

Resilient Gate Valve with Non Rising Stem

Standard Suitable
BS 5163: 2004 PN16
Also Available: Din 3202 PN16
and AWWA C509 250PSI

Operating Conditions
Working Pressure: 1.6 MPa
Working Temperature: $\leq 70^{\circ}\text{C}$

Testing Pressure
(Hydrostatic)
Seat: 1.6 MPa
Shell: 2.4MPa



Low Operating Torque

Bubble Tight Shut off

Fully Encapsulated Wedge

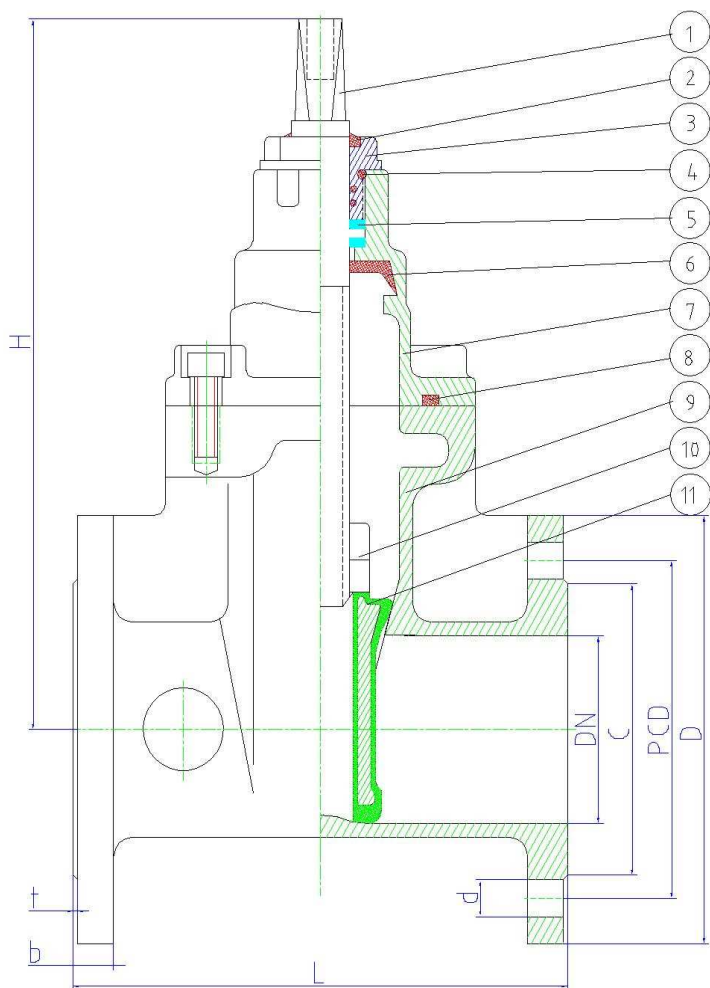
**Features
and
Benefit**

Powder Coating WIS 4-52

Forged Stem of Stainless Steel

All Seals by O-Ring of EPDM

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Part & Material

No.	Part Name	Material	Grade
1	Stem	Stainless Steel	GB/T 1220 1Cr13
2	Stem Ring Wiper	EPDM	21CFR 177.2600
3	Gland	Brass	GB/T 5231 H62
4	Gland Seal O-Ring	EPDM	21CFR 177.2600
5	Stem Thrust Washer	Nylon	HG/T 2349 1010
6	Stem Primary Ring	EPDM	21CFR 177.2600
7	Bonnet	SG Cast iron	BS 1563 500-7
8	Bonnet Gasket	EPDM	21CFR 177.2600
9	Body	SG Cast iron	BS 1563 500-7
10	Wedge Nut	Bronze	GB/T 8739 ZQSn5-5-5
11	Resilient Wedge	SG Cast iron EPDM	BS 1563 500-7

Main Dimensions

mm

DN	L	H	D	PCD	C	b	t	n-d
50	178	253	165	125	98	19	3	4 - 19
65	190	284	185	145	118	19	3	4 - 19
80	203	320	200	160	133	19	3	8 - 19
100	229	343	220	180	153	19	3	8 - 19
125	254	408	250	210	183	19	3	8 - 19
150	267	425	285	240	209	19	3	8 - 19
200	292	530	340	295	264	20	3	12 - 23
250	330	621	400	355	319	22	3	12 - 28
300	356	703	455	410	367	24.5	4	12 - 28
350	381	841	520	470	429	26.5	4	16 - 28
400	406	922	580	525	480	28	4	16 - 31
450	432	1022	640	585	550	30	4	20 - 31
500	457	1177	715	650	609	31.5	4	20 - 35
600	508	1379	840	770	682	36	5	20 - 37



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