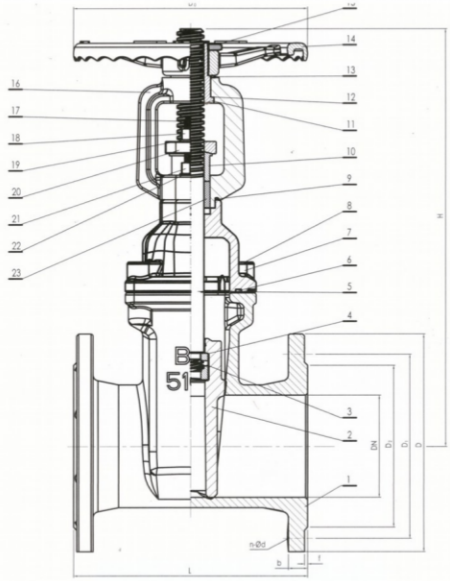
Ductile Iron Resilient Seat Gate Valves SABS 665 Rising Spindle

Model No. CV-R101-RS



Design to BS5150 Type B, and EN1074-2
Face to face dimension to BS5150
Flange and drilling to BS4504 PN16
Tests: hydraulic test to BS6755 part 1
Rising stem
Stem seal replaceable under pressure with valve in fully open position
Use: for potable water, sewage and neutral liquids to Maximum 70℃
Coating: fusion bonded epoxy coating internally and externally minimum 250 microns

■ Components :

No.	Name	Material
1	Body	Ductile Iron, BS EN1563 EN--GJS-500-7
2	Wedge	DI core, fully vulcanized with EPDM or NBR
3	Wedge Nut	Forged Brass, BS EN12165 CW617N
4	Pin	Stainless Steel
5	Stem	Stainless Steel, BS EN10088-3
6	Bonnet Gasket	Rubber, EPDM
7	Bonnet	Ductile Iron, BS EN1563 EN--GJS-500-7
8	Bonnet Bolts	Carbon Steel
9	O-ring	Rubber, EPDM
10	Packing Sleeve	Stainless Steel
11	Stem Nut	Forged Brass, BS EN12165 CW617N
12	Stem Nut Gasket	Nylon
13	Handwheel Gasket	Nylon
14	Handwheel	Ductile Iron, BS EN1563 EN--GJS-500-7
15	Handwheel Screw	Stainless Steel
16	York	Ductile Iron, BS EN1563 EN--GJS-500-7
17	York Bolts	Stainless Steel
18	Gland Nut	Carbon Steel
19	Washer	Carbon Steel
20	Packing Gland	Ductile Iron, BS EN1563 EN--GJS-500-7
21	York Nut	Carbon Steel
22	York Washer	Carbon Steel
23	Packing	Teflon

■ Dimensions (mm)

DN	L	D	D1	D2	Do	b	f	Z-Φd	H	Weight Kg
50	178	165	125	102	200	19	3	4-Φ18	312	20
80	203	200	160	138	250	19	3	8-Φ18	380	25
100	229	220	180	158	250	19	3	8-Φ18	410	38
150	267	285	240	212	305	19	3	8-Φ22	562	61
200	292	340	295	268	356	20	3	12-Φ22	730	86
250	330	405	355	320	457	22	3	12-Φ26	865	149
300	356	460	410	378	457	24.5	4	12-Φ26	1020	201
350	381	520	470	438	500	26.5	4	16-Φ26	1170	290
400	406	580	525	490	500	28	4	16-Φ30	1300	340
450	432	640	585	550	800	30	4	20-Φ30	1435	405
500	457	715	650	610	800	31.5	4	20-Φ33	1564	518
600	508	840	770	725	800	35	5	20-Φ36	1836	815
700										
800										