

## FLANGE ISO MOUNT PN16

DN 750

### APPLICATIONS

Betta Resilient seat gate valve is designed and tested to comply with AS/NZS 2638.2 and the dimensions with EN558-1 Series 3.

This valve is suitable for use in potable water, non-potable water and wastewater systems installed above ground and below ground.

The VGFI Series model with ISO flange is designed to be operated by a mounted gearbox actuator.

### TECHNICAL DATA

Standards:	AS 2638.2 Compliant (Design & Testing)
Dimensions:	EN 558-1 Series 3 (DN 800 Body)
Size Range:	DN 750
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:	Flanges to AS 4087, PN16
Actuator Flange:	F25 ISO 5211 Flange
Closing options:	Anti-clockwise (ACC) and Clockwise closing (CC)
Options:	Handwheels or Gearbox actuators Extension spindles

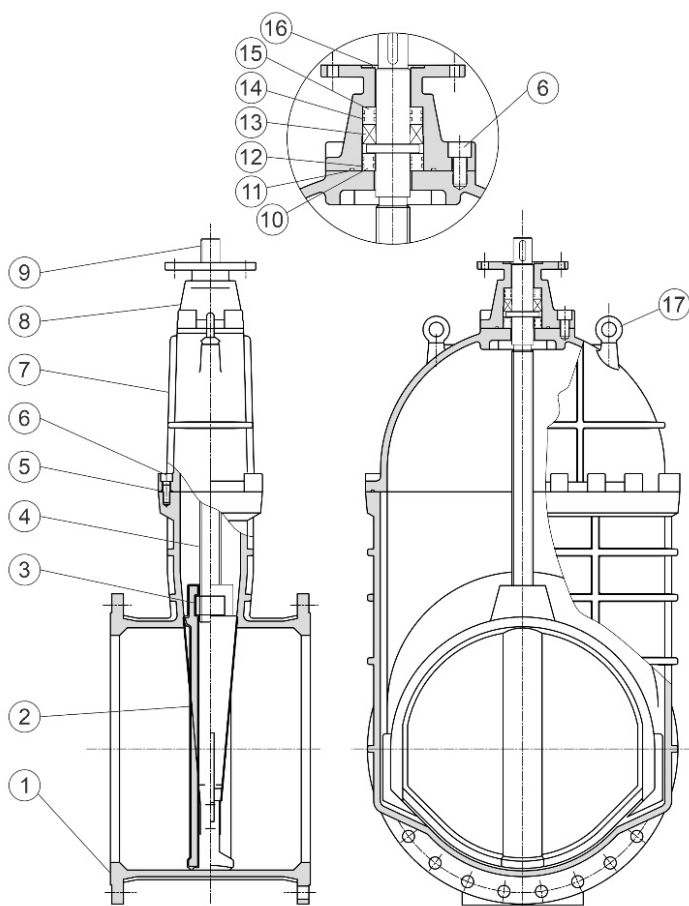


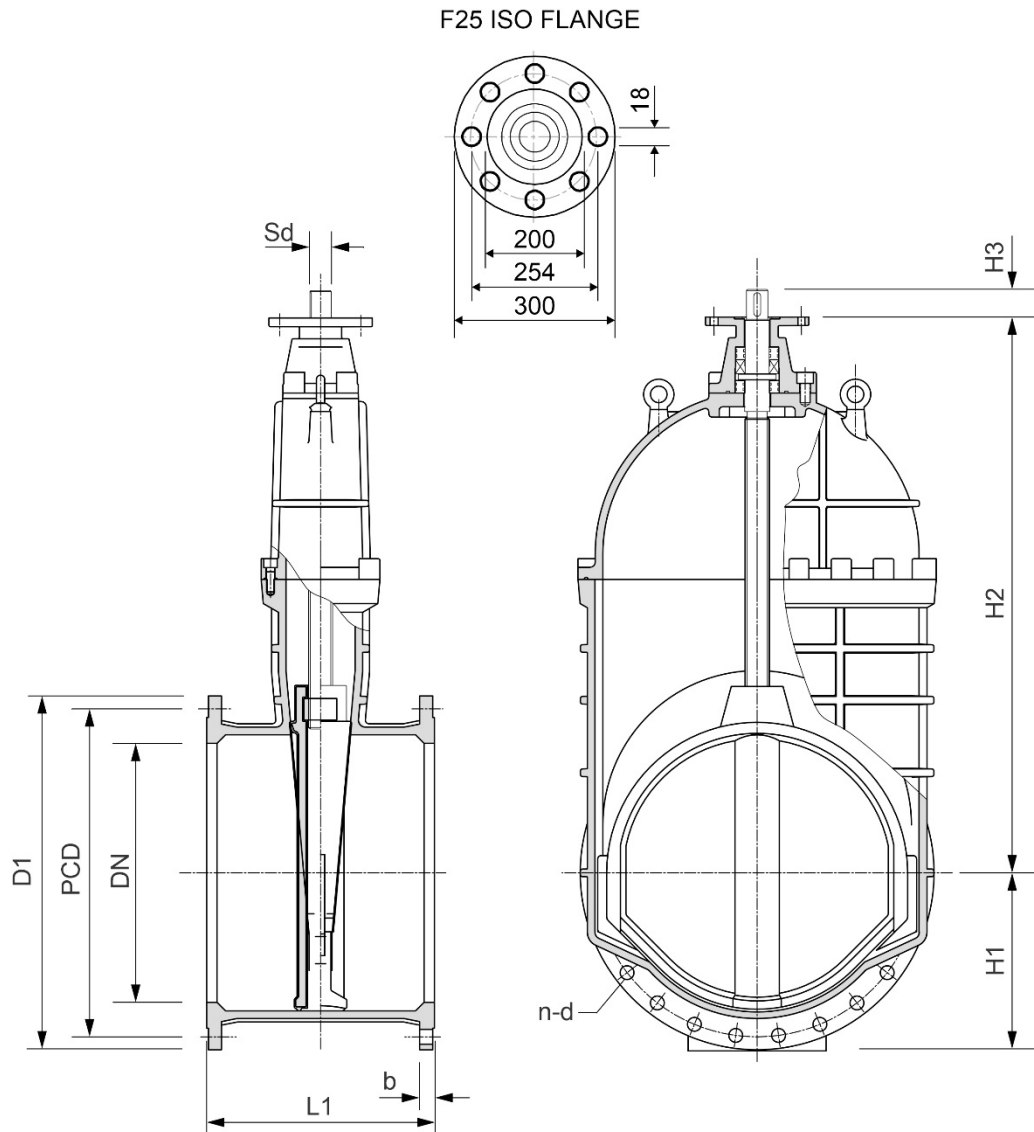
### FEATURES

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  
Integrated cast in foot design provides stability  
Isolated fasteners are encapsulated with hot melt silicon coating  
Valve can be installed in either the vertical or horizontal position.  
10 Year Manufacturer's Warranty against Defects.

### COMPONENTS

	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	Alum Bronze C95210	AS 1565
4	Stem	Stainless Steel Gr 431	ASTM A276
5	Bonnet Gasket	EPDM	AS 1646
6	Bolts - Bonnet, Gland & Stem Cap	Stainless Steel Gr 316	ASTM A276
7	Bonnet	Ductile Iron Gr 500-7	AS 1831
8	Gland ISO Flange	Ductile Iron Gr 500-7	AS 1831
9	Stem Key	Stainless Steel	ASTM A276
10	Bushing	Alum Bronze C95210	AS 1565
11	Gland O-Ring	NBR	AS 1646
12	Stem Seals	NBR	AS 1646
13	Bearing		
14	Stem Seals	NBR	AS 1646
15	Bushing	Alum Bronze C95210	AS 1565
16	Dust Cover	EPDM	AS 1646
17	Eye Bolts	Carbon Steel	Galv





### DIMENSIONS

DN	L1	H1	H2	H3	Sd	D1	PCD	n-d	b	No Turns	Torque In Nm	Weight kg	ACC	CC
750	660	516	1610	80	60	1025	927	20-33d	43	66	832	1390	VGFI75	VGFI75C

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