



# 175 lb. wwp iron body gate valve

Fire Protection Valve • UL/ULC Listed • FMRC Approved • Approved by the New York City B.S.A. 143-69-SA • Conforms to MSS SP-70

Bolted Bonnet • Outside Screw and Yoke • Solid Wedge • Pre-Grooved Stem for Supervisory Switch Mounting

175 PSI Non-Shock Cold Water

## MATERIAL LIST

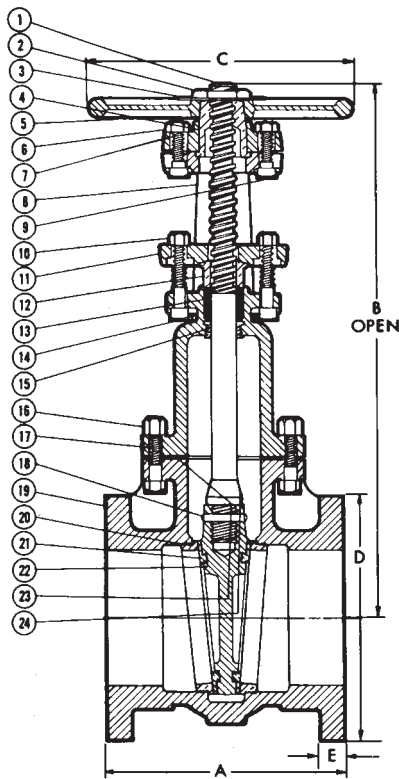
PART	SPECIFICATION
1. Stem	Brass ASTM B-16 Alloy C3600
2. Handwheel Nut	Cast Bronze B-584 Alloy C84400
3. Identification Plate	Aluminum
4. Yoke Bushing	Cast Bronze B-584 Alloy C84400
5. Handwheel	Cast Iron ASTM A-126 Class B
6. Bonnet Cap Nut	Steel ASTM A-307
7. Bonnet Cap	Ductile Iron ASTM A-536
8. Bonnet	Cast Iron ASTM A-126 Class B
9. Bonnet Cap Bolt	Steel ASTM A-307
10. Gland Follower Nut	Brass ASTM B-36
11. Gland Follower	Ductile Iron ASTM A-536
12. Packing Gland	Zinc Plated Powdered Iron ASTM B-310 or Cast Brass ASTM Alloy C36000
13. Packing	Non Asbestos
14. Gland Follower Bolt	Steel ASTM A-307
15. Backseat Bushing	Cast Bronze B-584 Alloy C84400
16. Body Nut	Steel ASTM A-307
17. Body Bolt	Steel ASTM A-307
18. Wedge Pin	Silicon Bronze ASTM B-371 Alloy C69400 or B-140 Alloy C31400
19. Body	Cast Iron ASTM A-126 Class B
20. Seat Ring	Cast Bronze B-584 Alloy C84400
21. Wedge Face Pin	Cast Bronze B-584 Alloy C84400
22. Wedge	Cast Iron ASTM A-126 Class B
23. Body Gasket	Non Asbestos
24. Stem Collar	Brass ASTM B-16 Alloy C36000

<sup>1</sup> Sizes up to 8" inclusive made with yoke integral with bonnet. 10" and 12" sizes made with separate yoke bolted to bonnet.

<sup>2</sup> Sizes 2½" thru 6" are all bronze wedges. Sizes 8" thru 12" made with cast iron wedge with bronze wedge face rings  
TS: pre-grooved stem for supervisory switch mounting.



**F-607-OTS**  
flanged



F-607-OTS Flanged

## DIMENSIONS - WEIGHTS

Nominal Size	Dimensions					Approx. Net Wt.
	A	B	C	D.	E	
2½	7½	16⅞	8	7	1⅜	50
3	8	19¼	8	7½	¾	62
4	9	24	10	9	1⅝	104
5	10	27½	10	10	1⅝	137
6	10½	31½	12	11	1	173
8	11½	40¼	14	13½	1⅞	306
10	13	48½	16	16	1⅞	494
12	14	57	18	19	1¼	699

**FREEZING WEATHER PRECAUTION:** Subsequent to testing a piping system gate valve should be in an open position to allow complete drainage.

**NOTE:** Available to ISO Flange dimensions. Specify F-607-OI. See page 49.

