



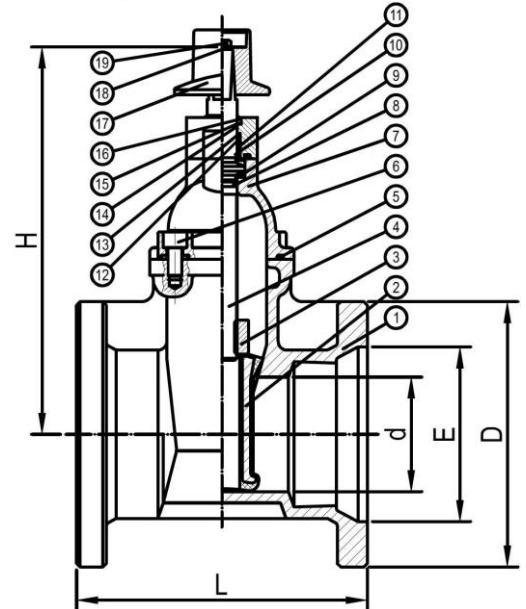
VGMJ909 - 300PSI Mechanical Joint Ends Gate Valve

- Bolted Bonnet • Non-Rising Stem • Resilient Wedge • MJ End
- 300 PSI / 20.7 Bar Non-Shock Cold Working Pressure
- CONFORMS TO AWWA C509
- FBE Coated Interior and Exterior
- Maximum Operating Temperature 185 °F / 85 °C
- FM Approved & UL/ULC Listed



Material Specifications

PART	SPECIFICATION
1. Valve Body	Ductile Iron ASTM A536
2. Resilient Wedge	Ductile Iron ASTM A536 with EPDM Encapsulation
3. Wedge Nut	Bronze ASTM B584 UNS C83600
4. Stem	Bronze ASTM B150 UNS C61400
5. Bonnet Gasket	EPDM
6. Bonnet Screw	Alloy Steel ASTM A574 Zinc Plated
7. Bonnet	Ductile Iron ASTM A536
8. Stem Back Seat O-Ring	EPDM
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
12. Stem Seal Bushing	Bronze ASTM B584 UNS C83600
13. Stem Secondary O-Ring(2)	EPDM
14. Gland Flange	Ductile Iron ASTM A536
15. Gland Flange Screw	Alloy Steel ASTM A574 Zinc Plated
16. Stem Ring Wiper	EPDM
17. Square Operating Nut	Cast Iron ASTM A126-B
17A. Handweel (Optional)	Ductile Iron ASTM A536
18. Flat Washer	Carbon Steel Zinc Plated
19. Screw	Alloy Steel ASTM A574 Zinc Plated



Dimension

Part Number	Size		L		D		H		d		E		Bolt Circle		Flange Holes	Turns To Open
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
VGMJ909-080	3	80	8.0	203	7.7	196	12.7	322	3.0	76	4.94	125.5	6.19	157.2	4	10
VGMJ909-100	4	100	10.0	254	9.1	232	13.9	353	4.0	102	6.02	152.9	7.50	190.5	4	12.5
VGMJ909-150	6	150	11.5	292	11.1	283	17.6	447	6.0	152	8.12	206.3	9.50	241.3	6	15
VGMJ909-200	8	200	11.5	292	13.4	340	20.8	529	8.0	203	10.27	260.9	11.75	298.5	6	16.7
VGMJ909-250	10	250	13.0	330	15.7	400	24.4	619	10.0	254	12.34	313.4	14.00	355.6	8	20.8
VGMJ909-300	12*	300	14.0	356	18.0	456	27.8	707	12.0	305	14.44	366.8	16.25	412.8	8	25
VGMJ909-350	14*	350	15.0	381	20.3	516	31.8	808	13.3	337	16.54	420.1	18.75	476.3	10	43.8
VGMJ909-400	16*	400	16.0	406	22.6	573	34.2	869	15.2	387	18.64	473.5	21.00	533.4	12	50

Note:

- ◆ Freezing Weather Precaution-Subsequent to testing a piping system, valves should be in an open position to allow complete drainage.
- ◆ Mechanical-joint end is consistent with AWWA C111/A21.11.
- ◆ *: Non-Shock Cold Working Pressure is 250PSI / 17.2Bar.

