

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 (Lic OMK25731) WSAA Product Appraisal 1121 Issue 8 – Betta Valves
Size Range:	DN 450 – DN 600
Pressures:	Operating Pressure 1600 kPa (PN 16) Test Pressure – Seal 1760 kPa Test Pressure – Body 2400 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 4087, PN16)
Actuator Flange:	F16 ISO 5211 Flange
Closing options:	Anti-clockwise (ACC) and Clockwise closing (CC)
Options:	Handwheels or Gearbox actuators Extension spindles

FLANGE PN16
DN 450 – 600

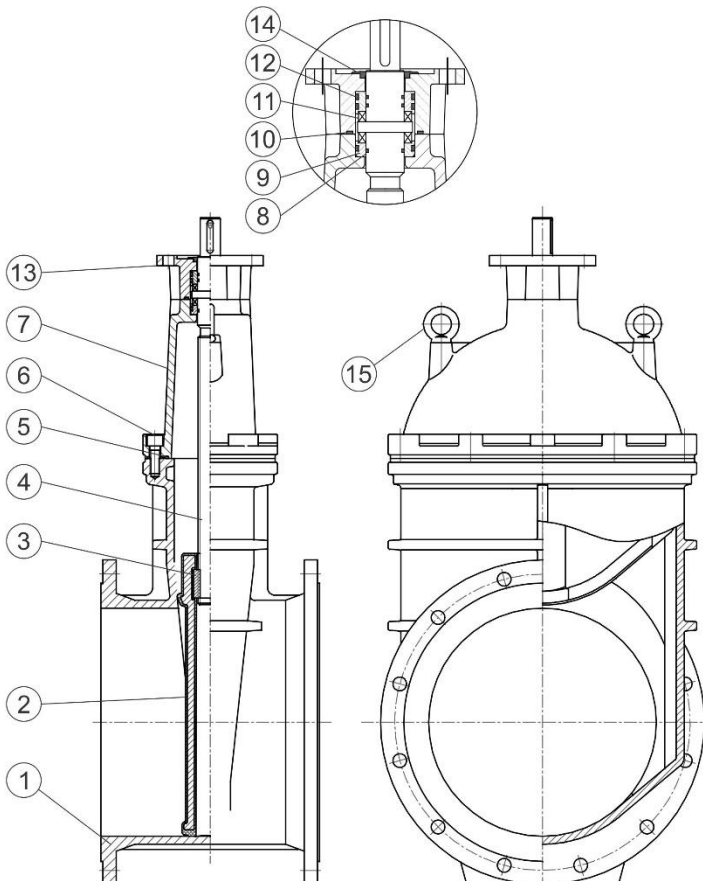


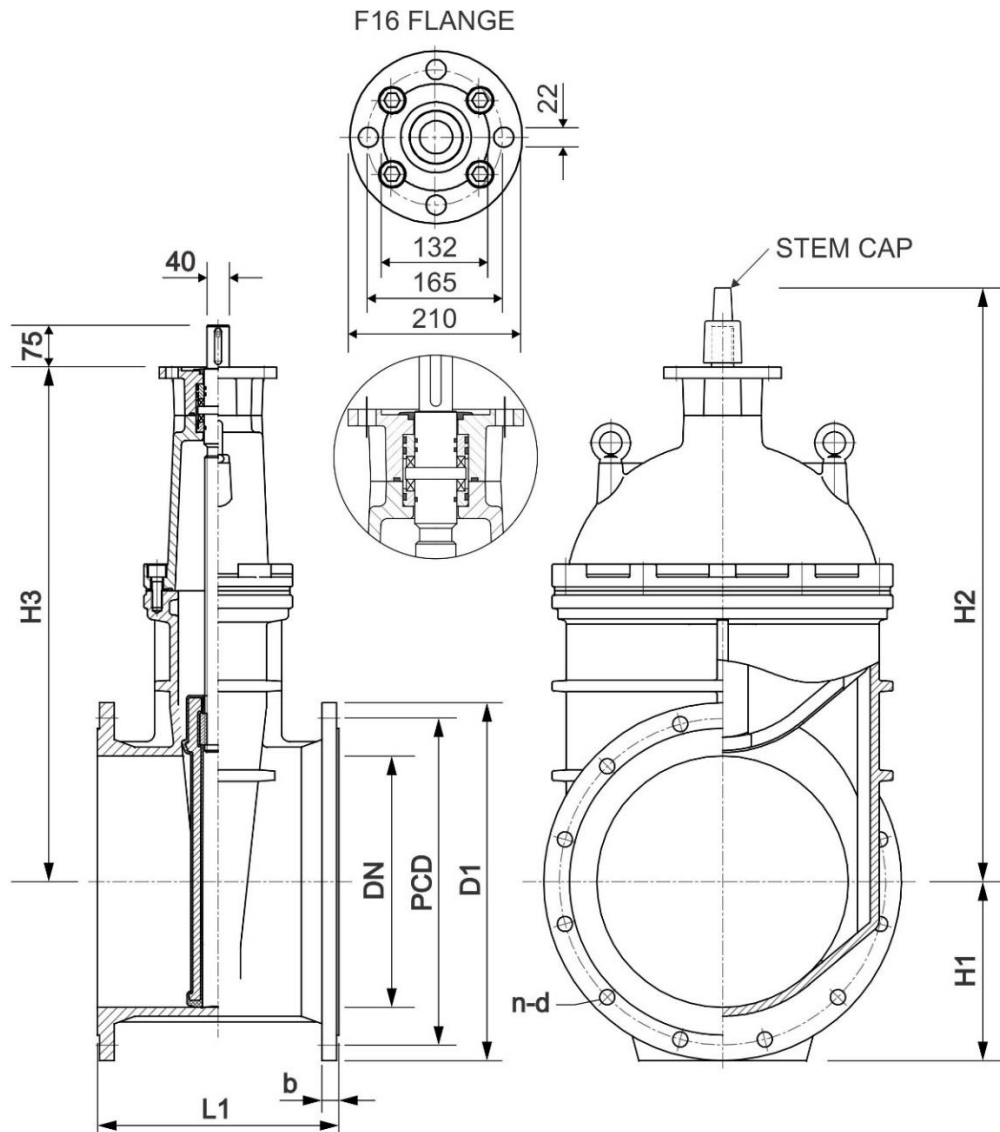
FEATURES

- 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	O-Ring Seals	NBR	AS 1646
9	Bushing	Bronze C95210	AS 1565
10	O-Ring Seals	NBR	AS 1646
11	Bonnet O-Ring	NBR	AS 1646
12	Bearing		
13	Gland Flange	Ductile Iron Gr 500-7	AS 1831
14	Dust Cover	EPDM	AS 1646
15	Eyebolt	Carbon Steel	Galv





DIMENSIONS

DN	L1	H1	H2	H3	D1	PCD	n-d	b	No Turns	Torque In Nm	Weight kg	ACC	CC
450	432	320	1069	920	640	584	12-26d	33	58	420	395	VGF45	VGF46C
500	457	352.5	1180	1031	705	641	16-26d	35	64	500	510	VGF50	VGF50C
600	508	412.5	1334	1185	825	756	16-30d	42	68	535	780	VGF60	VGF60C

CIVILPIPES PTY LTD

ABN 30 168 566 667
2 Potassium St. Narangba Qld 4504
PO Box 304, North Lakes Qld 4509



Web:
civilpipes.com.au



Telephone:
+61 7 3053 3456



E-mail:
sales@civilpipes.com.au

