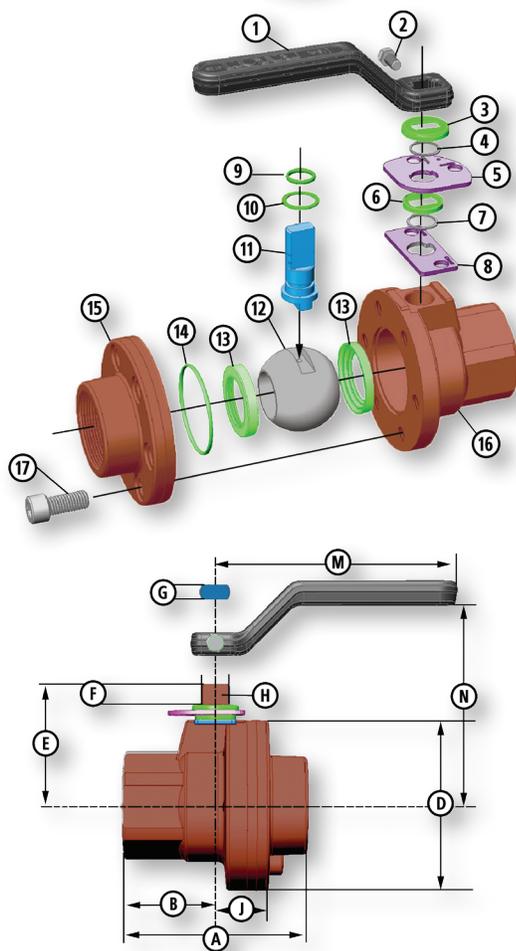


Threaded End Connection

Series F Ductile Iron



- 100% Made in USA
- To 2000 PSI WP
- 1" Through 4"
- Bolted Body Construction
 - Certified Low Emission Per API 641
 - Fire Safe Design
 - NACE Option With 316 Stainless Steel Ball and Stem Available
 - Bolted Body Protects Against End Adapter Rotation
 - High Grade Annealed Ductile Iron for Better Corrosion Resistance and Greater Yield Strength
 - Rugged Locking Device Standard
 - Multi-Seal Seats (See page B-5)



Material Description

ITEM	PART NAME	MATERIAL (STANDARD)	MATERIAL (NACE)
1	Handle*	Carbon Steel/Ductile Iron	Carbon Steel/Ductile Iron
2	Handle Bolt	Standard Hex Bolt	Standard Hex Bolt
3	Weather Guard	Polypropylene	Polypropylene
4	Lock Plate Retainer	Carbon Spring Steel	Carbon Spring Steel
5	Lock Plate	Carbon Steel	Carbon Steel
6	Dust Cover	Polypropylene	Polypropylene
7	Stop Plate Retainer	Carbon Spring Steel	Carbon Spring Steel
8	Stop Plate	Carbon Steel	Carbon Steel
9	Stem O-Ring	Buna-N	Fluorocarbon
10	Stem Seal	TFE	TFE
11	Stem	Carbon Steel	316 Stainless Steel
12	Ball	Carbon Steel	316 Stainless Steel
13	Ball Seat	Nylon 11 (TFE Optional**)	Nylon 11 (TFE Optional**)
14	Body O-Ring	Buna-N	Fluorocarbon
15	End Adapter	ASTM A395 Class 60-40-18 Fully Annealed	ASTM A395 Class 60-40-18 Fully Annealed
16	Body	ASTM A395 Class 60-40-18 Fully Annealed	ASTM A395 Class 60-40-18 Fully Annealed
17	Body Bolts	ASTM A-193 B7M	ASTM A193 B7M

* Handle is optional. Balon valves can also be operated with a standard open-end wrench.
 ** Seat selection may result in de-rating of pressure. See Seat Pressure Ratings chart on page TD-4 for more information.

Dimensional Data

SIZE	CATALOG NUMBER		PORT	WP	A	B	D	E	F	G	H	J	M	N	LBS.	HANDLE	Cv
	STANDARD TRIM CARBON STEEL BALL & STEM	NACE TRIM 316 SS BALL & STEM															
1x1x1	1F-F92-SE	1F-F92N-SE	1.0	2000	3.87	1.93	3.37	2.37	0.50	.340	0.685	1.120	4.37	2.00	4.0	P-333-CS	-
2x1.5x2	2R-F92-SE	2R-F92N-SE	1.5	2000	5.50	2.75	4.87	3.62	0.75	.434	0.873	1.620	7.25	5.25	12.4	P-4128-CS	125
2x2x2	2F-F62-SE	2F-F62N-SE	2.0	1500	5.75	2.87	6.12	4.37	0.87	.497	0.998	2.000	10.25	6.20	19.0	P-4129-CS	-
2x2x2	2F-F92-SE	2F-F92N-SE	2.0	2000	5.75	2.87	6.12	4.37	0.87	.497	0.998	2.000	10.25	6.20	19.0	P-4129-CS	-
2.5x2.5x2.5	2.5F-F62-SE	2.5F-F62N-SE	2.5	1500	7.00	3.50	6.87	5.25	1.06	.622	1.248	2.250	16.00	6.75	27.0	P-4126-DI	-
3x2x3	3R-F62-SE	3R-F62N-SE	2.0	1500	7.25	3.62	6.75	4.37	0.87	.497	0.998	2.120	10.25	6.20	26.0	P-4129-CS	180
3x2x3	3R-F92-SE	3R-F92N-SE	2.0	2000	7.25	3.62	6.75	4.37	0.87	.497	0.998	2.120	10.25	6.20	26.0	P-4129-CS	180
3x3x3	3F-F42-SE	3F-F42N-SE	3.0	1000	8.12	4.06	7.75	5.75	1.06	.747	1.373	2.375	20.00	7.75	40.0	P-4127-DI	-
4x3x4	4R-F32-SE	4R-F32N-SE	3.0	750	8.62	4.31	7.75	5.75	1.06	.747	1.375	2.375	20.00	7.72	42.0	P-4127-DI	500
4x3x4	4R-F42-SE	4R-F42N-SE	3.0	1000	8.62	4.31	7.75	5.75	1.06	.747	1.375	2.375	20.00	7.75	42.0	P-4127-DI	500
4x4x4	4F-F32-SE	4F-F32N-SE	4.0	750	9.37	4.68	9.25	6.37	1.06	.747	1.375	3.120	20.00	8.37	64.0	P-4127-DI	-

Balon manufactured Actuation Mounting Hardware available. Please see page A-2 for details.



01.2025.Rev.1