

GATE VALVE RESILIENT SEAT - PE RESTRAINED FLEXIBLE JOINT

POLYETHYLENE PE100 & PE80 PIPELINE SYSTEMS



Clover resilient seated PE restrained end flexible joint gate valves comply with AS 2638.2 for use in pressure applications for water supply and sewerage.

Features

- › Provides axial thrust restraint when used on polyethylene pipe systems.
- › Simple installation under all weather conditions, no polyethylene welding required.
- › High strength and impact resistant body manufactured from ductile iron and EPDM encapsulated gate. Full bore design eliminates potential debris build up.
- › High strength 431 Stainless steel spindle provides excellent corrosion resistance.
- › Thermally bonded polymeric coating for long life corrosion protection.
- › All valves are hydrostatically factory tested and certified.

Applications

Suitable for above and below ground potable, non potable and wastewater applications. This product provides axial thrust restraint for AS4130 PE100 & PE80 pipe systems. Consult your local Clover sales office for additional technical and installation details.

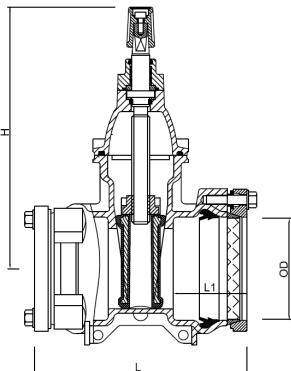
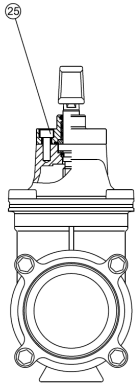
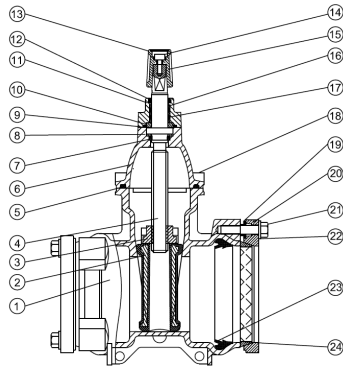
Technical Data

Size Range:	DN90, DN125, DN180, DN250 & DN280
Allowable Operating Pressure:	1600kPa
Maximum Temperature:	40 °
Connections:	Polyethylene AS4130 PE100 & PE100
Certifications:	AS 2638.2 AS/NZS 4020 AS/NZS 4158 Product Licence OMK25731 WSAA Appraisal PA11/21

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Components



Item	Part Name	Material
1	Body	Ductile iron AS1831 Fusion coat AS4158
2	Gate	Ductile iron AS1831 EPDM Encapsulated
3	Stem Nut	DR Copper Alloy AS1568 C48600
4	Spindle	SS ASTM A276
5	Body Gasket	EPDM AS1646
6	Bonnet	Ductile iron AS1831 Fusion coat AS4158
7	O'Ring	NBR AS1646
8	Thrust Washer	POM
9	Seal Kit	EPDM AS1646
10	Thrust Washer	DR Copper Alloy AS1568 C48600
11	Seal Retainer	Ductile iron AS1831 Fusion coat AS4158
12	Dust Cover	EPDM AS1646
13	Insert	Plastic
14	Key Cap Bolt	316SS ASTM A276
15	Key Cap	Ductile iron AS1831 Fusion coat AS4158
16	Thrust Washer	POM
17	O'Ring	NBR AS1646
18	Body Bolt	SS316 ASTM A276
19	Support Ring	PE
20	Span Ring	Ductile iron AS1831 Fusion coat AS4158
21	Bolt	316SS ASTM A276
22	Washer	316SS ASTM A276
23	Seal	EPDM AS1646
24	Grip Ring	Brass AS1568 C37710
25	Bonnet Bolt	316SS ASTM A276

Specifications

OD	L	L1	H	Turns	Kg	ACC	CC
90	245	88	290	17	13	VGGG090	VGGG090C
125	260	88	330	20	19	VGGG125	VGGG125C
180	355	118	420	30	33	VGGG180	VGGG180C
250	440	161	644	42	78	VGGG250	VGGG250C
280	460	165	644	42	96	VGGG280	VGGG280C

All dimensions are quoted in millimetres.

Hand wheels, gearboxes, actuation, keys and spindle extensions available for all valves.

Contact Clover for information on additional sizes not shown on this data sheet.