

SABS 664 PN10/PN16

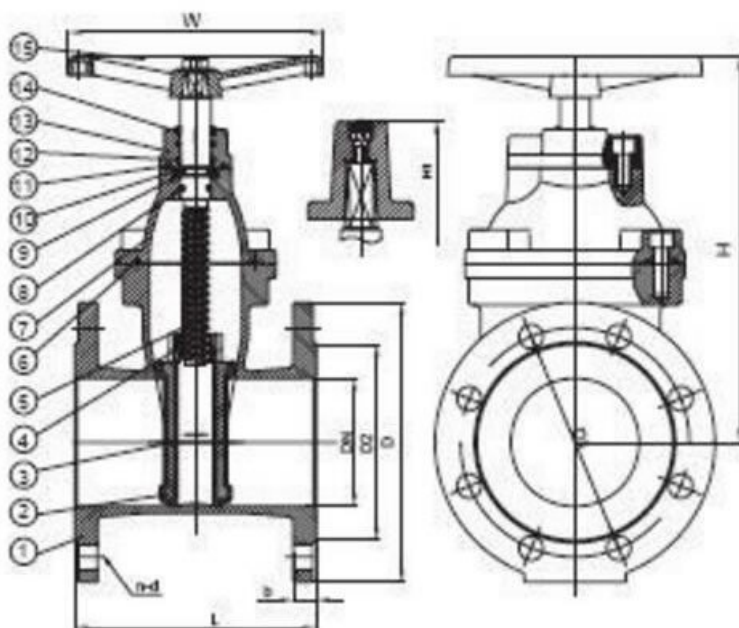
Non-rising Stem Resilient Seated Gate Valve

■ Features:

Bolted Bonnet
 Replaceable O-ring
 Rubber encapsulated wedge, Brass Wedge Nut.
 Fusion bonded epoxy coated inside and outside, blue RAL 5017 200 Micron thick
 Working pressure from -1 to +16 Bar and working temperature from -10 to +80 °C

■ Technical Specification:

Valve design according to SABS 664
 Face to face dimensions according to SABS 664
 Standard flange drilling to EN 1092-2, ISO 7005-2
 Hydraulic test according to EN 12266, ISO5208



■ MATERIAL LIST

Item No.	Part Name	Specification
1	Body	Ductile Iron EN- GJS- 500- 7
2	Wedge	Ductile Iron EN- GJS- 500- 7
3	Wedge Coating	NBR /EPDM EN 681-1
4	Wedge Nut	Copper Alloy
5	Stem	Stainless Steel X20 Cr13
6	Bonnet Gasket	NBR /EPDM EN 681-1
7	Bonnet	Ductile Iron EN- GJS- 500- 7
8	O Ring Back Sealing	EPDM/NBR
9	Stem Collar	Stainless Steel / Copper Alloy
10	O-Ring	EPDM/NBR
11	O-Ring	EPDM/NBR
12	Stuffing Nut	Copper Alloy
13	Dust Guard	EPDM/NBR
14	HandWheel	Ductile Iron EN- GJS- 500- 7
15	Stem Cap	Ductile Iron EN- GJS- 500- 7

Main Connection Dimensions (mm)

Size	L		D	b	EN 1092-2 PN10			EN 1092-2 PN16			H	W	Weight (Kgs)	
	SABS664	SABS665			D1	D2	n-d	D1	D2	n-d			SABS 665	SABS664
50	178	216	165	19	125	99	419	125	99	419	250	180	11.5	12
80	203	229	200	19	160	132	819	160	132	819	300	200	18.5	19.5
100	229	254	220	19	180	156	819	180	156	819	350	200	24	26
150	267	280	285	19	240	211	823	240	211	823	450	280	34	45
200	292	317	340	20	295	266	823	295	266	1223	550	320	63	69
250	330	356	405	22	350	319	1223	355	319	1228	650	350	95	106
300	356	380	460	24.5	400	370	1223	410	370	1228	710	380	135	148
350	381	470	520	26.5	460	429	1623	470	429	1628	762	450	216	240
400	406	470	580	28	515	480	1628	525	480	1631	836	450	282	310
450	432	485	640	30	565	530	2028	585	548	2031	957	640	414	440
500	457	510	715	31.5	620	582	2028	650	609	2034	1038	640	498	530
600	508	600	840	36	725	682	2031	770	720	2037	1188	640	690	750

SABS 664 PN25

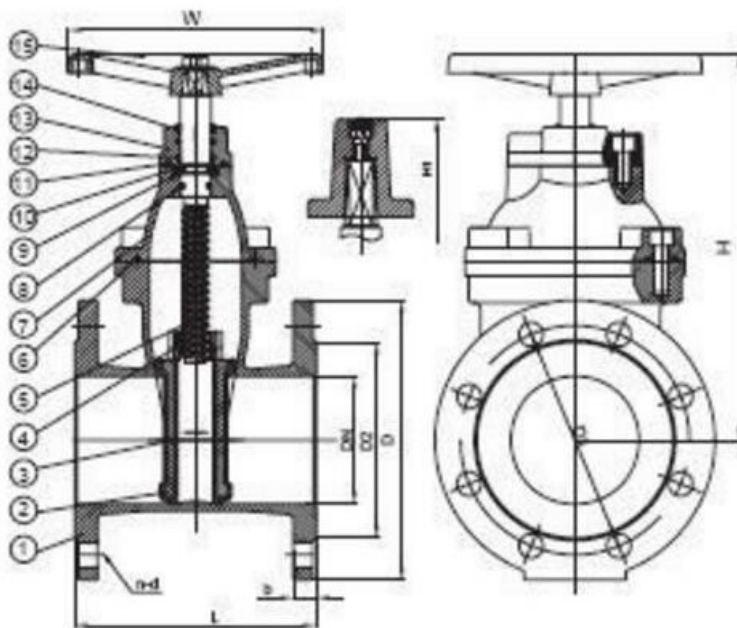
Non-rising Stem Resilient Seated Gate Valve

■ Features :

Bolted Bonnet
Replaceable O-ring
Rubber encapsulated wedge, Brass Wedge Nut.
Fusion bonded epoxy coated inside and outside , blue RAL 5017 200 Micron thick
Working pressure from -1 to +25 Bar and working temperature from -10 to +80 °C

■ Technical Specification :

Valve design according to SABS 664
Face to face dimensions according to SABS 664
Standard flange drilling to EN 1092-2, ISO 7005-2
Hydraulic test according to EN 12266, ISO5208



■ MATERIAL LIST

Item No.	Part Name	Specification
1	Body	Carbon Steel A216 WCB
2	Wedge	Ductile Iron EN- GJS- 500- 7
3	Wedge Coating	NBR /EPDM EN 681-1
4	Wedge Nut	Copper Alloy
5	Stem	Stainless Steel X20 Cr13
6	Bonnet Gasket	NBR /EPDM EN 681-1
7	Bonnet	Carbon Steel A216 WCB
8	O Ring Back Sealing	EPDM/NBR
9	Stem Collar	Stainless Steel / Copper Alloy
10	O-Ring	EPDM/NBR
11	O-Ring	EPDM/NBR
12	Stuffing Nut	Copper Alloy
13	Dust Guard	EPDM/NBR
14	HandWheel	Ductile Iron EN- GJS- 500- 7
15	Stem Cap	Carbon Steel A216 WCB

Main Connection Dimensions (mm)

Size	L		D	b	EN 1092-2 PN25			H	W	Weight (Kgs)	
	SABS664	SABS665			D1	D2	n-d			SABS 665	SABS664
50	178	178	165	20	126	102	4-18	250	180	23	25
80	203	203	200	24	160	138	8-18	300	200	37	41
100	229	229	235	25	190	162	8-22	350	200	52	58
150	267	267	300	30	250	218	8-26	450	280	114	127
200	292	292	360	30	310	278	12-26	550	320	173	192
250	330	330	425	30	370	335	12-26	650	350	235	261
300	356	356	485	32	430	395	16-26	710	380	324	360
350	381	381	555	35	490	450	16-33	762	450	511	568
400	406	406	620	40	550	505	16-33	836	450	729	810
450	432	432	670	45	600	555	20-33	957	640	821	912
500	457	457	730	50	660	615	20-33	1038	640	944	1049
600	508	508	845	50	770	725	20-39	1188	640	1019	1132