

250 PSI CWP Iron Body Gate Valve

Bolted Bonnet • Non-Rising Stem • Resilient Wedge

250 PSI/17.2 Bar Non-Shock Cold Working Pressure

CONFORMS TO AWWA C509
 EPOXY MEETS OR EXCEEDS AWWA C550
 END CONNECTIONS DESIGNED FOR USE WITH C900 PVC PIPE
 CERTIFIED LEAD-FREE* BY IAPMO R&T TO NSF/ANSI 372

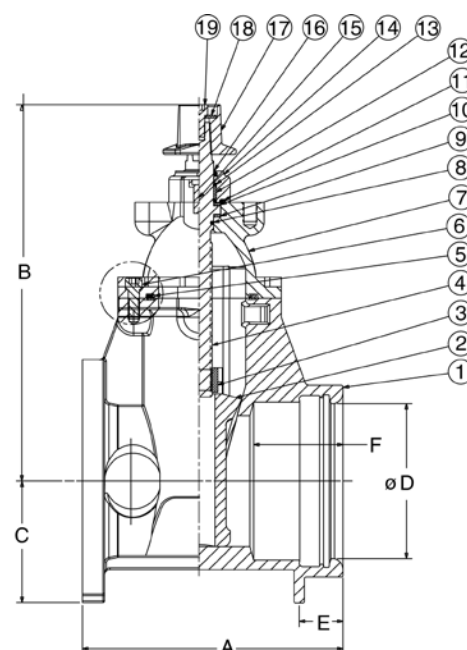

FPCR-619-RW

MATERIAL LIST

PART	SPECIFICATION
1. Valve Body	Ductile Iron ASTM A 536
2. Resilient Wedge	Ductile Iron Encapsulated by EPDM ASTM D 2000
3. Wedge Nut	Bronze ASTM B 584 Alloy C83600
4. Stem	Aluminum Bronze ASTM B 150 Alloy C61400
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
10. Stem Thrust Washer (upper)	Stainless Steel ASTM A 276 UNS S 41000
11. Gland Seal O-Ring	EPDM ASTM D 2000
12. Stem Seal Bushing	Bronze ASTM B 584
13. Stem Secondary O-Ring (2)	EPDM ASTM D 2000
14. Gland Flange	Ductile Iron ASTM A 536
15. Wiper Ring - Stem	EPDM ASTM D 2000
16. Nut, Wrench - Square	Iron ASTM A 126-B
17. Washer, Wrench Nut	Carbon Steel, DIN 9021 B
18. Screw WR Nut	Alloy Steel ASTM A 574 M Zinc Plated
19. Screw, Gland Flange	Alloy Steel ASTM A 574 M Zinc Plated
20. Handwheel (Optional)	Ductile ASTM A 536 (not pictured)

Coating — Electrostatically applied fusion-bonded epoxy 10-14 mil. inside and outside.
 Meets or exceeds AWWA C550. Coating is NSF-61 and FDA certified.

Maximum operating temperature 160°F/71°C.



DIMENSIONS—WEIGHTS—QUANTITIES

Dimensions - Weights - Capacities																					
Size		Dimensions												Hand Wheel (Optional)		Bolt Circle		Flange Holes	Turns to Open	Weight	
		A		B		C		D		E		F									
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.			Lbs.	Kg.
4	100	9.8	250	13.5	342	4.5	115	4.9	125	1.8	46	3.5	89	10.2	260	7.50	191	8	13.0	70	32
6	150	11.7	297	17.0	432	5.5	140	7.0	178	2.0	50	4.0	102	14.8	375	9.50	241	8	15.6	117	53
8	200	13.5	344	20.4	519	6.8	172	9.2	233	2.5	64	4.5	114	14.8	375	11.75	298	8	17.3	198	90
10	250	15.0	381	23.8	605	8.0	203	11.2	285	2.4	60	5.2	132	15.7	400	14.25	362	12	21.4	297	135
12	300	16.0	406	27.0	686	9.5	242	13.3	338	2.5	64	5.5	140	19.7	500	17.00	432	12	25.3	429	195

*Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content ≤ 0.25% per the Safe Drinking Water Act (Sec. 1417) amended 1-4-2011 and other equivalent state regulations.

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