250 PSI CWP Iron Body Gate Valves

Bolted Bonnet • Non-rising Stem • Resilient Wedge • MJ Ends

250 PSI/17.2 Bar Non-Shock Cold Working Pressure

MJ-619-RW
Mechanical Joint

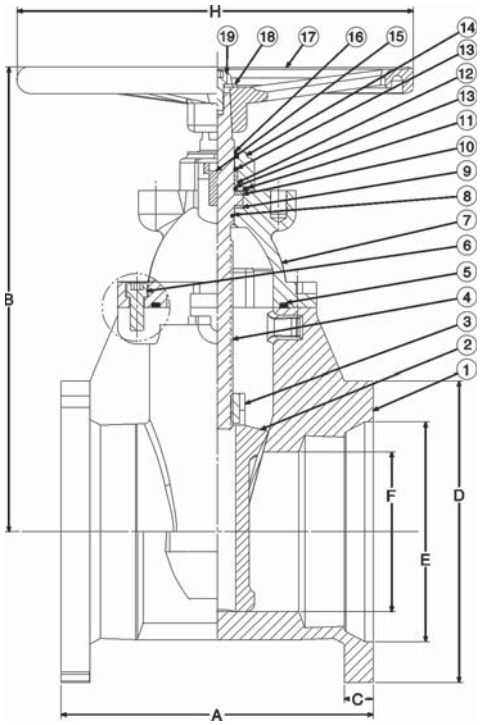
MJ-619-RW-SON
Mechanical Joint

CONFORMS TO AWWA C509

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.	Stem	Bronze ASTM B 150 UNS 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 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 C550. Coating is NSF and FDA certified.
Maximum operating temperature 160 ° F/71° C.



MJ-619-RW
MJ x MJ

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions A		B		C		D		E		F		H		Bolt Circle		Flange	Turns to	Weight	
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	Holes	Open	Lbs.	Kg.
3	80	8.0	203	12.7	322	0.94	24	7.7	196	4.9	126	3.1	80	10.2	260	6.19	157	4	10.8	43	20
4	100	10.0	254	13.5	344	1.00	26	9.1	232	6.0	153	3.9	100	10.2	260	7.50	191	4	13.0	70	36
6	150	11.5	292	17.4	441	1.06	27	11.1	283	8.1	206	5.9	150	14.8	375	9.50	241	6	15.7	112	51
8	200	11.5	292	20.8	529	1.12	28	13.4	340	10.3	261	7.9	200	14.8	375	11.75	298	6	17.3	170	77
10	250	13.0	330	24.2	614	1.18	30	15.7	400	12.3	313	9.8	250	15.7	400	14.00	356	8	21.4	267	121
12	300	14.0	356	27.6	700	1.25	32	18.0	456	14.4	367	11.8	300	19.7	500	16.25	413	8	25.3	388	176
14	350	15.0	381	31.8	807	1.34	34	20.5	516	16.5	420	13.8	350	19.7	500	18.75	476	10	44.0	570	259
16	400	16.0	406	34.2	869	1.38	35	22.5	573	18.6	474	15.7	400	19.7	500	21.00	533	12	50.0	765	348

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