

Flanged End Connection

Series F Ductile Iron

- Lever Operated Ball Valve
- ANSI Class 125* • Flat Face (200 PSI WP)
- ANSI Class 150* • Raised Face (250 PSI WP)
- 2" Through 6"
- Bolted Body Construction

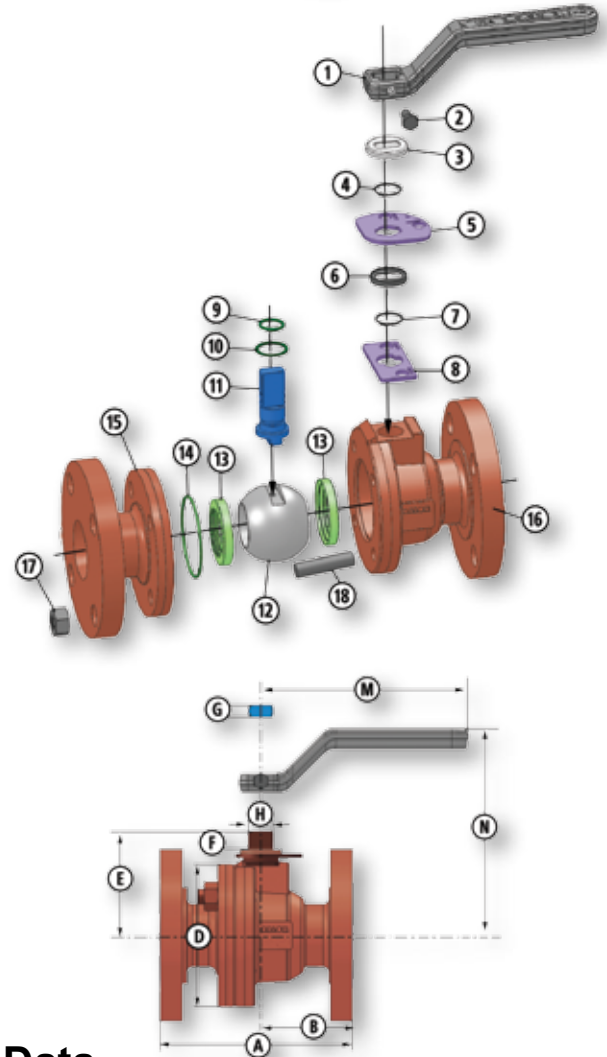
* Dimensions meet ANSI standard B16.34; rated working pressure meets ANSI standard B16.42

- High Grade Annealed Ductile Iron for Better Corrosion Resistance and Greater Yield Strength
- Multi-Seal Seats
- Fire Safe Design
- NACE Option With 316 Stainless Steel Ball and Stem Available
- Rugged Locking Device Standard
- Maintenance Free Sealing Improvement Over Lubricated Ball Valves and Cast Iron Plug Valves
- Eliminates High Maintenance of Lubricated Valves

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	Polyethylene	Polyethylene
4	Lock Plate Retainer	Carbon Spring Steel	Carbon Spring Steel
5	Lock Plate	Carbon Steel	Carbon Steel
6	Dust Cover	Polyethylene	Polyethylene
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 (TFE Optional)	Nylon (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	Nuts	ASTM A194 2H	ASTM A194 2HM
18	Body Bolts	ASTM A193 B7	ASTM A193 B7M

*Handle is optional. Ball valves can also be operated with a standard open-end wrench.



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		CLASS 125 FLAT FACE	CLASS 150 RAISED FACE												
	2x1.5x2	2R-F12		2R-F12N	1.5												
2x2x2	2F-F12	2F-F12N	2	-	RF250	7	2.75	6	4.37	.87	.497	.998	10.25	6.20	28	P-4129-CS	-
3x2x3	3R-F12	3R-F12N	2	FF200	RF250	8	3	6	4.37	.75	.497	.998	10.25	6.20	30	P-4129-CS	200
3x3x3	3F-F12	3F-F12N	3	-	RF250	8	3.56	7.50	5.75	1.06	.747	1.373	20	7.75	54	P-4127-DI	-
4x3x4	4R-F12	4R-F12N	3	FF200	RF250	9	4.06	7.87	5.75	.87	.747	1.373	20	7.75	65	P-4127-DI	525
4x4x4	4F-F12	4F-F12N	4	-	RF250	9	4.06	9	6.37	1.06	.747	1.373	20	8.37	80	P-4127-DI	-
6x4x6	6R-F12**	6R-F12N*	4	FF200	RF250	10.50	3.81	-	6.37	.87	.747	1.373	20	8.37	75	P-4127-DI	800

** Uni-body design.