

RESILIENT SEAT GATE VALVE

OS&Y DN50 - DN300

MODEL: RSGV3621



FEATURES AND BENEFITS

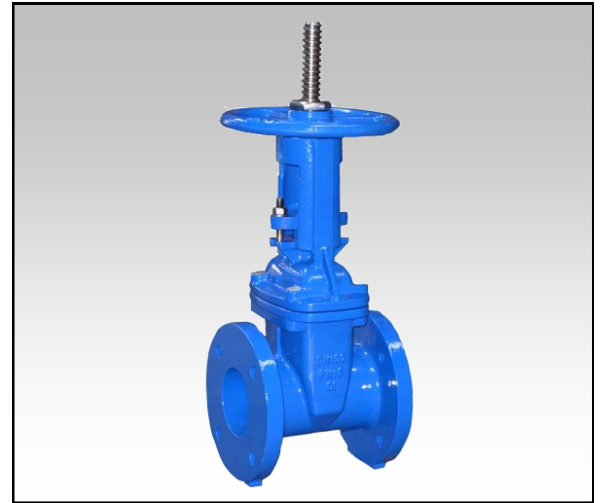
- Fusion bonded Epoxy coating to AS4158 internally and externally
- Face to Face dimension complies with ISO5752
- Bubble tight shut off
- EPDM Rubber Encapsulated Disc
- Comply to AWWA C515

Working Pressure and Temperature:

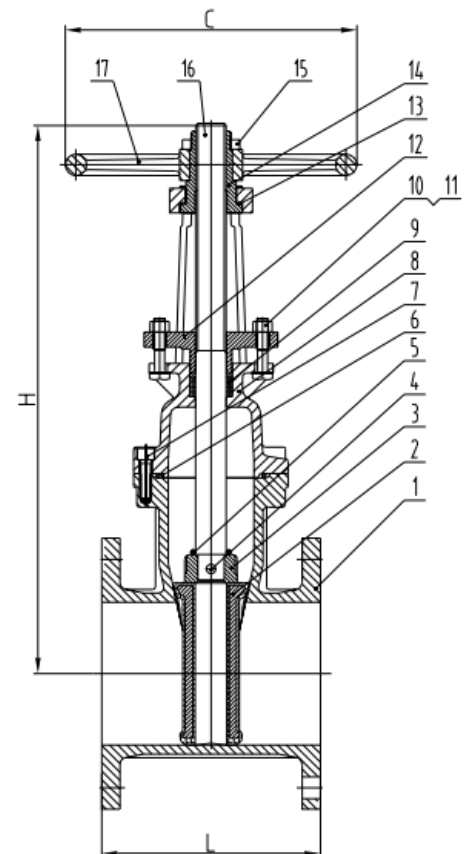
- Working Pressure PN16
- Temperature from -10°C to 120°C

Flange Types:

- EN1092.2 PN16
- Drilled to AS4087 B5 (Table D/C) or AS2129 Table E
- Other drilling available upon request



ITEM	COMPONENT	MATERIAL	GRADE
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Wedge	Ductile Iron EPDM Encapsulated	ASTM A536 65-45-12
3	Wedge Nut	Stainless Steel	ASTM A276 304
4	Pin	Stainless Steel	ASTM A276 304
5	O-Ring	Rubber	NBR
6	Gasket	Rubber	EPDM
7	Bolts	Stainless Steel	ASTM A276 304
8	Bonnet	Ductile Iron	ASTM A536 65-45-12
9	Packing	Graphite	
10	Bolt	Stainless Steel	ASTM A276 304
11	Nut	Stainless Steel	ASTM A276 304
12	Gland	Ductile Iron	ASTM A536 65-45-12
13	Washer	Brass	
14	Yoke Nut	Bronze	ASTM B148 C95200
15	Hand Wheel Nut	Ductile Iron	ASTM A536 65-45-12
16	Stem	Stainless Steel	ASTM A276 420
17	Hand Wheel	Ductile Iron	ASTM A536 65-45-12



Size	DIMENSIONS									
	L	H (Open)	H (Closed)	C	K (PCD)	Table D n-Ød	Table E n-Ød	Number of Turns	Torque (N.m)	Weight (Kg)
DN50	178	385	320	184	114	4 x 18	4 x 18	7	35	16
DN65	190.5	415	350	184	127	4 x 18	4 x 18	9	40	18
DN80	203	480	400	254	146	4 x 18	4 x 18	10	70	28
DN100	229	550	450	254	178	4 x 18	8 x 18	13.5	100	30
DN150	267	740	590	305	235	8 x 18	8 x 22	19.5	150	53
DN200	292	930	730	356	292	8 x 18	8 x 22	26	205	75
DN250	330	1130	880	445	356	8 x 22	12 x 22	32	252	125
DN300	356	1320	1020	445	406	12 x 22	12 x 26	38.5	306	175

APPLICATIONS

Challenger Valves and Actuators are the **“Right Choice for Valves and Actuation”** when quality matters.

This valve is commonly used for: water, sewage and neutral liquid applications.