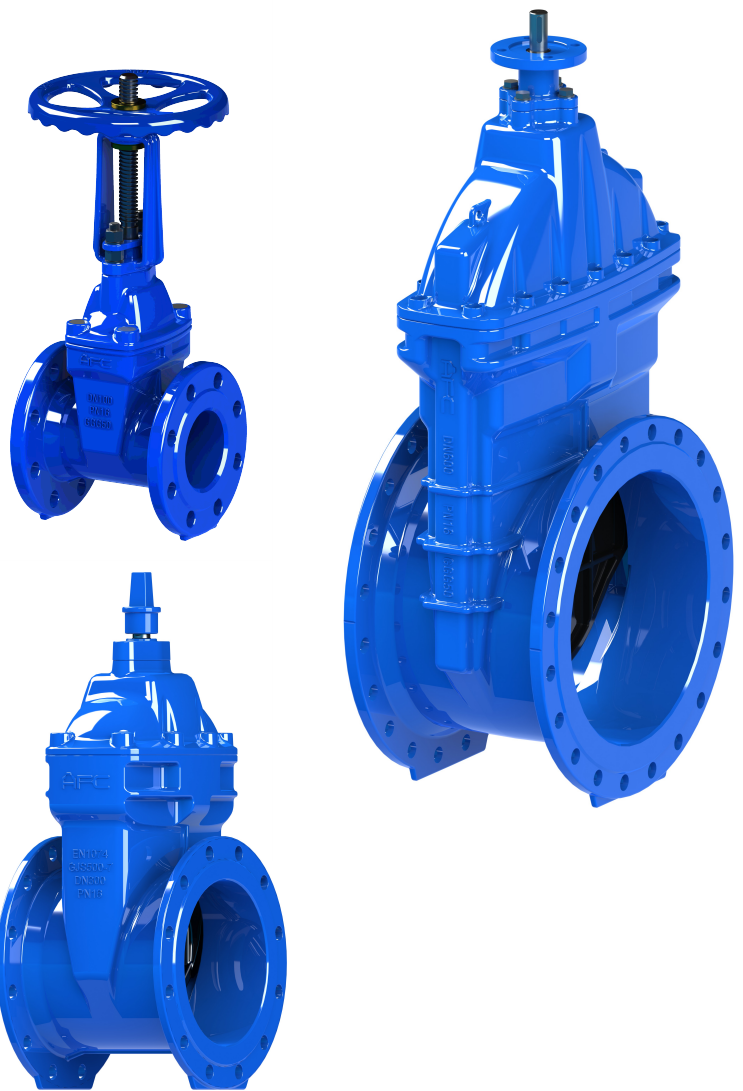


Resilient Seated Gate Valves

GV-Resilient seated gate valve is a soft seal disc which is fully encapsulated with rubber. The valve is designed with new technology for light operating, no clogging and no corrosion, good resilient memory & long service life. It can be used extensively in all kinds of water supply & sewage, fire-fighting and function as a shut-off or regulating valve.

Features:

- Newly advanced design, less operation torque & abrasion resistance.
- Body & Cover are made of high grade Ductile Iron.
- Disc is designed with an abrasion resistant nylon guide which can help less opening or closing torque and smooth during operation.
- Forged stem provide stronger stem operation and less moving parts.
- Disc is covered by high-grade rubber which complies with drinking water.
- High-tech rubber curing with precise geometry dimensions, more resilient & strong adhesive to ductile casting.
- The 3 O-ring stem seals are designed to prevent stem leakage. and provide replacement of the O-ring without disassembling of valve from mainline pipes.
- Both inside & outside are coated with epoxy resin powder.
- Manufacturing standard meets BS EN 1074, BS 5163, BS EN 1171.
- F/F (Face to Face) meets the following standard: BS EN558-1.



Field services:

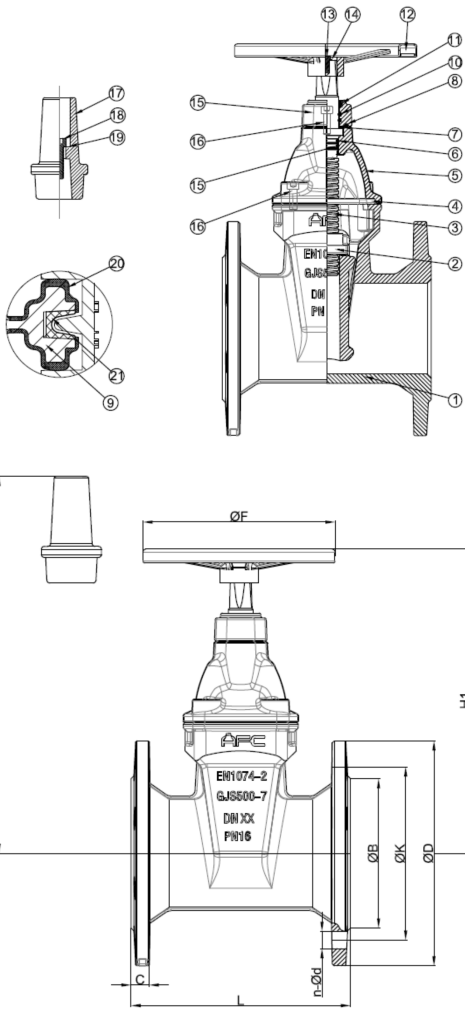
Water supply, sewage, fire fighting, irrigation, water circulation, heat, cooling system.

Technical Data:

Size Range: DN50~DN900mm
Pressure Rating: 1.0Mpa; 1.6Mpa
Working Temperature: -10°C- 80°C
Flow Media: Water, Sewage
End Connection: PN 10/ 16

Part List

Non-Rising Stem



No	Parts Names	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Wedge Nut	Forged Brass/Bronze	CZ122 / CA103
3	Stem	Stainless Steel	AISI 420 / AISI 431
4	Gasket	Rubber	EPDM
5	Bonnet	Ductile Iron	EN GJS 500-7
6	O-ring	Rubber	EPDM
7	Washer	Brass	CZ 122
8	O-ring	Rubber	EPDM
9	Wedge	Ductile Iron	EN GJS 500-7
10	O-ring	Rubber	EPDM
11	Dust Wiper	Rubber	NBR
12	Handwheel	CS	Commercial
13	Hex Bolt	CS	Commercial
14	Washer	CS	Commercial
15	Gland	Ductile Iron	EN GJS 500-7
16	In Hex Bolt	CS	Commercial
17	Cap	Ductile Iron	EN GJS 500-7
18	In Hex Bolt	CS	Commercial
19	Washer	CS	Commercial
20	Wedge Lining	Rubber	EPDM
21	Guide	Plastic	Nylon 66

Confirms to BS 5163; BS EN 1074; BS 1171.

Flanges comply with EN 1092-2

250 um powder epoxy coating thickness

Tests:

Hydraulic test to BS / EN

Seat :1.1 x PN Body: 1.5 x PN

Dimension:

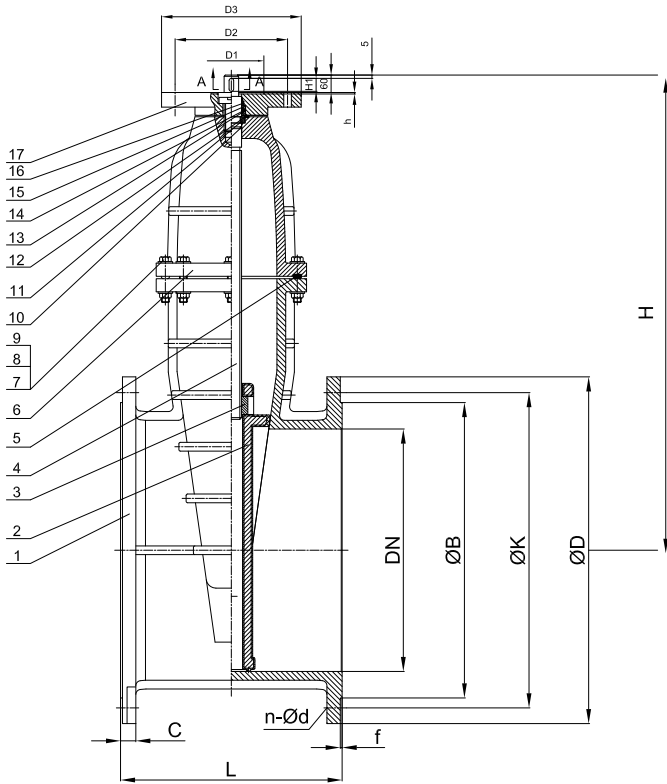
Unit: mm

DN	Model No	L			H1	H2	ØB	ØD		ØK		N- Ød		c	ØF
		BS	F4	F5				PN10	PN16	PN10	PN16	PN10	PN16		
50	GBCX-0050	178	150	250	240	255	99	165	125			4-Ø19	18	180	
65	GBCX-0065	190	170	270	258	280	118	185	145			4-Ø19	18	180	
80	GBCX-0080	203	180	280	293	311	132	200	160			8-Ø19	18	180	
100	GBCX-0100	229	190	300	326	340	156	220	180			8-Ø19	18	200	
125	GBCX-0125	254	200	325	377	386	184	250	210			8-Ø19	18	250	
150	GBCX-0150	267	210	350	414	430	211	285	240			8-Ø23	18	250	
200	GBCX-0200	292	230	400	510	550	266	340	295	8-Ø23	12-Ø23		18	300	
250	GBCX-0250	330	250	450	585	625	319	395	405	350	355	12-Ø23	12-Ø28	19	350
300	GBCX-0300	356	270	500	663	703	370	445	460	400	410	12-Ø23	12-Ø28	21	350
350	GBCX-0350	381	290	550	890	955	429	505	520	460	470	16-Ø23	16-Ø28	26.5	450
400	GBCX-0400	406	310	600	970	1040	480	565	580	515	525	16-Ø26	16-Ø31	28	450
450	GBCX-0450	432	330	650	1025	1105	520	615	640	565	585	20-Ø26	20-Ø31	30	450
500	GBCX-0500	457	350	700	1153	1235	609	670	715	620	650	20-Ø26	16-Ø34	31.5	450
600	GBCX-0600	508	390	800	1310	1395	720	780	840	725	770	20-Ø30	20-Ø37	36	450
700	GBCX-0700	610			1630			928	928	840	840	24-Ø31	24-Ø37	39.5	210

Bare-shaft

Part List

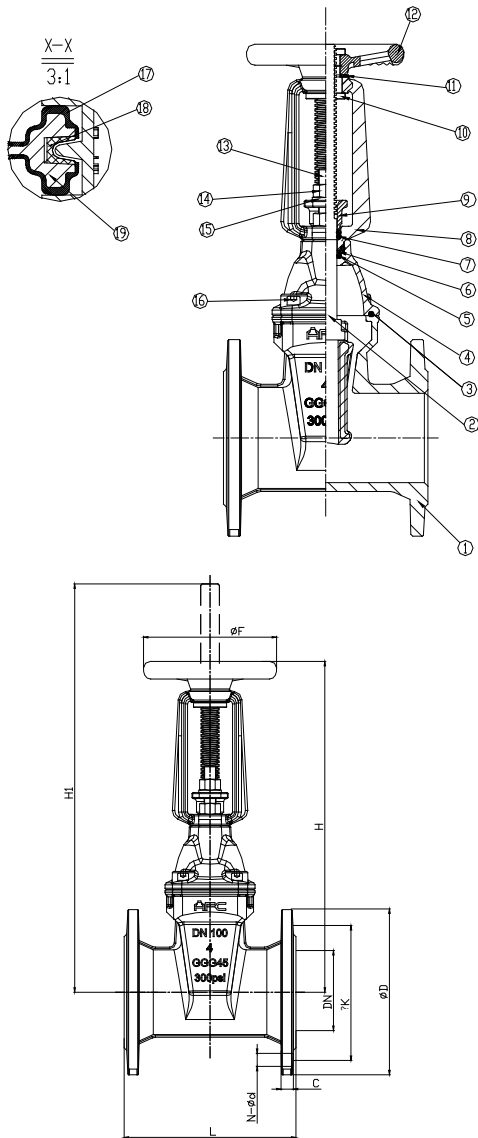
No	Parts Names	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Wedge	Ductile Iron+Rubber	EN GJS 500-7 + EPDM
3	Stem nut	Brass	CZ122
4	Stem	SS420	420 / AISI
5	Gasket	Rubber	EPDM
6	Bonnet	Ductile Iron	EN GJS 500-7
7	Bolt	Carbon Steel	Commercial
8	Washer	Carbon Steel	Commercial
9	Nut	Carbon Steel	Commercial
10	O-ring	Rubber	NBR
11	O-ring	Rubber	NBR
12	Mini-pad	TFL	Commercial
13	O-ring	Rubber	NBR
14	O-ring	Rubber	NBR
15	Seal Ring	Brass	CZ122
16	Dust Ring	Rubber	NBR
17	Gland	Ductile Iron	EN GJS 500-7



Dimension:

DN	Model No	L	H	ØD	ØK	C	ØB	N- Ød	Unit: mm
700	GBBX-0080	610	1340	910	840	39.5	794	24-Ø37	
800	GBBX-0100	660	1515	1025	950	43	901	24Ø40	
900	GBCX-0125	711	1875	1125	1050	46.5	1001	28-Ø40	

Rising Stem



Part List

No	Parts Names	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Stem	Stainless Steel	AISI 420 / AISI 431
3	Gasket	Rubber	NBR
4	Bonnet	Ductile Iron	EN GJS 500-7
5	O-ring	Rubber	NBR
6	Washer	Brass	CZ 122
7	O-ring	Rubber	NBR
8	Yoke	Ductile Iron	EN GJS 500-7
9	Plate	Ductile Iron	EN GJS 500-7
10	Thrust Nut	Forged Brass	CZ122
11	Washer	Forged Brass	CZ122
12	Handwheel	CS	Commercial
13	Thread Bar	CS	Commercial
14	Nut	CS Zinc Plated	Commercial
15	Washer	CS	Commercial
16	In Hex Bolt	CS	Commercial
17	Wedge Lining	Rubber	EPDM
18	Guide	Plastic	Nylon 66
19	Wedge	Ductile Iron	EN GJS 500-7

Tests:

Hydraulic test to BS / EN

Seat :1.1 x PN

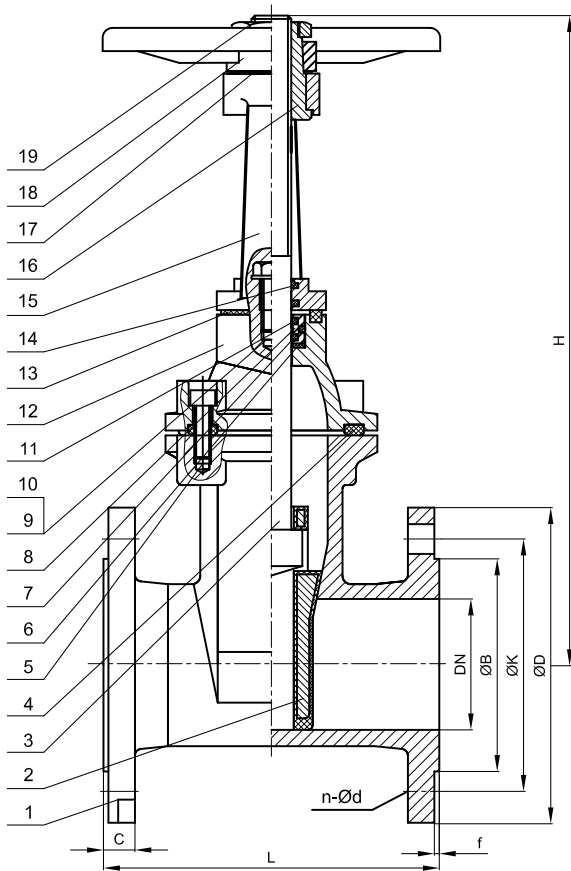
Body: 1.5 x PN

Dimension:

Unit: mm

DN	Model No	L			H	H1	ØD		ØK		n- Ød		c	ØF
		BS	F4	F5			PN10	PN16	PN10	PN16	PN10	PN16		
50	RBHX-0050	178	150	250	312	382	165	125	4-Ø19	18	200			
65	RBHX-0065	190	170	270	338	408	185	145	4-Ø19	18	200			
80	RBHX-0080	203	180	280	393	480	200	160	8-Ø19	18	250			
100	RBHX-0100	229	190	300	441	544	220	180	8-Ø19	18	250			
125	RBHX-0125	254	200	325	559	692	250	210	8-Ø19	18	280			
150	RBHX-0150	267	210	350	598	759	285	240	8-Ø23	18	280			
200	RBHX-0200	292	230	400	743	953	340	295	8-Ø23 12-Ø23	18	350			
250	RBHX-0250	330	250	450	880	1140	395	405 350 355	12-Ø23 12-Ø28	19	350			
300	RBHX-0300	356	270	500	1009	1319	445	460 400 410	12-Ø23 12-Ø28	21	350			

Rising Stem



Part List

No	Parts Names	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Wedge	Ductile Iron + Rubber	GJS500-7+EPDM
3	Stem	Stainless Steel	SS420
4	Gasket	Rubber	NBR
5	Bolt	Carbon Steel	Commercial
6	Washer	TFL	CZ 122
7	O-ring	Rubber	NBR
8	Seal Ring	Brass	CA104
9	Bolt	Carbon Steel	Commercial
10	Washer	Carbon Steel	Commercial
11	O-Ring	Rubber	NBR
12	Bonnet	Ductile Iron	GJS500-7
13	Washer	Carbon Steel	Commercial
14	Dust Ring	Rubber	NBR
15	Yoke	Ductile Iron	GJS500-7
16	Stem Nut	Brass	CA104
17	Washer	NYL	
18	Hand Wheel	Ductile Iron	GJS500-7
19	Locking Nut	Brass	CA104

Tests:

Hydraulic test to BS / EN

Seat :1.1 x PN

Body: 1.5 x PN

Dimension:

Unit: mm

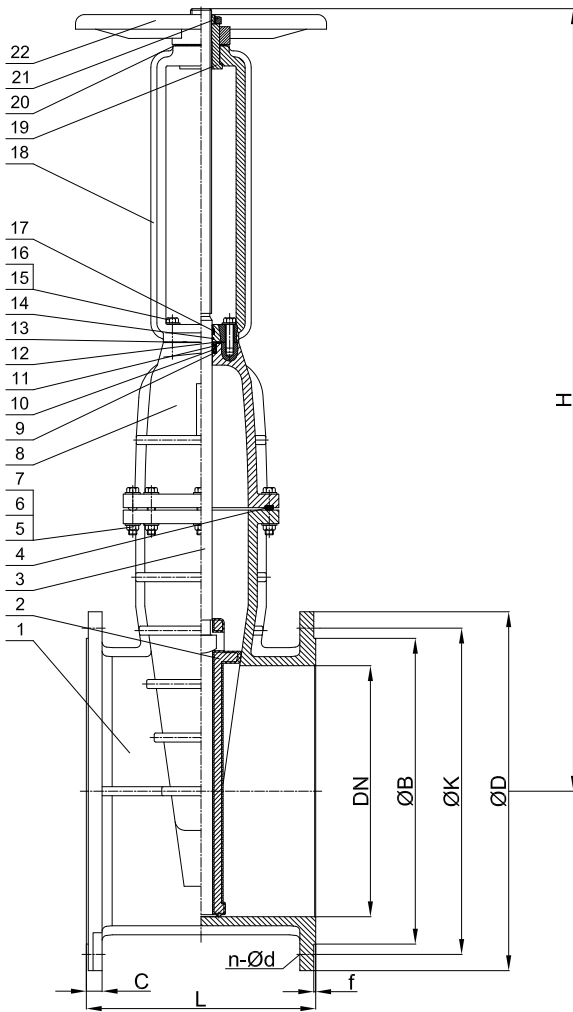
DN	Model No	L	H	ØB PN16	ØK PN16	n- Ød PN16	c
350	RBHX-0350	381	1169	429	470	16-Ø28	26.5
400	RBHX-0400	406	1297	480	525	16-Ø31	28
450	RBHX-0450	432	1434	548	585	20-Ø31	30
500	RBHX-0500	457	1564	609	650	20-Ø34	31.5
600	RBHX-0600	508	1836	720	770	20-Ø37	36

Part List

No	Parts Names	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Wedge	Ductile Iron + Rubber	GJS500-7+EPDM
3	Stem	Stainless Steel	SS420
4	Gasket	Rubber	EPDM
5	Bolt	Carbon Steel	Commercial
6	Washer	Carbon Steel	Commercial
7	Nut	Carbon Steel	Commercial
8	Bonnet	Ductile Iron	EN GJS 500-7
9	Gasket	TFL	Commercial
10	O-Ring	Rubber	EPDM
11	O-Ring	Rubber	EPDM
12	Locating Ring	Brass	HPb59-1
13	Gasket	TFL	Commercial
14	Dust Ring	EPDM	EPDM
15	Bolt	Carbon Steel	Commercial
16	Yoke	Ductile Iron	EN GJS 500-7
17	Stem Nut	Brass	HPb59-1
18	Locking Nut	Brass	HPb59-1
19	Washer	TFL	Commercial
20	HandWheel	Ductile Iron	EN GJS 500-7

Seat : 1.1 x PN Body: 1.5 x PN Tests: Hydraulic test to BS / EN

Rising Stem



Dimension:

Unit: mm

DN	Model No	L	H	ØB PN16	ØK PN16	n- Ød PN16	c
700	RBHX-0700	610	2000	794	840	24-Ø37	39.5
800	RBHX-0800	660	2170	901	950	24-Ø40	43
900	RBHX-0900	711	2340	1001	1050	28-Ø40	46.5

Ordering Code

GB H X - 0200 -16 - XXX

Model:

G4: Non-Rising Stem Gate Valve F4 Type
 G5: Non-Rising Stem Gate Valve F5 Type
 GA: Non-Rising Stem Gate Valve AWWA Type
 GB: Non-Rising Stem Gate Valve BS Type
 R4: Rising-Stem Gate Valve F4 Type
 R5: Rising-Stem Gate Valve F5 Type
 RA: Rising-Stem Gate Valve AWWA Type
 RB: Rising-Stem Gate Valve BS Type

Operator:

H: Handwheel
 C: Cap
 B: Bare
 E: Electrical/Bare
 I: With Mechanical Indicator For Non-Rising Stem Type, W/HW
 S: With Mechanical Indicator And Wiring Signal For Non-Rising Stem Type

Bonnet Type:

X: A Type With Gland.
 T: T Type W/o Gland.

Trim Code:

Please consult factory
 For Different colour and other materials.

End Connection:

10: PN10
 16: PN16
 1K: JIS 10K
 A1: ANSI 125 F/F
 A5: ANSI 150 R/F

Valve Size:

0080: 80 mm
 0200: 200 mm