

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 Working Pressure
to -20° F to 100° F/-29° F 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. Stem	Stainless Steel ASTM A 276
2. Handwheel Nut	Steel or Ductile Iron ASTM A 395
3. Identification Plate	Aluminum
4. Yoke Bushing	Ductile Iron ASTM A 536
5. Handwheel	Iron ASTM A 126 Class B
6. Bonnet Cap Nut	Steel ASTM A 307
7. Bonnet Cap	Ductile Iron ASTM A 536
8. ¹ Bonnet	Ductile Iron ASTM A 395
9. Bonnet Cap Bolt	Steel ASTM A 307
10. Gland Follower Nut	Steel ASTM A 307
11. Gland Follower	Ductile Iron ASTM A 536
12. Packing Gland	Stainless Steel ASTM A 276
13. Packing	PTFE Braided
14. Gland Follower Bolt	Steel ASTM A 307
15. Backseat Bushing	Stainless Steel ASTM A 276
16. Body Nut	Steel ASTM A 307
17. Body Bolt	Steel ASTM A 307
18. Wedge Pin	Stainless Steel ASTM A 276
19. Body	Ductile Iron ASTM A 395
20. ² Seat Ring	Stainless Steel ASTM A 351 CF8M
21. Wedge Face Ring	Stainless Steel ASTM A 351 CF8M
22. ² Wedge	Ductile Iron ASTM A 395
23. Body Gasket	Synthetic Fibers
24. Stem Collar	Stainless Steel ASTM A 276
25. Grease Fitting	Alemite 1743B (not shown)

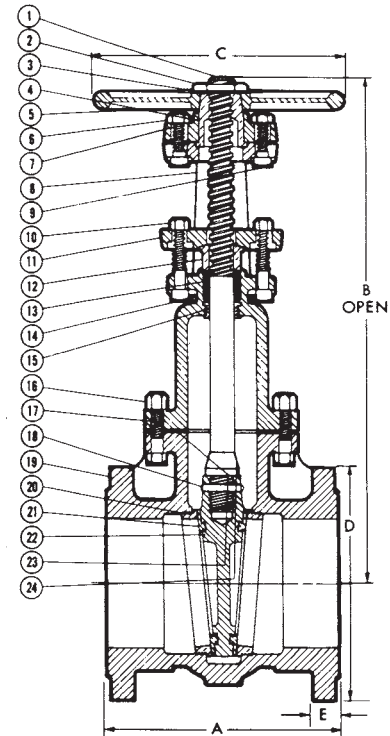
¹ Sizes 2" thru 8" made with Yoke Integral with Bonnet. 10" and 12" sizes made with separate Yoke Bolted to Bonnet.

² Lugs may be removed at customer's request - POA.



F-637-33

Flanged-Raised Face



F-637-33

Flg x Flg

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions						Weight	
	A	B	C	D	E			
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs.	Kg.
2 50	7.00 178	16.31 414	8.00 203	6.00 152	.63 16	40	18	
2½ 65	7.50 191	17.19 437	8.00 203	7.00 178	.69 17	54	25	
3 80	8.00 203	19.50 495	8.00 203	7.50 191	.75 19	66	30	
4 100	9.00 229	24.00 610	10.00 254	9.00 229	.94 24	107	48	
5 125	10.00 254	27.13 689	10.00 254	10.00 254	.94 24	144	66	
6 150	10.50 267	31.06 789	12.00 305	11.00 279	1.00 25	178	81	
8 200	11.50 292	40.19 1021	14.00 356	13.50 343	1.13 29	309	140	
10 250	13.00 330	48.25 1226	16.00 406	16.00 406	1.19 30	479	217	
12 300	14.00 356	56.88 1445	18.00 457	19.00 483	1.25 32	706	320	

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 113.