

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

MEETS/EXCEEDS PERFORMANCE REQUIREMENTS OF AWWA C509 & C515
CERTIFIED LEAD-FREE* BY IAPMO R&T TO NSF/ANSI 61 AND 372



FM-619-RWS

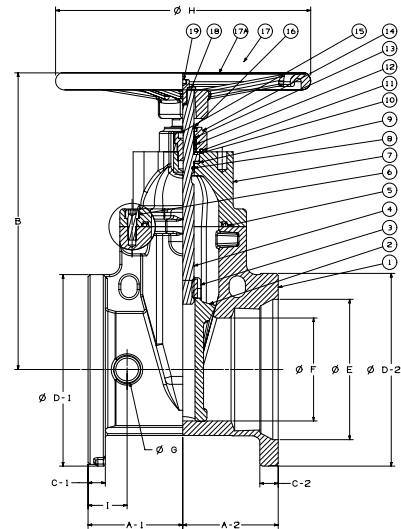


FM-619-RWS-SON

MATERIAL LIST

PART	SPECIFICATION
1 Valve Body	Ductile Iron ASTM A536
2 Resilient Wedge	Ductile Iron ASTM A536 / EPDM ASTM D2000
3 Wedge Nut	ASTM B584 UNS C83600
4 Stem	Stainless Steel 304
5 Bonnet Gasket	EPDM ASTM D2000
6 Bonnet Screw	Corrosion-resistant Steel
7 Bonnet	Ductile Iron ASTM A536
8 Stem Primary O-Ring	EPDM ASTM D2000
9 Stem Thrust Washer (lower)	Bronze ASTM B584 UNS C83600
10 Stem Thrust Washer (upper)	Stainless Steel ASTM A276 UNS S41000
11 Gland Seal O-Ring	EPDM ASTM D2000
12 Stem Seal Bushing	ASTM B584 UNS C83600
13 Stem Secondary O-Ring	EPDM ASTM D2000
14 Gland Flange	Ductile Iron ASTM A536
15 Stem Ring Wiper	EPDM ASTM D2000
16 Square Operating Nut	Cast Iron ASTM A126-B
17 Operating Nut Washer	ASTM A276 SS304
18 Operating Nut Screw	Alloy Steel ASTM A574M Zinc Plated
19 Gland Flange Screw	Alloy Steel ASTM A574M Zinc Plated
20 Indicator Flange Screw	Alloy Steel ASTM A574M Zinc Plated
21 Indicator Post Flange	Cast Iron ASTM A126-B
22 UL/FM Label (not shown)	Aluminium
23 Drive Screw, Label (not shown)	Stainless Steel 304

Coating — Electrostatically applied fusion-bonded epoxy 8-20 mil. inside and outside.
Meets or exceeds performance requirements of AWWA C550



FM-619-RWS
Flg x MJ

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions																
	A-1		A-2		B		C-1		C-2		D-1		D-2		E		F
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	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	4.75 114.5	4.75 127.0	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	5.5 133.5	5.5 146.0	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	5.75 146.0	5.75 146.0	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.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.				
3 80	1.42 36	10.2 260	1.73 44	6.00 152	6.19 157	4 4	10.0 40	16 16							
4 100	1.42 36	10.2 260	2.13 54	7.50 191	7.50 191	8 8	12.5 64	33 33							
6 150	1.54 40	14.8 375	2.24 57	9.50 241	9.50 241	8 6	15.0 104	47 47							
8 200	1.54 40	14.8 375	2.48 63	11.75 298	11.75 298	8 6	16.7 167	71 71							
10 250	1.82 46	15.7 400	3.15 65	14.25 362	14.00 356	12 8	20.8 271	112 112							
12 300	1.82 46	19.7 500	2.91 74	17.01 432	16.25 413	12 8	25.0 430	171 171							

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

*Weighted average lead content ≤ 0.25%