

300 PSI CWP Iron Body Gate Valves

Bolted Bonnet • Non-rising Stem • Resilient Wedge • 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



MJ-619-RWS

Mechanical Joint



MJ-619-RWS-SON

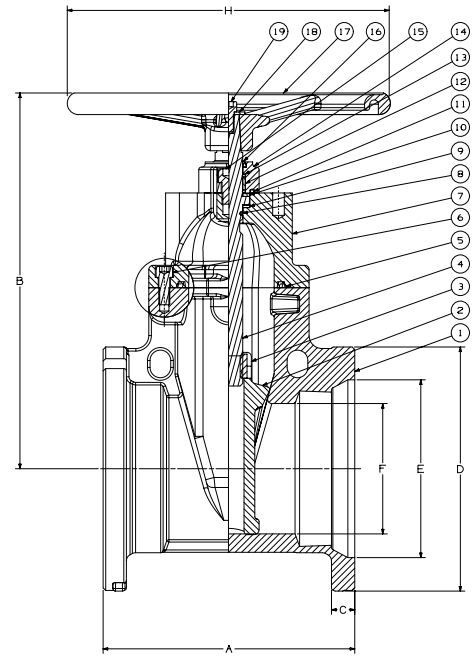
Mechanical Joint

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.
Meets or exceeds performance requirements of AWWA C550.

NOTE: Flanged valve is consistent with ANSI B16.1 Class 125.



MJ-619-RWS
MJ x MJ

DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions												Bolt Circle	Flange Holes	Turns to Open	Weight					
	In.	mm.	A	B	C	D	E	F	H	In.	mm.	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	10.0	39	16
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	12.5	64	33
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	15.0	104	46
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	16.7	161	67
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	20.8	262	107
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	25.0	406	160
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	43.8	573	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, gate valve should be in an open position to allow complete drainage.

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*Weighted average lead content ≤ 0.25%