

S909 Non-Rising Stem Flanged Joint Ends Resilient Wedge Gate Valves

TECHNICAL SPECS:

Bolted bonnet non rising stem resilient wedge flanged ends.

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

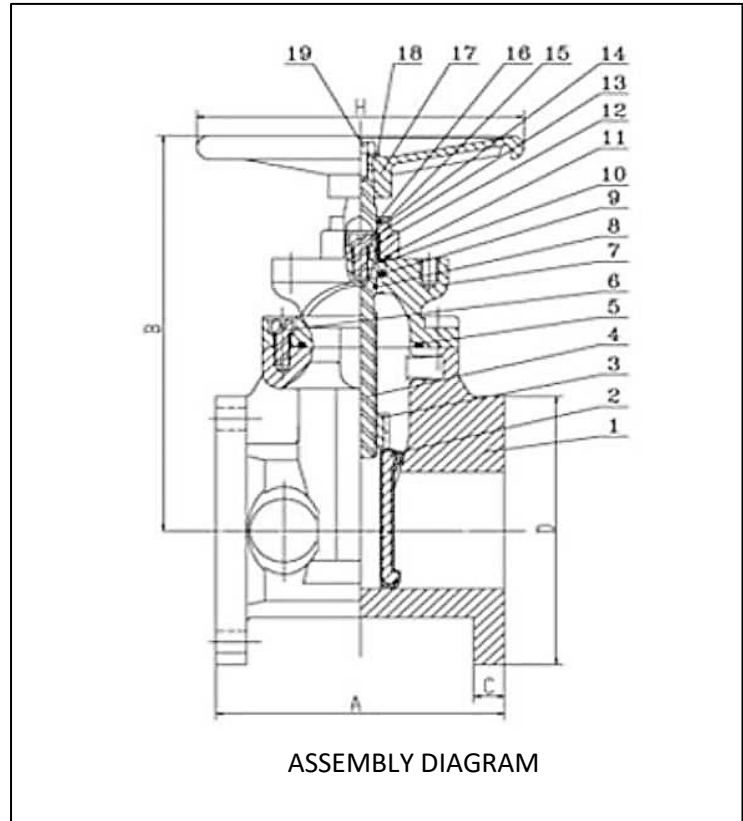
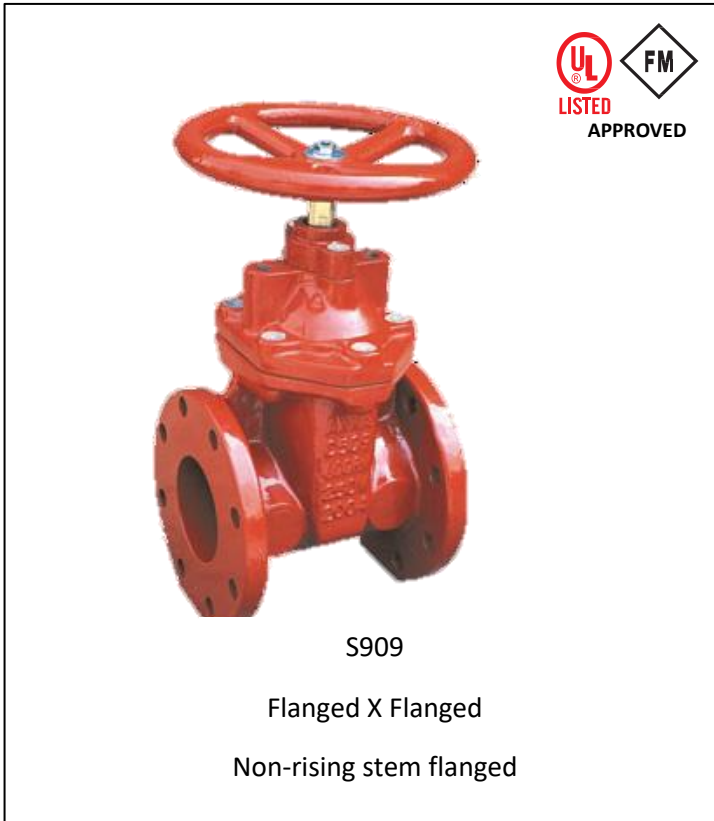
Conform to AWWA C509

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		H		Bolt circle		Flange holes	Turns to open	Weight	
In	mm	In	mm	In	mm	In	mm	In	mm	In	mm	In	mm			Lbs	Kg
2	50	7	178	10	255	0.6	16	6	152	7.9	200	4.75	121	4	6.5	30	14
2 1/2	65	7.5	190	11.3	287	0.7	17.5	7	178	7.9	200	5.5	140	4	8.8	35	16
3	80	8	203	12.6	321	0.8	19	7.5	191	10.2	260	6	152	4	10.6	45	20
4	100	9	229	13.5	344	0.9	24	9	229	10.2	260	7.5	191	8	13	71	32
6	150	10.5	267	17.4	441	1	25.4	11	279	14.8	375	9.5	241	8	15.6	122	55
8	200	11.5	292	20.8	529	1.1	28.6	13.5	343	14.8	375	11.75	298	8	17.3	196	89
10	250	13	330	24.2	614	1.2	30.2	16	406	15.7	400	14.25	362	12	21.4	294	134
12	300	14	356	27.6	700	1.3	31.8	19	483	19.7	500	17	432	12	25.3	426	194