

FIG. 137, FLANGED X GROOVED-END GATE VALVE, 250PSI

Size: DN 65 - 300 mm

SPECIFICATION

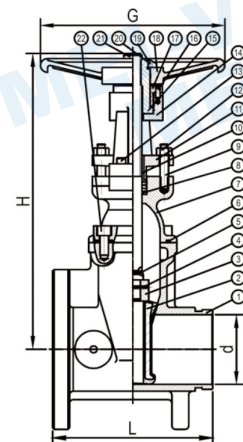
- Bolted Bonnet, Outside Screw and Yoke, Resilient Wedge, Flanged x Grooved-End
- 17.2 bar/ 250 PSI Non Shock Cold Working Pressure.
- Conform to AWWA C509, FBE Coated Interior and Exterior
- FM Approved & UL/ULC Listed, Supply by: FlowCom

PRESSURE/TEMPERATURE RATINGS

Working pressure	250 PSI/ 17.2 bar
Testing Pressure	Shell: 375 PSI, Seat: 275 PSI
Working temperature	EPDM ≤85°C
Suitable Media	

MATERIALS Specifications

Part	ASTM Spec.
1 Body	Ductile Iron ASTM A536
2 Resilient Wedge	Ductile Iron ASTM A536 + EPDM Encapsulation
3 Wedge Nut	Bronze ASTM B584 UNS C83600
4 Dowel Pin	Stainless Steel ASTM A 276 UNS S42000
5 Stem Back Seat O-Ring	EPDM
6 Bonnet Gasket	EPDM
7 Bonnet	Ductile Iron ASTM A536
8 Stem Packing	EPDM
9 Threaded Rod	Carbon Steel Znc Plated
10 Gland Bushing	Brass ASTM B584
11 Gland	Cast Iron ASTM A126-B
12 Gland Nut	Stainless Steel 18-8
13 Yoke Screw	Alloy Steel ASTM A574M Znc Plated
14 Yoke	Cast Iron ASTM A126-B
15 Yoke Bushing	Bronze ASTM B584
16 Flat Point Set Screw	Alloy Steel ASTM F912M Back Oxide
17 Yoke Bushing Retainer	Cast Iron ASTM A126-B
18 Handwheel	Ductile Iron ASTM A536
19 Handwheel Nut	Carbon Steel Znc Plated
20 Flat Head Screw	Carbon Steel Znc Plated
21 Stem	Bronze ASTM B150 UNS C61400
22 Bonnet Screw	Alloy Steel ASTM A574M Znc Plated



Dimension

Size		L		d		G		H (Open)		H (Close)		Tums to Open
In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	
2.5	65	7.5	190	2.5	64	7.9	200	17.8	453	14.9	378	8.8
3	80	8	203	3	76	10	254	20.1	510	15.9	405	10.5
4	100	9	229	4	102	10	254	22.4	568	16.6	422	13.75
6	150	10.5	267	6	152	12.4	315	30.3	769	22.9	581	16
8	200	11.5	292	8	203	14.8	375	37.8	960	28.5	724	17.5
10	250	13	330	10	254	16.4	416	44.8	1139	34.5	877	21.5
12	300	14	356	12	305	17.5	445	52.2	1326	39.9	1014	25.5

Note: Freezing Weather Precaution Subsequent to testing a piping system, valves should be in an open position complete drainage. Flanged: ANSI Class 125/150, Other Flange: dimensions are available.