

Class 150 Ductile Iron Body Gate Valves

Raised Face Flanges • Bolted Bonnet • Outside Screw and Yoke • Solid Wedge • 316 SS Trim

285 PSI/19.7 Bar Non-Shock Cold Working Pressure to -20° F to 100° F/-29° C to 38° C ◆

185 PSI/12.8 Bar Saturated Steam to 450°F/232°C ◆

CONFORMS TO MSS SP-128

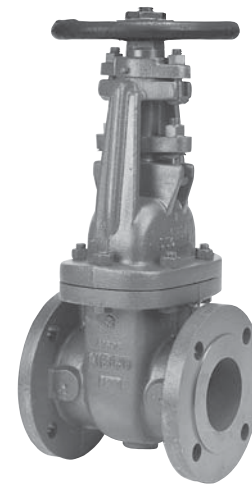
MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	Ductile Iron ASTM A 536
2. Identification Plate	Aluminum
3. Handwheel	Fabricated Steel
4. Yoke Bushing	Ductile Iron ASTM A 536
5. Split Yoke Bolt	Steel ASTM A 307
6. Split Yoke Bolt Nut	Steel ASTM A 307
7. Yoke	Ductile Iron ASTM A 536
8. Eye Bolt Nut	STEEL ASTM A 307
9. Gland Follower	Ductile Iron ASTM A 536
10. Yoke Bolt	Steel ASTM A 307
11. Yoke Bolt Nut	Steel ASTM A 307
12. Gland Follower Eye Bolt	Steel ASTM A 307
13. Packing Gland	Stainless Steel ASTM A 276
14. Packing	PTFE Braided
15. Backseat Bushing	Stainless Steel ASTM A 276
16. Bonnet	Ductile Iron ASTM A 395
17. Stem	Stainless Steel ASTM A 276
18. Bonnet Bolt	Steel ASTM A 307
19. Bonnet Bolt Nut	Steel ASTM A 307
20. Bonnet Gasket	Synthetic Fibers
21. Body	Ductile Iron ASTM A 395
22. Wedge	Ductile Iron ASTM A 395
23. ¹ Seat Ring	Stainless Steel ASTM A 351 CF8M
24. Wedge Ring	Stainless Steel ASTM A 351 CF8M
25. Swing Nut	Steel ASTM A 307
26. Swing Bolt	Steel ASTM A 307
27. Grease Fitting	Alemite 1743B (not shown)
28. Stem Collar	Stainless Steel ASTM A 276 (not shown)
29. Wedge Pin	Stainless Steel ASTM A 276 (not shown)
30. Wedge Nut	Stainless Steel ASTM A 276 (not shown)

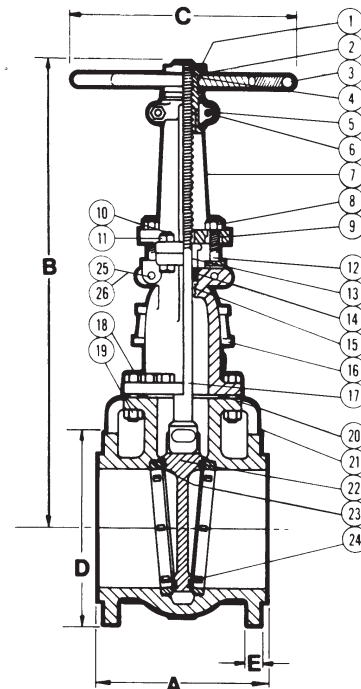
¹Lugs may be removed at customer's request – POA.

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions										Turns to Open	Weight		
	A	B	C	D	E	A	B	C	D	E		Lbs.	Kg.	
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.				
14	350	15.00	381	65.50	1664	24.00	610	21.00	533	1.38	35	29.38	890	405
16	400	16.00	406	74.50	1892	24.00	610	23.50	597	1.44	37	33.50	1253	570
18	450	17.00	432	82.50	2096	24.00	610	25.00	635	1.56	40	37.63	1598	726
20	500	18.00	457	91.00	2311	30.00	762	27.50	699	1.69	43	41.88	2000	909
24	600	20.00	508	107.50	2731	30.00	762	32.00	813	1.88	48	50.06	2908	1322



F-637-33
Flanged-Raised Face



F-637-33
Flg x Flg

FREEZING WEATHER PRECAUTION: Subsequent to testing a piping system, valves should be left in an open position to allow complete drainage.

◆ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 111.