

Class 150 Ductile Iron Body Gate Valves

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

250 PSI/17.2 Bar Non-Shock Cold Working Pressure
to -20° F to 100° F/-29° C to 38° C ♦

150 PSI/10.3 Bar Saturated Steam to 366°F/185°C ♦

Certified Lead-Free* to NSF/ANSI-61-8 (includes Annex F and G) and NSF/ANSI-372

CONFORMS TO MSS SP-128

MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	Ductile Iron ASTM A536
2. Identification Plate	Aluminum
3. Handwheel	Fabricated Steel
4. Yoke Bushing	Ductile Iron ASTM A536
5. Split Yoke Bolt	Steel ASTM A307
6. Split Yoke Bolt Nut	Steel ASTM A563
7. Yoke	Ductile Iron ASTM A536
8. Eye Bolt Nut	STEEL ASTM A563
9. Gland Follower	Ductile Iron ASTM A536
10. Yoke Bolt	Steel ASTM A307
11. Yoke Bolt Nut	Steel ASTM A563
12. Gland Follower Eye Bolt	Steel ASTM A307
13. Packing Gland	Stainless Steel ASTM A276
14. Packing	PTFE Braided
15. Backseat Bushing	Stainless Steel ASTM A276
16. Bonnet	Ductile Iron ASTM A395
17. Stem	Stainless Steel ASTM A 276
18. Bonnet Bolt	Steel ASTM A307
19. Bonnet Bolt Nut	Steel ASTM A563
20. Bonnet Gasket	Synthetic Fibers
21. Body	Ductile Iron ASTM A395
22. Wedge	Ductile Iron ASTM A395
23. ¹ Seat Ring	Stainless Steel ASTM A 351 CF8M
24. Wedge Ring	Stainless Steel ASTM A351 CF8M
25. Swing Nut	Steel ASTM A563
26. Swing Bolt	Steel ASTM A307
27. Grease Fitting	Alemite 1743B (not shown)
28. Stem Collar	Stainless Steel ASTM A276 (not shown)
29. Wedge Pin	Stainless Steel ASTM A276 (not shown)
30. Wedge Nut	Stainless Steel ASTM A276 (not shown)

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

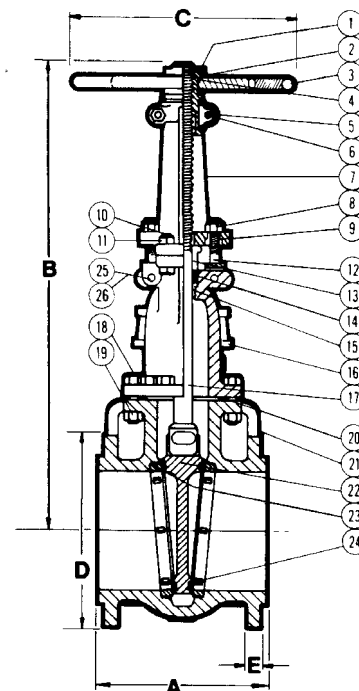
DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions										Turns to Open		Weight Lbs. Kg.	
	A	B	C	D	E									
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 114.

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