

SJ909 Mechanical Joint Ends Resilient Wedge Gate Valves

TECHNICAL SPECS:

Bolted bonnet non rising stem resilient wedge MJ Ends 250 PSI/17.2 Bar.

250 PSI /300 PSI/ 17.2 Bar non shock cold working pressure

Conform to AWWA C509

Coating electrostatically applied fusion bonded epoxy 0.2-0.5mm inside and outside. Meets or exceeds AWWA 550

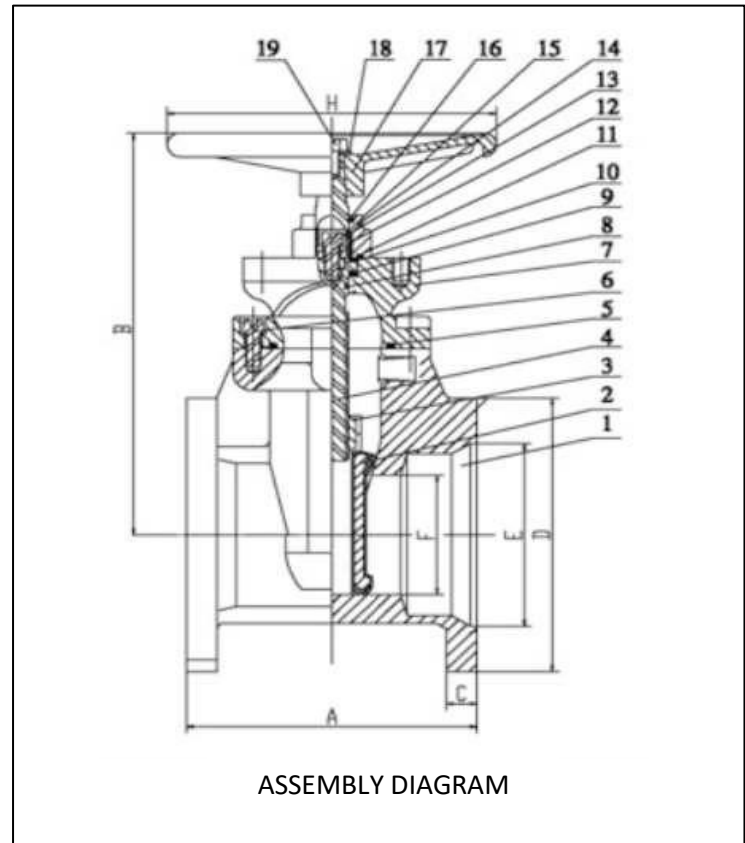
Maximum operating temperature 160°C

Freezing weather precaution:- Subsequent to testing a piping system, valve should be in an open position to avoid complete drainage.

Standard material of construction:

Component	Material/ Standard
Valve body	Ductile iron ASTM A 536
Resilient wedge	EPDM ASTM D2000 / EPDM ASTM D2000
Wedge nut	Bronze ASTM B 584 UNS C83600
Stem	Bronze ASTM B 150 UNS C61400
Bonnet gasket	EPDM ASTM D2000
Bonnet screw	Alloy steel ASTM A574M zinc plated
Bonnet	Ductile iron ASTM A 536
Stem primary O ring	EPDM ASTM D2000
Stem thrust washer (lower)	Bronze ASTM B 584 UNS C83600
Stem thrust washer (upper)	SS ASTM A276 UNS S41000
Gland seal O ring	EPDM ASTM D2000
Stem seal bushing	Bronze ASTM B 584 UNS C83600
Stem secondary O ring	EPDM ASTM D2000
Gland flange	Ductile iron ASTM A 536
Gland flange screw	Alloy steel ASTM A574M zinc plated
Stem ring wiper	EPDM ASTM D2000
Square operating nut	Cast iron ASTM A 126 B
Handwheel (optional)	Ductile iron ASTM A 536
Flat washer	Carbon steel zinc plated
Screw	Alloy steel ASTM A574M zinc plated

ASSEMBLY DIAGRAM:



DIMENSIONS:

Size		A		B		C		D		E		F		H		Bolt circle		Flange holes	Turns to open	Weight	
In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm			Lbs	Kg
3	80	8.0	203.00	12.7	322	0.94	24	7.7	196	4.9	126	3.1	80	12.2	260	6.19	157	4	10.8	43	20
4	100	10.0	254.00	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	292.00	17.4	441.00	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	292.00	20.8	529	1.12	28	13.4	340	10.3	261	7.9	300	14.8	375	11.75	298	6	17.3	170	77
10	250	13.0	330.00	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	356.00	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