

Class 150 Ductile Iron Body Gate Valves

Raised Face Flanges • Bolted Bonnet • Outside Screw and Yoke
• Solid Wedge • Bronze 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 ♦

CONFORMS TO MSS SP-128

MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	Bronze ASTM B584
2. Identification Plate	Aluminum
3. Handwheel	Fabricated Steel
4. Yoke Bushing	Bronze ASTM B584
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	Brass ASTM F467
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	Bronze ASTM B584
14. Packing	PTFE Braided
15. Backseat Bushing	Bronze ASTM B371
16. Bonnet	Ductile Iron ASTM A395
17. Stem	Bronze ASTM B371
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	Bronze ASTM B584
24. Wedge Ring	Bronze ASTM B584
25. Swing Nut	Steel ASTM A563
26. Swing Bolt	Steel ASTM A307
27. Grease Fitting	Alemite 1743B (not shown)
28. Stem Collar	Bronze ASTM B371 (not shown)
29. Wedge Pin	Bronze ASTM B371 (not shown)
30. Wedge Nut	Bronze ASTM B584 (not shown)

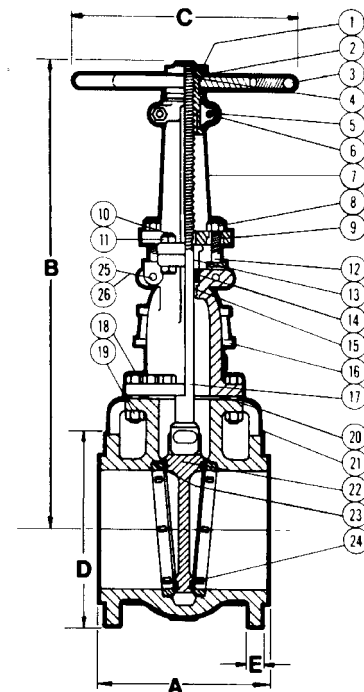
¹ Lugs may be removed at customer's request – POA.

DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions														
Size		A		B		C		D		E		Turns to Open	Weight	
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		Lbs.	Kg.
14	350	15.00	381	65.50	1664	24.00	610	21.00	533	1.38	35	29.38	892	405
16	400	16.00	406	74.50	1892	24.00	610	23.50	597	1.44	37	33.50	1253	568
18	450	17.00	432	82.50	2096	24.00	610	25.00	635	1.56	40	37.63	1592	722
20	500	18.00	457	91.00	2311	30.00	762	27.50	699	1.69	43	41.88	2008	911
24	600	20.00	508	107.50	2731	30.00	762	32.00	813	1.88	48	50.06	2907	1318



F-637-31
Flanged-Raised Face



F-637-31
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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