

285 PSI WWP Ductile Iron Body Gate Valves

Fire Protection Valve • Raised Face Flanges Class 150 • Bolted Bonnet •
Outside Screw and Yoke • Solid Wedge • B584 Bronze Trim

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

TESTING SPECIFICATION TO MSS SP-128

MATERIAL LIST

PART	SPECIFICATION
1. Stem	Copper Alloy, ASTM B371 C69430
2. Nut, Handwheel	Cast Copper Alloy, ASTM B584 C84400
3. Nameplate, I.D.	Aluminum
4. Handwheel, Blue	Cast Iron, ASTM A126-B
5. Bushing, Yoke	Cast Copper Alloy, ASTM B584 C84400
6. Screw, Hex - Bonnet Cap	Steel, ASTM A307 / SAE J429
7. Cap, Bonnet	Ductile Iron ASTM A536
8. Grease Fitting (Not Shown)	Steel
9. Nut, Square - Bonnet Cap	Steel, ASTM A563
10. Bonnet	Ductile Iron ASTM A395
11. Nut, Heavy Hex - Gld Follow	Steel, ASTM A563
12. Gland Follower	Ductile Iron ASTM A536
13. Pack Gland	Powdered Metal ASTM B783
14. Pack Ring	Aramid Fiber / Graphite
15. Bolt, Sq Head - Gld Follow	Steel, ASTM A307 / SAE J429
16. Screw, Hex - Body	Steel, ASTM A193 B7 / SAE J429 Gr 8
17. Gasket, Body	Synthetic Fiber / Nitrile
18. Nut, Hex - Body	Steel, ASTM A194 2H / SAEJ995 Gr 8
19. Collar, Stem	Copper Alloy, ASTM B371 C69400
20. Pin, Wedge	Copper Alloy, ASTM B140 C31600
21. Ring, Seat - Wedge	Cast Copper Alloy, ASTM B584 C84400
22. Wedge	Ductile Iron ASTM A395
23. Ring, Seat - Body	Cast Copper Alloy, ASTM B584 C84400
24. Body	Ductile Iron ASTM A395

¹ Sizes thru 8", Yoke and Bonnet are integral.
^{10"} and ^{12"} sizes separate Yoke is bolted to Bonnet.

² Sizes 2" thru 6" have Cast Copper Alloy Wedges.
Sizes 8" thru 12" made with Ductile Iron Wedge with Cast Copper Alloy Face Rings.

³ Lugs may be removed per customer's request - POA.

DIMENSIONS—WEIGHTS—QUANTITIES

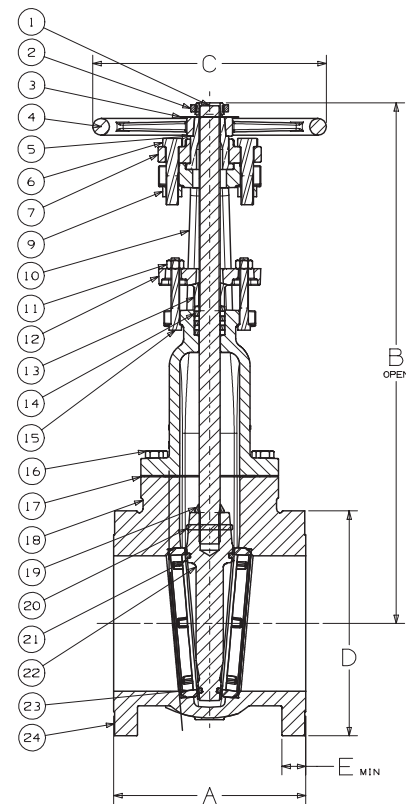
Size		Dimensions										F-637-31 Weight	
		A		B		C		D		E			
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.
2	50	7.00	178	16.26	413	8.00	203	6.00	152	0.62	16	41	19
2½	65	7.50	191	17.26	438	8.00	203	7.00	178	0.69	18	55	25
3	80	8.00	203	19.44	494	8.00	203	4.50	114	0.75	19	67	30
4	100	9.00	229	23.54	598	10.25	260	9.00	229	0.94	24	107	49
5	125	10.00	254	27.01	686	10.25	260	10.00	254	0.94	24	145	66
6	150	10.50	267	30.73	781	12.00	305	11.00	279	1.00	25	178	81
8	200	11.50	292	40.29	1023	14.00	356	13.50	343	1.12	28	309	140
10	250	13.00	330	48.45	1231	16.25	413	16.00	406	1.19	30	481	219
12	300	14.00	356	56.26	1429	18.00	457	19.00	483	1.25	32	706	321

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



F-637-31

Flanged-Raised Face



F-637-31

Flg x Flg

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Visit our website for the most current information.