



FEATURES AND BENEFITS

- Designed in accordance with AS2638.2.
- AS2638.2 Certified product by SAI Global Licence No: SMPK20472.
- WSAA Accredited - Appraisal Number:PA06-09
- Australian Water Quality Centre approved to AS4020.
- Valve sizing conforms to the Australian requirements of the Water Supply Code.
- The Body and Bonnet are made of high grade ductile iron to AS1831.
- An integral stem nut secures wedge spindle fixing and prevents slop and corrosion.
- The complete wedge including internal bore is fully encapsulated by rubber preventing creep and corrosion.
- Drop tight seal.
- Hand wheel operation.
- Can be supplied with clockwise or anti-clockwise closing directions.
- Fusion bonded epoxy coating to AS4158 internally and externally providing longer life and excellent corrosion protection.
- Full bore ports avoid the ingress of debris

Options

- Flange connection: AS2129 E
- Gearbox operator
- Electric actuator
- Extensions
- ISO Top Flange



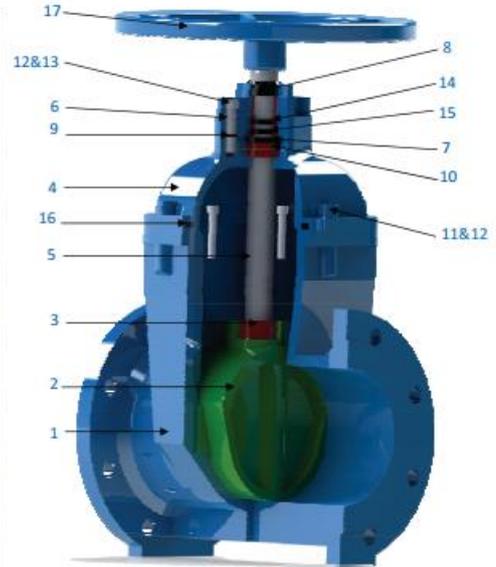
TECHNICAL SPECIFICATION

- **Construction:** Resilient Seated Gate Valve with Hand wheel arrangement.
- **Size:** 80mm - 300mm
- **Pressure Rating:** PN16
- **Face to Face:** According to AS2638.2
- **Flange Drilling:** AS4087 B5 (Table D)
(others available on request)
- **Coatings:** AS4158
- **Temperature Range:** 40°C Max
- **Pressure Testing:** According to AS2638.2
 - Body: 24 BAR
 - Seat: 16 BAR



TECHNICAL : VALVE MATERIALS

ITEM	COMPONENT	MATERIAL	GRADE
1	Body	Ductile Iron, 450-10	AS1831
2	Gate	Ductile Iron, 450-10, core fully encapsulated with EPDM rubber Integral wedge nut	AS1831 AS1646
3	Wedge Nut	Bronze C95210	AS1565
4	Bonnet	Ductile Iron, 450-10	AS1831
5	Stem	Stainless Steel, 431	ASTM A276
6	Gland Flange	Ductile Iron, 450-10	AS1831
7	Spindle Seal Retainer	Bronze, C83600	AS1565
8	Wiper ring	NBR rubber	AS1646
9	O-Ring	NBR rubber	AS1646
10	Washer	POM	
11	Cover Bolt	Stainless Steel, 316	ASTM A276
12	Hot Melt Seal	-	
13	Cover Bolt	Stainless Steel, 316	ASTM A276
14	O-Ring	NBR rubber	AS1646
15	O-Ring	NBR rubber	AS1646
16	Bonnet Sealing	EPDM rubber	AS1646
17	Hand wheel	Ductile Iron, 450-10	AS1831



DIMENSIONS									
DN	K	D	L	H	M	n-Ød	Weight (Kg)	No. of Turns to Open/ Close	
80	146	185	203	287	285	4-Ø18	23	18	
100	178	215	229	302	285	4-Ø18	26	23	
150	235	280	267	400	365	8-Ø18	50	34	
200	292	335	292	509	405	8-Ø18	76	41	
225	324	370	305	596	510	8-Ø18	122	44	
250	356	405	330	615	510	8-Ø22	129	46	
300	406	455	356	704	510	12-Ø22	210	46	

