

APPLICATIONS

Resilient seat gate valves comply with AS 2638.2 and are suitable for use in potable water, non-potable water and wastewater systems installed above ground and below ground.

TECHNICAL DATA

Standard:	AS 2638.2
Size Range:	DN 80 – DN 200 (Betta Valves)
Pressures:	Operating Pressure 2500 kPa (PN 25) Test Pressure – Seal 2750 kPa Test Pressure – Body 3750 kPa
Temperatures:	Max 80 deg C, Max 40 deg C for potable water systems to AS 4020
Coating:	Fusion Bonded coating to AS/NZS 4158
End connections:	Flange (AS 2129 Table F)
Closing options:	Anti-clockwise (ACC) and Clockwise closing (CC)
Options:	Handwheels or Gearbox actuators ISO flange for gearbox actuators Extension spindles

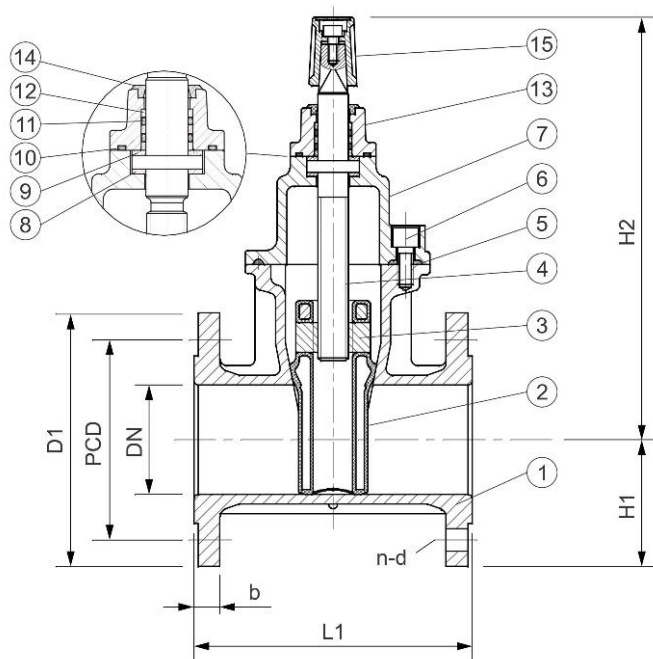
FLANGE PN25

DN 80 – 200



FEATURES

- High strength and corrosion resistant materials
- EPDM encapsulated ductile iron wedge ensures effective sealing
- Full bore design eliminates blockages
- Anti-friction components for lower operating torques



COMPONENTS

ITEM	PART	MATERIAL	STANDARD
1	Body	Ductile Iron Gr 500-7	AS 1831
2	Wedge	Ductile Iron Gr 500-7, EPDM encapsulated	AS 1831 AS 1646
3	Stem Nut	Bronze C95210	AS 1565
4	Stem	Stainless Steel Gr 431	ASTM A276
5	Bonnet Gasket	EPDM	AS 1646
6	Bolts - Bonnet, Dust Cover & Stem Cap	Stainless Steel Gr 316	ASTM A276
7	Bonnet	Ductile Iron Gr 500-7	AS 1831
8	Washer	EPDM	AS 1646
9	Washer	Bronze C95210	AS 1565
10	Bonnet O-Ring	NBR	AS 1646
11	O-Ring Seals	NBR	AS 1646
12	Thrust Collars	POM	AS 1646
13	Seal Retainer	Ductile Iron Gr 500-7	AS 1831
14	Dust Cover	EPDM	AS 1646
15	Stem Cap	Ductile Iron Gr 500-7	AS 1831

DIMENSIONS

DN	L1	H1	H2	D1	PCD	n-d	b	No Turns	Torque In Nm	Weight kg	ACC	CC
80	203	103	225	205	165	8-18d	19	22	50	23	VG FH2508	VG FH2508C
100	229	115	340	230	191	8-18d	22	22	60	30	VG FH2510	VG FH2510C
150	267	153	450	305	260	12-22d	25	32	110	52	VG FH2515	VG FH2515C
200	292	185	580	370	324	12-22d	29	35	140	75	VG FH2520	VG FH2520C

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