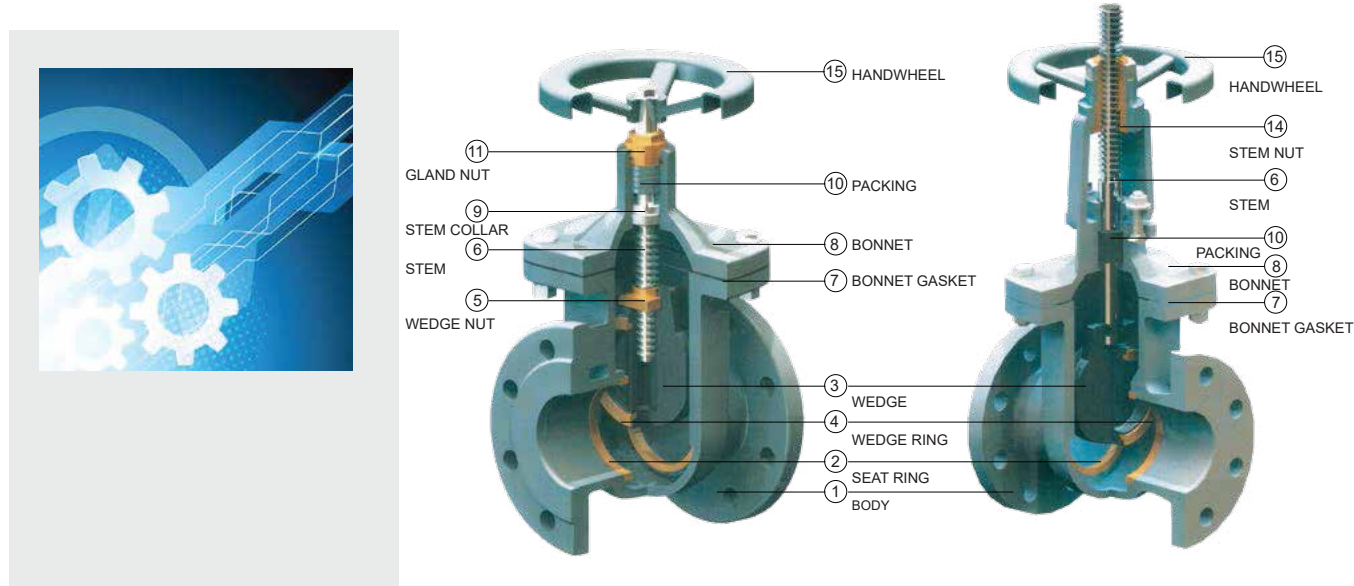


• GATE VALVE



- Top sealing
- 1.Reliable seal, long service life, easy to maintain, high temperature resistant and incorrodible.
 - 2.Low open torque, turning freely, suitable for resilient seal gate valve
 - 3.Low open torque, turning freely, easy to maintain
 - 4.Reliable sea, long service life, easy to install and maintain

Body
Oval bore design to ensure good compression and deformation resist performance. Body surface with FEB coated to ensure good ageing resistance & weather resisting property.

Handwheel
Handwheel with tapered square hole,easy to install and fasten.

Seat
Embedded type seat, safety and integrated.

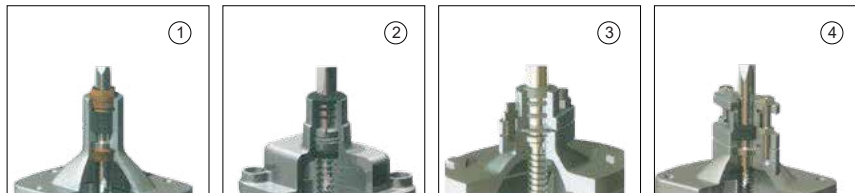
Gasket
Compound Graphite gasket, good performance and long service life.

Stem Nut
Cooper stem nut. Good anticorrosion performance.

Disc
Disc with guide groove to protect the sealing face, also to ensure on-off freely.

Bolt, Nut,Half Ring
Stem is oriented by half ring and double bolt&nuts to ensure the disc on-off freely.

Packing
Soft graphite, long service life, easy to sealing and maintain.



- Application:**
The series of gate valve is specially designed to suit for transportation, distribution and extraction system in water, air, low pressure steam, gas and petroleum industry, not recommend for steam service.

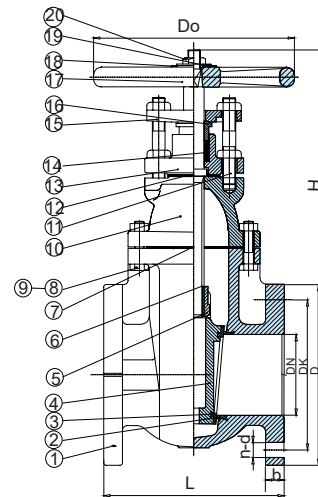
- Normal Features:**
 - 1.Renewable Brass or Bronze Seat Ring.
 - 2.Non-Asbestos Packing and Gasket.
 - 3.Disc seat ring in all sizes are present into disc.
 - 4.Big flow area, small flow resistance coefficient and good leak tightness in high pressure
 - 5.Widely use field, good adaptability.
 - 6.No direction demand, easy to install in pipe.
 - 7.Good material washability.

- Service conditons:**
Normal: temperature from -10 degree to 120 degree for Brass or Bronze seat

ITEM NO.	PART NAME	MATERIAL	SPECIFICATION	
1	BODY	CAST IRON	GG25	ASTM A126B
		DUCTILE IRON	GGG50	ASTM A536
2	SEAT RING	BRASS	BRASS	ASTM B16
		BRONZE	BRONZE	ASTM B62
3	WEDGE	CAST IRON	GG25	ASTM A126B
		DUCTILE IRON	GGG50	ASTM A536
4	WEDGE RING	BRASS	BRASS	ASTM B16
		BRONZE	BRONZE	ASTM B62
5	WEDGE NUT	BRASS	BRASS	ASTM B16
6	STEM	STAINLESS/STEEL	20CR13	SS416
		BRASS	BRASS	ASTM B16
7	BONNET GASKET	GRAPHITE+STEEL	GRAPHITE+STEEL	GRAPHITE+STEEL
8	BONNET	CAST IRON	GG25	ASTM A126B
		DUCTILE IRON	GGG50	ASTM A536
9	STEM COLLAR	STAINLESS STEEL	20CR13	SS410
10	PACKING	GRAPHITE	GRAPHITE	GRAPHITE
11	GLAND NUT	BRASS	BRASS	ASTM B16
12	STUFFING BOX	CAST IRON	GG25	ASTM A126B
		DUCTILE IRON	GGG50	ASTM A536
13	GLAND FLOWLER	DUCTILE IRON	GGG50	ASTM A536
14	STEM NUT	BRASS	BRASS	ASTM B16
15	HANDWHEEL	DUCTILE IRON	GGG50	ASTM A536



Non-Rising Stem Metal Seated Gate Valve (ANSI B16.10)

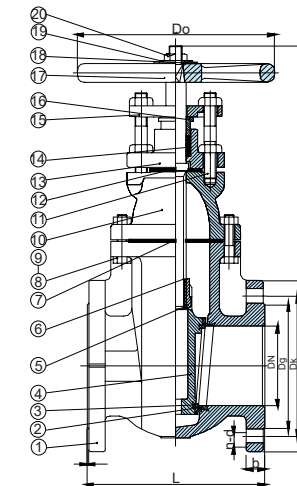


DIMENSIONS IN INCHES AND MILLIMETRES

DN	L	Dk	D	b	n-d	Do	H
2"	178	121	152	15.9	4-19	178	289
2.5"	190.5	140	178	17.5	4-19	178	323
3"	203.2	152.5	190	19.1	4-19	200	338
4"	228.6	190.5	228.6	23.5	8-19	254	411
5"	254	215.9	254	23.8	8-22	300	503
6"	266.7	241.3	279.4	25.4	8-22	300	558
8"	292	298.5	343	28.6	8-22	348	650
10"	330	362	406	30.2	12-25	400	770
12"	356	432	483	31.8	12-25	457	861
14"	381	476	533	35	12-29	508	991
16"	406	540	597	36.6	16-29	558	1058
18"	432	578	635	39.7	16-32	610	1206
20"	457	635	699	42.9	20-32	640	1276
24"	508	749	813	47.6	20-35	762	1466
30"	610	914	984	54	28-35	813	1845
36"	711	1086	1168	60.3	32-42	813	2124

NO.	PART	MATERIAL	STANDARD
1	Body	Cast Iron	ASTM A126 CLASS B
2	Seat Rings	Cast Bronze	ASTM B62
3	Wedge Face Rings	Cast Bronze	ASTM B62
4	Wedge	Cast Iron	ASTM A126 CLASS B
5	Wedge Nut	Cast Brass	ASTM B62
6	Stem	Brass	ASTM B16
7	Body Gasket	Graphite	NON ASBESTOS
8	Bolts	Steel	ASTM A307 B
9	Nuts	Steel	ASTM A307 B
10	Bonnet	Cast Iron	ASTM A126 CLASS B
11	Gland Follower Bolts	Steel	ASTM A307 B
12	Stuffing Box Gasket	Graphite	ASTM A126 CLASS B
13	Stuffing Box	Cast Iron	ASTM A307 B
14	Packing	Graphite	NON ASBESTOS
15	Gland Follower	Ductile Iron	ASTM A536 65-45-12
16	Packing Gland	Cast Brass	ASTM B584
17	Handwheel	Cast Iron	ASTM A126 CLASS B
18	Identification Plate	Aluminium	
19	Washer	Steel	ASTM A307 B
20	Handwheel Nut	Steel	ASTM A307 B

Non-Rising Stem Metal Seated Gate Valve (BS5163)



DIMENSIONS-INCHES AND MILLIMETRES

VALVE SIZE	L	Dg	Dk	D	b	f	n-d	Do	H
50	178	102	125	165	20	2	4-19	178	210
65	190.5	122	145	185	20	2	4-19	178	237
80	203.2	138	160	200	22	2	8-19	200	274
100	228.6	158	180	220	24	2	8-19	254	300
125	254	188	210	250	26	2.5	8-19	300	364
150	266.7	212	240	285	26	2.5	8-23	300	404
200	292	268	295	340	30	2.5	12-23	348	497
250	330	320	355	405	32	2.5	12-28	400	590
300	356	378	410	460	32	2.5	12-28	457	667
350	381	438	470	520	36	3	16-28	508	882
400	406	490	525	580	38	3	16-31	558	956
450	432	550	585	640	40	3	20-31	610	1027
500	457	610	650	715	42	3	20-34	640	1106
600	508	725	770	840	48	3.5	20-37	762	1258

NO.	PART	MATERIAL	STANDARD
1	Body	Cast Iron	BS1452 Cr.180
2	Seat Rings	Cast Bronze	BS1400 LG2
3	Wedge Face Rings	Cast Bronze	BS1400 LG2
4	Wedge	Cast Iron	BS1452 Cr.180
5	Wedge Nut	Cast Bronze	BS1400 LG2
6	Stem	Brass	BS2874 CZ122
7	Body Gasket	Graphite	BS2494 Type W
8	Bolts	Steel	BS970 43A
9	Nuts	Steel	BS970 43A
10	Bonnet	Cast Iron	BS1452 Cr.180
11	Gland Follower Bolts	Steel	BS970 43A
12	Stuffing Box Gasket	Graphite	BS2494 Type W
13	Stuffing Box	Cast Iron	BS1452 Cr.180
14	Packing	Graphite	BS2494 Type W
15	Gland Follower	Ductile Iron	BS2789 Gr.420-12
16	Packing Gland	Cast Brass	BS1400 PCB1
17	Handwheel	Cast Iron	BS1452 Cr.180
18	Identification Plate	Aluminium	
19	Washer	Steel	BS970 43A
20	Handwheel Nut	Ductile Iron	BS2789 Gr.420-12

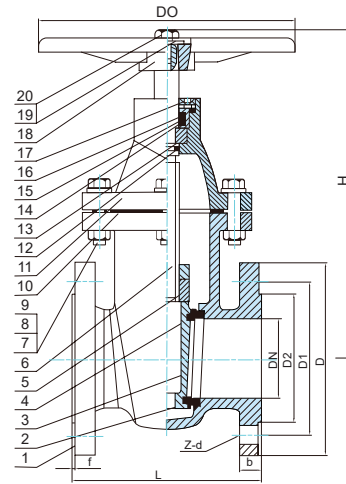


- Conforms to BS5150 PN16 & BS5163
- Flanges drilled to BS4504
- Face to Face dimensions conform to BS5150 Series 3.
- Nominal pressure: 1.6Mpa
- Seat Test pressure: 1.6Mpa
- Shell Test pressure: 2.4Mpa
- Suitable temperatures ≤ 230°C
- Suitable media: water, oil, gas





Non-Rising Stem Metal Seated Gate Valve (DIN 3202 F4/F5)

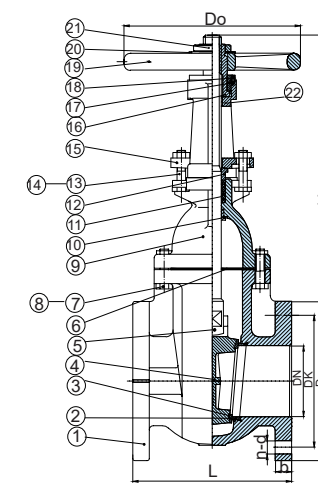


CAST IRDN GATE VALVE FLANGED NRS TD DIN3352 PN16

DN	D	D1	D2	L		b	H	f	Z-d	D0
				F4	F5					
Ø40	Ø150	Ø110	Ø84	140	240	18	214	3	4-Ø19	Ø180
Ø50	Ø165	Ø125	Ø99	150	250	20	232	3	4-Ø19	Ø200
Ø65	Ø185	Ø145	Ø118	170	270	20	258	3	4-Ø19	Ø200
Ø80	Ø200	Ø160	Ø132	180	280	22	281	3	8-Ø19	Ø220
Ø100	Ø220	Ø180	Ø156	190	300	24	315	3	8-Ø19	Ø250
Ø125	Ø250	Ø210	Ø184	200	325	26	358	3	8-Ø19	Ø280
Ø150	Ø285	Ø240	Ø211	210	350	26	408	3	8-Ø23	Ø280
Ø200	Ø340	Ø295	Ø266	230	400	30	500	3	12-Ø23	Ø320
Ø250	Ø405	Ø355	Ø319	250	450	32	572	3	12-Ø28	Ø350
Ø350	Ø520	Ø470	Ø429	270	500	36	751	4	16-Ø28	Ø450
Ø400	Ø580	Ø525	Ø480	290	550	38	832	4	16-Ø31	Ø450

DN	PART NAME	MATERIAL	STANDARD
1	Body	Gray Cast Iron	GG25
2	Body Seat Ring	Brass	
3	Wedge	Ductile Iron	GGG50
4	Wedge Seat Ring	Brass	
5	Stem Nut	Brass	
6	Stem	Stainless Steel	2Cr13
7	Bonnet Bolt	Carbon Steel	A3
8	Nut	Carbon Steel	A3
9	Washer	Carbon Steel	A3
10	Gasket	Nbr	
11	Bonnet	Gray Cast Iron	GG25
12	O-Ring	Nbr	
13	Locating Ring	Brass	
14	O-Ring	Nbr	
15	Bonnet Nut	Brass	
16	Minipad	Tfl	
17	Dust Ring	Nbr	
18	Wheel	Ductile Iron	GGG50
19	Washer	Carbon Steel	A3
20	Bolt	Carbon Steel	A3

Rising Stem Metal Seated Gate Valve (ANSI B16.10)



DIMENSIONS IN INCHES AND MILLIMETRES

DN	L	Dk	D	b	n-d	Do	H
2"	178	121	152	15.9	4-19	178	380
2.5"	190.5	140	178	17.5	4-19	178	430
3"	203.2	152.5	190	19.1	4-19	200	485
4"	228.6	190.5	228.6	23.5	8-19	254	615
5"	254	215.9	254	23.8	8-22	300	700
6"	266.7	241.3	279.4	25.4	8-22	300	835
8"	292	298.5	343	28.6	8-22	348	1010
10"	330	362	406	30.2	12-25	400	1220
12"	356	432	483	31.8	12-25	457	1435
14"	381	476	533	35	12-29	508	1655
16"	406	540	597	36.6	16-29	558	1825
18"	432	578	635	39.7	16-32	610	2020
20"	457	635	699	42.9	20-32	640	2290
24"	508	749	813	47.6	20-35	762	3360
30"	610	914	984	54	28-35	813	3665
36"	711	1086	1168	60.3	32-42	813	3920

NO.	PART	MATERIAL	STANDARD
1	Body	Cast Iron	ASTM A126 CLASS B
2	Seat Rings	Cast Bronze	ASTM B62
3	Wedge Face Rings	Cast Bronze	ASTM B62
4	Wedge	Cast Iron	ASTM A126 CLASS B
5	Stem	Brass	ASTM B16
6	Body Gasket	Graphite	NON ASBESTOS
7	Bolts	Steel	ASTM A307 B
8	Nuts	Steel	ASTM A307 B
9	Bonnet	Cast Iron	ASTM A126 CLASS B
10	Back Seat Bushing	Cast Brass	ASTM B584
11	Packing	Graphite	NON ASBESTOS
12	Packing Gland	Cast Brass	ASTM B584
13	Gland Follower Bolts	Steel	ASTM A307 B
14	Gland Follower Nuts	Steel	ASTM A307 B
15	Gland Follower	Ductile Iron	ASTM A536 65-45-12
16	Yoke Bushing	Cast Bronze	ASTM B62
17	Yoke Bushing Nut	Cast Iron	ASTM A126 CLASS B
18	Screw	Steel	ASTM A307 B
19	Handwheel	Cast Iron	ASTM A126 CLASS B
20	Identification Plate	Aluminium	
21	Handwheel Nut	Ductile Iron	ASTM A536 65-45-12
22	Yoke	Cast Iron	ASTM A126 CLASS B

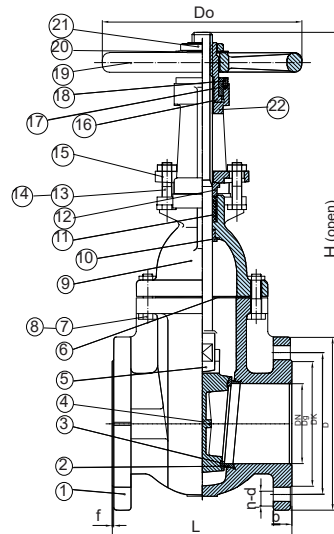


- Conforms to MSS SP-70
- Flanges drilled to ANSI B16.1(125LB)
- Face to Face dimensions conform to ANSI B16.10(125LB)
- Working pressure: 125S, 200WOG. With MSS SP-70
- Suitable media: water, oil, gas
- Construction available in all iron.
- Yoke construction for sizes 50,65 &80 have 1 piece bonnet/yoke.





Rising Stem Metal Seated Gate Valve (BS5163)

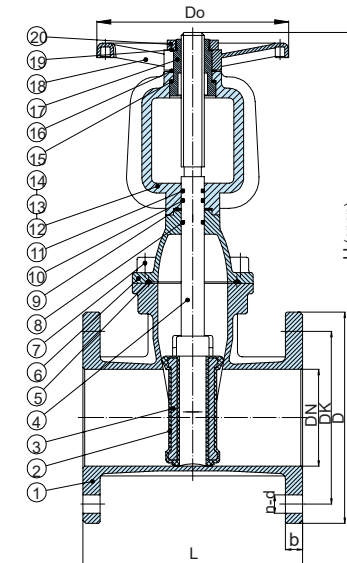


DIMENSIONS-INCHES AND MILLIMETRES

VALVE SIZE	L	Dg	Dk	D	b	f	n-d	Do	H
50	178	102	125	165	20	2	4-19	178	380
65	190.5	122	145	185	20	2	4-19	178	430
80	203.2	138	160	200	22	2	8-19	200	485
100	228.6	158	180	220	24	2	8-19	254	615
125	254	188	210	250	26	2.5	8-19	300	700
150	266.7	212	240	285	26	2.5	8-23	300	835
200	292	268	295	340		2.5	12-23	348	1010
250	330	320	355	405	32	2.5	12-28	400	1220
300	356	378	410	460	32	2.5	12-28	457	1435
350	381	438	470	520	36	3	16-28	508	1655
400	406	490	525	580	38	3	16-31	558	1825
450	432	550	585	640	40	3	20-31	610	2020
500	457	610	650	715	42	3	20-34	640	2290
600	508	725	770	840	48	3.5	20-37	762	3665

NO.	PART	MATERIAL	STANDARD
1	Body	Cast Iron	BS1452 Cr.180
2	Seat Rings	Cast Bronze	BS1400 LG2
3	Wedge Face Rings	Cast Bronze	BS1400 LG2
4	Wedge	Cast Iron	BS1452 Cr.180
5	Stem	Brass	BS2874 CZ122
6	Body Gasket	Graphite	BS2494 Type W
7	Bolts	Steel	BS970 43A
8	Nuts	Steel	BS970 43A
9	Bonnet	Cast Iron	BS1452 Cr.180
10	Back Seat Bushing	Cast Brass	BS1400 PCB1
11	Packing	Graphite	BS2494 Type W
12	Packing Gland	Cast Brass	BS1400 PCB1
13	Gland Follower Bolts	Steel	BS970 43A
14	Gland Follower Nuts	Steel	BS970 43A
15	Gland Follower	Ductile Iron	BS2789 Gr.420-12
16	Yoke Bushing	Cast Bronze	BS1400 LG2
17	Yoke Bushing Nut	Cast Iron	BS1452 Cr.180
18	Screw	Steel	BS970 43A
19	Handwheel	Cast Iron	BS1452 Cr.180
20	Identification Plate	Aluminium	
21	Handwheel Nut	Ductile Iron	BS2789 Gr.420-12
22	Yoke	Cast Iron	BS1452 Cr.180

Rising Stem Resilient Seated Gate Valve (ANSI B16.10)



DN	L	DK	D	b	n-d	Do	H
2"	178	120.5	152	15.9	4-19	160	380
2-1/2"	190	139.5	178	17.5	4-19	200	430
3"	203	152.5	191	19.1	4-19	200	485
4"	229	190.5	229	23.9	8-19	200	615
5"	254	216	254	23.9	8-22	250	700
6"	267	241.5	279	25.4	8-22	250	835
8"	292	298.5	343	28.6	8-22	320	1010
10"	330	362	406	30.2	12-25	370	1220
12"	356	432	483	31.8	12-25	370	1435
14"	381	476	533	35	12-29	450	1655
16"	406	539.5	597	36.6	16-29	450	1825
18"	432	578	635	39.7	16-32	640	2020
20"	457	635	699	42.9	20-32	640	2290
24"	508	749.5	813	47.7	20-35	640	3665

NO.	PART	MATERIAL	STANDARD
1	Body	Ductile Iron	ASTM A536 65-45-12
2	Resilient wedge	Ductile Iron +EPDM	ASTM A536 65-45-12+EPDM
3	Wedge skeleton	Ductile Iron	ASTM A536 65-45-12
4	Stem	Stainless Steel	SS410
5	Gasket	EPDM	EPDM
6	Bonnet	Ductile Iron	ASTM A536 65-45-12
7	Bolts	Steel	ASTM A307 B
8	O-Ring	EPDM	EPDM
9	Gasket	PTFE	PTFE
10	O-Ring	EPDM	EPDM
11	O-Ring	EPDM	EPDM
12	Yoke	Ductile Iron	ASTM A536 65-45-12
13	Bolts	Steel	ASTM A307 B
14	Nuts	Steel	ASTM A307 B
15	Gasket	PTFE	PTFE
16	Gasket	PTFE	PTFE
17	Yoke Bushing	Brass	ASTM B16
18	Handwheel	Ductile Iron	ASTM A536 65-45-12
19	Identification plate	Aluminium	Aluminium
20	Handwheel Nut	Brass	ASTM B16

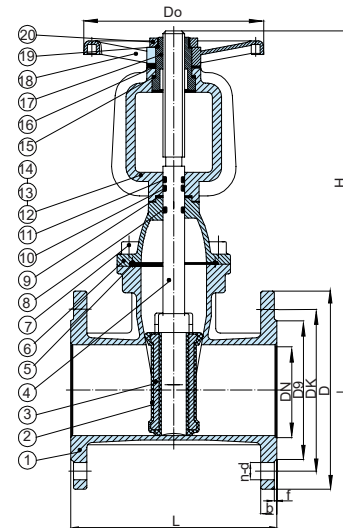


- Conform to AWWA C509
- Face to Face dimension conforms to
- ANSI16.10(125LB)
- Flanges drilled conforms to
- ANSI16.10(125LB)
- Suitable media:water





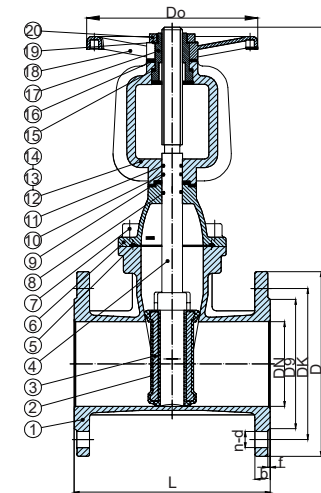
Rising Stem Resilient Seated Gate Valve (BS5163)



NO.	PART	MATERIAL	STANDARD
1	Body	Ductile Iron	BS2789 Gr450/10
2	Resilient wedge	Ductile Iron +EPDM	BS2789 Gr450/10+EPDM
3	Wedge skeleton	Ductile Iron	BS2789 Gr450/10
4	Stem	Stainless Steel	BS410 S21
5	Gasket	EPDM	EPDM
6	Bonnte	Ductile Iron	BS2789 Gr450/10
7	Bolts	Steel	BS970 43A
8	O-Ring	EPDM	EPDM
9	Gasket	PTFE	PTFE
10	O-Ring	EPDM	EPDM
11	O-Ring	EPDM	EPDM
12	Yoke	Ductile Iron	BS2789 Gr450/10
13	Bolts	Steel	BS970 43A
14	Nuts	Steel	BS970 43A
15	Gasket	PTFE	PTFE
16	Gasket	PTFE	PTFE
17	Yoke Bushing	Brass	BS1400 LG2
18	Handwheel	Ductile Iron	BS2789 Gr450/10
19	Identification plate	Aluminium	Aluminium
20	Handwheel Nut	Brass	BS1400 LG2

DN	L	Dg		DK		D		f	b		n-d		Do	H
		1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa		1.0MPa	1.6MPa	1.0MPa	1.6MPa		
50	178	99		125		165		3	19		4-19		160	410
65	190	118		145		185		3	19		4-19		200	487
80	203	132		160		200		3	19		8-19		200	538
100	229	156		180		220		3	19		8-19		200	620
125	254	184		210		250		3	19		8-19		250	673
150	267	211		240		285		3	19		8-23		250	726
200	292	265		295		340		3	20		8-23	12-23	320	867
250	330	319		350	355	400		3	22		12-23	12-28	370	1042
300	356	370		400	410	455		4	24.5		12-23	12-28	370	1297
350	381	429		460	470	520		4	24.5	26.5	16-23	12-29	450	1453
400	406	480		515	525	580		4	24.5	28	16-28	16-28	450	1692
450	432	530	548	565	585	615	640	4	25.5	30	20-28	16-31	640	1852
500	457	582	609	620	650	670	715	4	26.5	31.5	20-28	20-34	640	2023
600	508	682	720	725	770	780	840	5	30	36	20-31	20-37	640	2412

Rising Stem Resilient Seated Gate Valve (DIN3202-F4/F5)



NO.	PART	MATERIAL	STANDARD
1	Body	Ductile Iron	GGG50
2	Resilient wedge	Ductile Iron +EPDM	GGG50+EPDN
3	Wedge skeleton	Ductile Iron	GGG50
4	Stem	Stainless Steel	SS410
5	Gasket	EPDM	EPDM
6	Bonnte	Ductile Iron	GGG50
7	Bolt	Steel	SS304
8	O-Ring	EPDM	EPDM
9	Gasket	PTFE	PTFE
10	O-Ring	EPDM	EPDM
11	O-Ring	EPDM	EPDM
12	Yoke	Ductile Iron	GGG50
13	Bolt	Steel	SS304
14	Nuts	Steel	SS304
15	Gasket	PTFE	PTFE
16	Gasket	PTFE	PTFE
17	Yoke Bushing	Brass	CuZn39Pb
18	Handwheel	Ductile Iron	BS2789 Gr450/10
19	Identification plate	Aluminium	GGG50
20	Handwheel Nut	Brass	CuZn39Pb

DN	L		Dg		DK		D		f	b		n-d		Do	H
	F4	F5	1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa		1.0MPa	1.6MPa	1.0MPa	1.6MPa		
40	140	240	84		110		150		3	18		4-19		160	360
50	150	250	99		125		165		3	19		4-19		160	410
65	170	270	118		145		185		3	19		4-19		200	487
80	180	280	132		160		200		3	19		8-19		200	538
100	190	300	156		180		220		3	19		8-19		200	620
125	200	325	184		210		250		3	19		8-19		250	673
150	210	350	211		240		285		3	19		8-23		250	726
200	230	400	265		295		340		3	20		8-23	12-23	320	867
250	250	450	319		350	355	400		3	22		12-23	12-28	370	1042
300	270	500	370		400	410	455		4	24.5		12-23	12-28	370	1297
350	290	550	429		460	470	520		4	24.5	26.5	16-23	12-29	450	1453
400	310	600	480		515	525	565		4	24.5	28	12-27	16-28	450	1296
450	330	650	530	548	565	585	615	640	4	25.5	30	16-27	16-31	640	1675
500	350	700	582	609	620	650	670	715	4	26.5	31.5	20-28	20-34	640	2023
600	390	800	682	720	725	770	780	840	5	30	36	20-31	20-37	640	2412



- Conforms to DIN3352
- Flanges drilled to DIN2533 & EN1092
- Face to Face dimensions
- Conform to DIN3202 F4/F5
- Suitable media:water
- Suitable temperatures:100℃
- Nominal pressure:1.6Mpa
- Seat Test pressure: 1.6Mpa
- Shell Test pressure:2.4Mpa



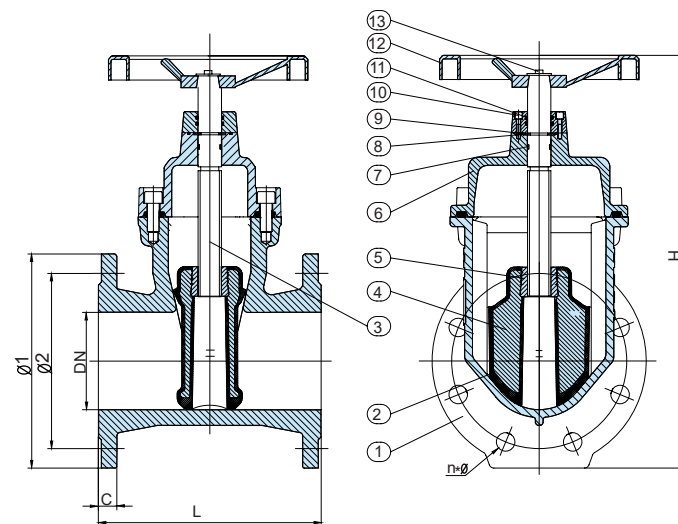


- Inside Screw
- Bolt Bonnet
- Non-Rising Stem
- Rubber Encapsulated Wedge
- Low-Torque Operation
- Flanged Ends

BASIC DESIGN STANDARDS	
BASIC DESIGN	BS5163
FACE TO FACE	BS5163
FLANGES	BS4504 PN16
TESTING	BS6755



Non-Rising Stem Gate Valve With Changeable O-Ring (BS5163)



TECHNICAL DATA

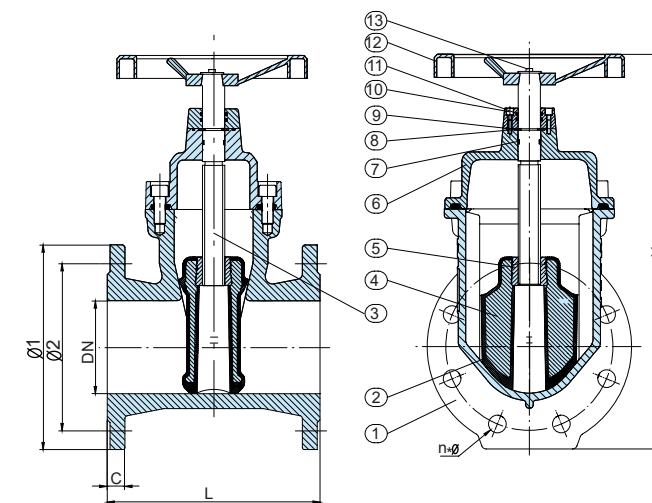
NOMINAL DIAMETER		DN40-DN500	mm
NOMINAL PRESSURE		1.6	
TESTING PRESSURE	SHELL TEST	2.4	Mpa
	SEALING TEST	1.76	

STANDARD MATERIALS OF MAIN PARTS

NO.	PART	MATERIAL
1	Body	Ductile Iron
2	Seat	EPDM
3	Shaft	Stainless Steel 420
4	Disc	Ductile Iron
5	Wedge Nut	Brass
6	Bonnet	Ductile Iron
7	O ring	EPDM
8	Thrust Washer	Brass
9	Sealing ring	EPDM
10	socket head screw	Carbon Steel
11	Oring	EPDM
12	Hand Wheel	Ductile Iron
13	Stem Nut	Brass

SIZE	DN	L	H	BS4504 PN10/16			C
				Φ1	Φ2	N*Φ	
DN40	Φ40	165	285	Φ150	Φ110	4-Φ18	17
DN50	Φ50	178	300	Φ165	Φ125	4-Φ18	18
DN65	Φ65	190	345	Φ185	Φ145	4-Φ18	18
DN80	Φ80	203	390	Φ200	Φ160	4/8-Φ18	18
DN100	Φ100	229	430	Φ220	Φ180	8-Φ18	19
DN125	Φ125	254	510	Φ250	Φ210	8-Φ18	19
DN150	Φ150	267	565	Φ285	Φ240	8-Φ22	19
DN200	Φ200	292	680	Φ340	Φ295	8/12-Φ22	22
DN250	Φ250	330	820	Φ395/Φ405	Φ350/Φ355	12-Φ23/Φ26	22
DN300	Φ300	356	930	Φ445/Φ460	Φ400/Φ410	12-Φ23/Φ26	26
DN350	Φ350	381	1020	Φ505/Φ520	Φ460/Φ470	16-Φ23/Φ26	30
DN400	Φ400	406	1100	Φ565/Φ580	Φ515/Φ525	16-Φ26/Φ30	30
DN500	Φ500	457	1250	Φ670/Φ715	Φ620/Φ650	20-Φ26/Φ33	32

Non-Rising Stem Resilient Seated Gate Valve With Changeable O-Ring (DIN3202-F4/F5)



TECHNICAL DATA

NOMINAL DIAMETER		DN40-DN500	mm
NOMINAL PRESSURE		1.6	
TESTING PRESSURE	SHELL TEST	2.4	Mpa
	SEALING TEST	1.76	

STANDARD MATERIALS OF MAIN PARTS

NO.	PART	MATERIAL
1	Body	Ductile Iron
2	Seat	EPDM
3	Shaft	Stainless Steel 420
4	Disc	Ductile Iron
5	Wedge Nut	Brass
6	Bonnet	Ductile Iron
7	O ring	EPDM
8	Thrust Washer	Brass
9	Sealing ring	EPDM
10	socket head screw	Carbon Steel
11	Oring	EPDM
12	Hand Wheel	Ductile Iron
13	Stem Nut	Brass

SIZE	DN	L		H	DIN PN10/16			C
		F4	F5		Φ1	Φ2	N*Φ	
DN40	Φ40	140	240	285	Φ150	Φ110	4-Φ18	17
DN50	Φ50	150	250	300	Φ165	Φ125	4-Φ18	18
DN65	Φ65	170	270	345	Φ185	Φ145	4-Φ18	18
DN80	Φ80	180	280	390	Φ200	Φ160	4/8-Φ18	18
DN100	Φ100	190	300	430	Φ220	Φ180	8-Φ18	19
DN125	Φ125	200	325	510	Φ250	Φ210	8-Φ18	19
DN150	Φ150	210	350	565	Φ285	Φ240	8-Φ22	19
DN200	Φ200	230	400	680	Φ340	Φ295	8/12-Φ22	22
DN250	Φ250	250	450	820	Φ395/Φ405	Φ350/Φ355	12-Φ23/Φ26	22
DN300	Φ300	270	500	930	Φ445/Φ460	Φ400/Φ410	12-Φ23/Φ26	26
DN350	Φ350	290	550	1020	Φ505/Φ520	Φ460/Φ470	16-Φ23/Φ26	30
DN400	Φ400	310	600	1100	Φ565/Φ580	Φ515/Φ525	16-Φ26/Φ30	30
DN500	Φ500	350	700	1250	Φ670/Φ715	Φ620/Φ650	20-Φ26/Φ33	32



- Inside Screw
- Bolt Bonnet
- Non-Rising Stem
- Rubber Encapsulated Wedge
- Low-Torque Operation
- Flanged Ends

BASIC DESIGN STANDARDS	
BASIC DESIGN	DIN3352
FACE TO FACE	DIN3202-F4/F5
FLANGES	DIN2533 PN16
TESTING	DIN3230

