

# Threaded End Connection

## Series S Ductile Iron

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

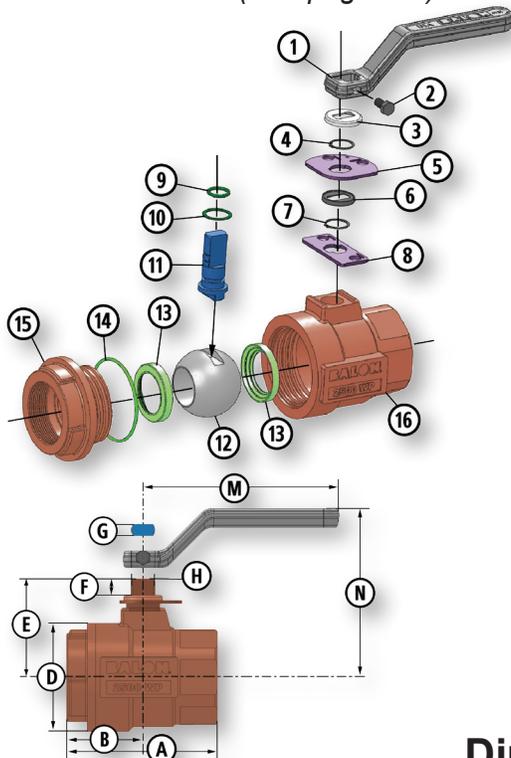


### Material Description

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 Nickel Chrome Plated	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

\* 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.

Also available: Male x Female Threaded End Connection



### Dimensional Data

SIZE	CATALOG NUMBER		PORT	WP	A	B	D	E	F	G	H	M	N	LBS.	HANDLE	Cv
	STANDARD TRIM CARBON STEEL BALL & STEM	NACE TRIM 316 SS BALL & STEM														
1x1x1	1F-S42-SE	1F-S42N-SE	1.0	1000	3.87	1.93	2.25	2.37	0.50	.340	0.685	4.37	2.00	3.0	P-333-CS	-
1x1x1	1F-S62-SE	1F-S62N-SE	1.0	1500	3.87	1.93	2.25	2.37	0.50	.340	0.685	4.37	2.00	3.0	P-333-CS	-
1x1x1	1F-S92-SE	1F-S92N-SE	1.0	2000	4.00	2.00	2.50	2.37	0.50	.340	0.685	4.37	2.00	4.0	P-333-CS	-
2x1.5x2	2R-S32-SE	2R-S32N-SE	1.5	750	5.25	2.62	3.37	3.62	0.62	.434	0.873	7.25	5.25	8.0	P-4128-CS	125
2x1.5x2	2R-S42-SE	2R-S42N-SE	1.5	1000	5.25	2.62	3.37	3.62	0.75	.434	0.873	7.25	5.25	8.0	P-4128-CS	125
2x1.5x2	2R-S62-SE	2R-S62N-SE	1.5	1500	5.25	2.62	3.37	3.62	0.75	.434	0.873	7.25	5.25	8.5	P-4128-CS	125
2x1.5x2	2R-S92-SE	2R-S92N-SE	1.5	2000	5.50	2.75	3.75	3.62	0.75	.434	0.873	7.25	5.25	10.0	P-4128-CS	125
2x2x2	2F-S32-SE	2F-S32N-SE	2.0	750	5.75	2.87	4.25	4.37	0.75	.497	0.998	10.25	6.20	12.0	P-4129-CS	-
2x2x2	2F-S42-SE	2F-S42N-SE	2.0	1000	5.75	2.87	4.25	4.37	0.75	.497	0.998	10.25	6.20	13.0	P-4129-CS	-
2x2x2	2F-S62-SE	2F-S62N-SE	2.0	1500	6.00	3.00	4.75	4.37	0.75	.497	0.998	10.25	6.20	15.0	P-4129-CS	-
2x2x2	2F-S92-SE	2F-S92N-SE	2.0	2000	6.00	3.00	4.75	4.37	0.75	.497	0.998	10.25	6.20	16.0	P-4129-CS	-
3x3x3	3R-S32-SE	3R-S32N-SE	2.0	750	7.25	3.50	4.50	4.37	0.75	.497	0.998	10.25	6.20	17.8	P-4129-CS	180
3x3x3	3F-S32-SE	3F-S32N-SE	3.0	750	8.00	4.00	6.00	5.75	0.87	.747	1.373	20.00	7.75	31.0	P-4127-DI	-
3x3x3	3F-S42-SE	3F-S42N-SE	3.0	1000	8.75	4.37	6.00	5.75	0.87	.747	1.373	20.00	7.75	35.0	P-4127-DI	-
4x3x4	4R-S32-SE	4R-S32N-SE	3.0	750	8.75	4.37	6.00	5.75	0.87	.747	1.373	20.00	7.75	36.0	P-4127-DI	525
4x4x4	4F-S22-SE	4F-S22N-SE	4.0	500	9.37	4.68	7.50	6.37	1.06	.747	1.373	20.00	8.37	49.0	P-4127-DI	-

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

**BALON**

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