

# Rising Stem grooved joint Ends Resilient Wedge Gate Valves



AS/NZS 2638.2  
License No.  
WM 74625  
ApprovalMark



**OSY -G01**

## Grooved

- Fire Protection Valve - Outside Screw and Yoke - Resilient Wedge - Epoxy Coated Interior / Exterior - Pre-Grooved Stem for Supervisory Switch - Drilled, Tapped and Plugged at Boss Location A\*\*
- Outside screw and yoke - Resilient Wedge - Groove x Groove conforms to AWWA c509
- AS 4020 Potable Water Certified
- 300PSI Size 2.5" to 10"

250PSI Size 12" only

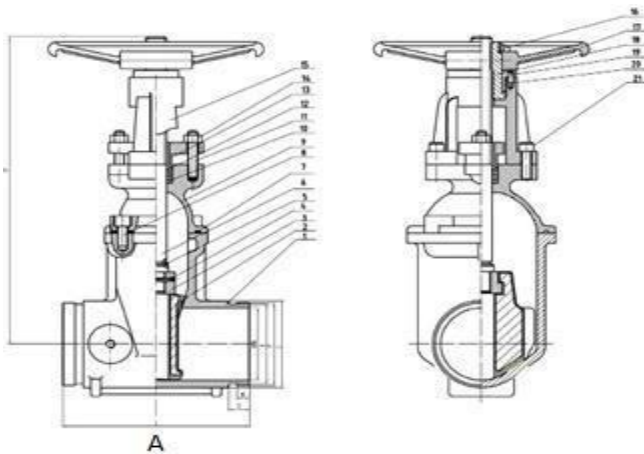
Non-Shock Cold Working Pressure -

- groove end conform to AWWA c606
- 65mm (2.5") only comes in FM & UL

Electrostatically applied fusion-bonded epoxy coated outside per AWWAC-550.

Freezing weather precaution: subsequent to testing a piping system

Internal polymeric bonded coating as per AS/NZS 4158



## MATERIAL LIST

### SPECIFICATION

1	Valve Body	Ductile Iron ASTM A 536
2	Wedge	Ductile Iron ASTM A 536+EPDM
3	Wedge Nut	cuSn5zn5pb5 Bronze ASTM B584
4	Dowel Pin	Stainless Steel ASTM A276
5	O-Ring	EPDM rubber ASTM D 2000
6	stem	bronze C61400 non corrosive material/ SS304/SS316
7	Bonnet gasket	rubber ASTM D2000
8	socket head cap screw	cs ASTM A307/SS304
9	bonnet	ductile iron ASTM A 536
10	stuffing	rubber ASTM d2000
11	threaded	cs ASTM A307
12	stuffing bushing	bronze ASTM B584
13	stuffing gland	ductile iron ASTM A 536
14	nut	stainless steel SS304
15	socket head cap screw	cs din 9021 b/ss304°
16	yoke	ductile iron ASTM A 536
17	flathead screw	cs ASTM A307
18	yoke bush retainer	gray iron ASTM A126-b
19	Handwheel	ductile iron ASTM A 536
20	Stem nut	cusn5n5pb5 bronze ASTM B 584
21	Hand Wheel nut	cs ASTM A194-2H/SS304

## Dimension-Weights-Quantities

Size	A	B	C	D	open	close	B1	c1	n	Φd	G	turns	weight
In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm	In mm	to open	lbs kg
2.5" 65	7.5 190	3 76.1	2.84 72.26	0.31 7.95	0.63 15.88	18.8 478	16.2 411	7 178	0.69 17.5	4	3/4 19	7.87 200	8.1 39 17.6
3" 80	7.99 203	3.5 88.9	3.33 84.5	0.31 7.95	0.63 15.88	20.3 515	17.1 434	7.52 191	0.75 19	4	3/4 19	7.87 200	10 44 19.8
4" 100	9 229	4.5 114.3	4.31 109.6	0.38 9.53	0.63 15.88	22.1 562	18.2 462	9.02 229	0.94 24	8	3/4 19	10.24 260	10 63 28.6
6" 150	10.5 267	6.5 165.1	6.33 160.9	0.38 9.53	0.63 15.88	29.4 747	23.6 597	11 279	1 25.4	8	7/8 23	12.4 315	15 117 53
8" 200	11.5 292	8.6 219.1	8.42 213.8	0.44 11.13	0.75 19.05	36.8 934	28.6 727	13.5 343	1.13 28.6	8	7/8 23	14.76 375	16.7 196 89
10" 250	12.99 330	10.7 273	10.5 267.6	0.5 12.7	0.75 19.05	45.2 1147	35.1 891	15.98 406	1.19 30.2	12	1 26	16.38 416	20.8 311 141
12" 300	14 356	12.8 323.9	12.5 317.5	0.5 12.7	0.75 19.05	52.2 1326	40.2 1020	19 483	1.26 32	12	1 26	17.5 445	25 449 204