

300 PSI CWP Iron Body Gate Valves

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

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

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



MATERIAL LIST

PART	SPECIFICATION
1. Valve Body	Ductile Iron ASTM A536 65-45-12
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

Coating — Electrostatically applied fusion-bonded epoxy 8-20 mil. inside and outside meets or exceeds performance requirements of AWWA C550.
Epoxy coating is not intended to serve as a dielectric barrier internal to the piping system.

NOTE: Electrostatically applied fusion-bonded epoxy 8-20 mil. inside and outside meets or exceeds performance requirements of AWWA C550.

NOTE: Hand wheel is secured with a 12mm x 25mm metric socket head cap screw. Also needs 1/2" wide diameter flat washer.

NOTE: 14" & 16" sizes rated to 250 psi

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

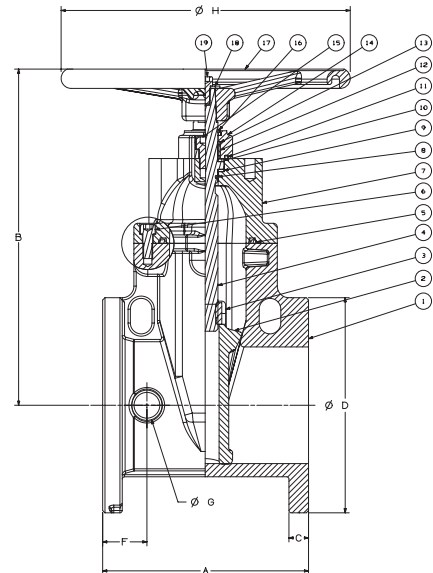
WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



F-619-RWS
Flanged



F-619-RWS-SON
Flanged



F-619-RWS
Flg x Flg
Shown with optional handwheel,
square operating nut not shown

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions										Bolt Circle	Flange Holes	Turns to Open	Weight	
	A	B	C	D	F	G	H	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.	Holes	Open	Lbs.	Kg.
2	50 7.0	178 10.3	261 0.63	16 6.0	152 1.42	36 1.6	40 7.9	200 4.75	121 4	6.3	22	10			
2½	65 7.5	191 11.2	285 0.69	18 7.0	178 1.48	38 1.6	40 7.9	200 5.50	140 4	8.1	29	13			
3	80 8.0	203 12.6	320 0.75	19 7.5	191 1.73	44 1.4	36 10.2	260 6.00	152 4	10.0	35	16			
4	100 9.0	229 13.5	342 0.94	24 9.0	229 2.13	54 1.4	36 10.2	260 7.50	191 8	12.5	75	34			
6	150 10.5	267 17.2	438 1.00	25 11.0	279 2.26	57 1.5	39 14.8	375 9.50	241 8	15.0	105	48			
8	200 11.5	292 20.8	527 1.13	29 13.5	343 2.46	62 1.5	39 14.8	375 11.75	298 8	16.7	163	74			
10	250 13.0	330 24.1	613 1.19	30 16.0	406 3.15	80 1.8	46 15.8	400 14.25	362 12	20.8	256	116			
12	300 14.0	356 27.5	698 1.25	32 19.0	483 2.91	74 1.8	46 19.7	500 17.00	432 12	25.0	399	181			
14*	350 15.0	381 32.2	817 1.38	35 21.0	533 2.95	75 3.2	82 19.7	500 18.75	476 12	43.8	620	281			
16*	400 16.0	406 34.6	878 1.50	38 23.5	597 3.03	77 3.2	82 19.7	500 21.25	540 16	50.0	816	370			

*Weighted average lead content ≤ 0.25%

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