

300 PSI CWP Iron Body Gate Valve

Bolted Bonnet • Non-Rising Stem • Resilient Wedge • Flanged by MJ Ends

300 PSI/20.6 bar non-shock cold working pressure from 33° F to 160° F
Maximum working temperature 180° F at 250 PSI

CERTIFIED LEAD-FREE BY TRUESDAIL
LABORATORIES TO NSF 61 AND 372

MATERIAL LIST

PART	SPECIFICATION
1. Valve Body	Ductile Iron ASTM A 536
2. Resilient Wedge	Ductile Iron ASTM A 536/EPDM ASTM D 2000
3. Wedge Nut	Bronze ASTM B 584 UNS C83600 4" - 12" ASTM B584 UNS C92200 3"
4. Stem	SS304
5. Bonnet Gasket	EPDM ASTM D 2000
6. Bonnet Screw	18-8 Stainless Steel ASTM 193
7. Bonnet	Ductile Iron ASTM A 536
8. Stem Primary O-Ring	EPDM ASTM D 2000
9. Stem Thrust Washer (lower)	Bronze ASTM B 584 UNS C83600
10. Stem Thrust Washer (upper)	Stainless Steel ASTM A 276 UNS S41000
11. Gland Seal O-Ring	EPDM ASTM D 2000
12. Stem Seal Bushing	Bronze ASTM B 584 UNS C83600
13. Stem Secondary O-Ring (2)	EPDM ASTM D 2000
14. Gland Flange	Ductile Iron ASTM A 536
15. Gland Flange Screw	Alloy Steel ASTM A 574M Zinc Plated
16. Stem Ring Wiper	EPDM ASTM D 2000
17. Square Operating Nut	Cast Iron ASTM A 126 B
17A. Handwheel (optional)	Ductile Iron ASTM A 536
18. Flat Washer	Carbon Steel Zinc Plated
19. Screw	Alloy Steel ASTM A 574M Zinc Plated

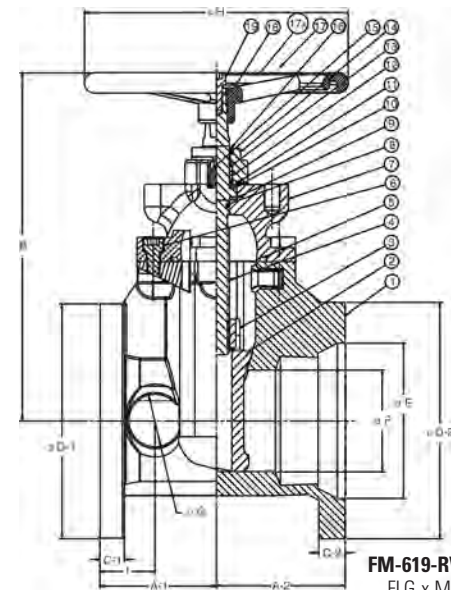
Coating — Electrostatically applied fusion-bonded epoxy 10-14 mil. inside and outside.
Meets or exceeds AWWA C 550
Coating is NSF and FDA certified



FM-619-RWS



FM-619-RWS-SON



FM-619-RWS
FLG x MJ

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions																F	
		A-1		A-2		B		C-1		C-2		D-1		D-2		E			
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
3	80	4.0	101.5	4.0	101.5	12.6	321	0.75	19.0	0.94	24	7.5	191	7.7	195.3	4.9	126	3.1	80
4	100	4.5	114.5	5.0	127.0	13.5	344	0.94	24.0	1.00	26	9.0	229	9.1	232.0	6.0	153	3.9	100
6	150	5.3	133.5	5.7	146.0	17.4	441	1.00	25.4	1.06	27	11.0	279	11.1	282.5	8.1	206	5.9	150
8	200	5.7	146.0	5.7	146.0	20.8	529	1.13	28.6	1.12	28	13.5	343	13.4	339.6	10.3	261	7.9	200
10	250	6.5	165.0	6.5	165.0	24.2	614	1.19	30.2	1.18	30	16.0	406	15.6	396.8	12.3	313	9.8	250
12	300	7.0	178.0	7.0	178.9	27.6	700	1.25	31.8	1.25	32	19.0	483	17.9	454.2	14.4	367	11.8	300

Size		Dimensions										No. holes Flanged	No. holes M-Joint	Turns to Open	Weight	
		G		H		I		Flanged B.C.		MJ B.C.					Lbs.	Kg.
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.					
3	80	2.1	54	10.2	260	1.73	44	6.00	152	6.19	157	4	4	10.8	43	20
4	100	2.1	54	10.2	260	2.13	54	7.50	191	7.50	191	8	4	13.0	70	36
6	150	2.5	64	14.8	375	2.24	57	9.50	241	9.50	241	8	6	15.7	112	51
8	200	2.8	70	14.8	375	2.48	63	11.75	298	11.75	298	8	6	17.3	170	77
10	250	2.8	70	15.7	400	2.56	65	14.25	362	14.00	356	12	8	21.4	267	121
12	300	3.4	86	19.7	500	2.91	74	17.01	432	16.25	413	12	8	25.3	388	176

END CONNECTIONS

- A-1 Center to face on Flanged end
- A-2 Center to face on MJ end
- B Center to top of stem
- C-1 Flange thickness on Flanged end
- C-2 Flange thickness on MJ end
- D-1 Flange O.D. on Flanged end
- D-2 Flange O.D. on MJ end
- E O-ring groove diameter or MJ end
- F Waterway diameter
- G Boss diameter on Flanged end
- H Handwheel diameter
- I Face to center of boss on Flanged end

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

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.

*Weighted average lead content ≤ 0.25%