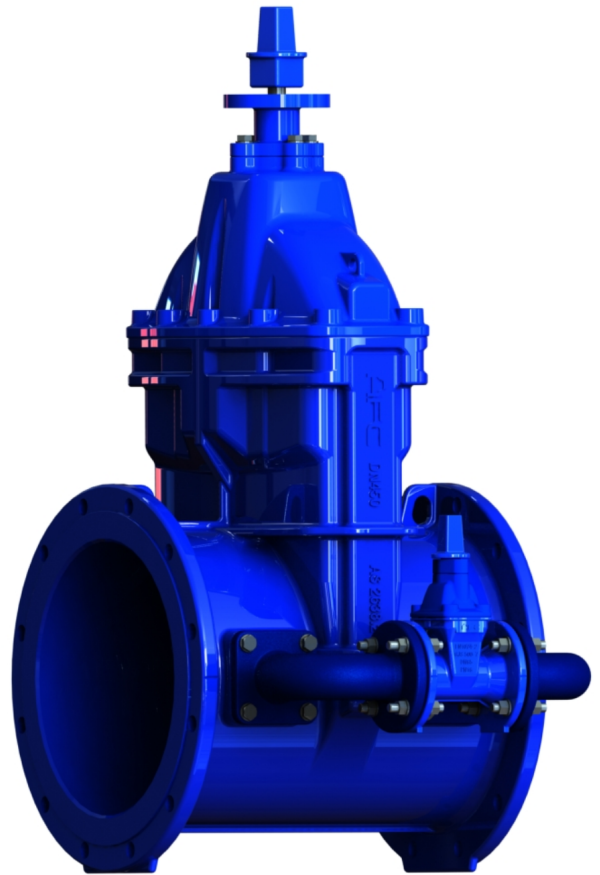


Resilient Seated Gate Valves With By-pass valve

GV-Resilient seated gate valve with Bypass GV 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.



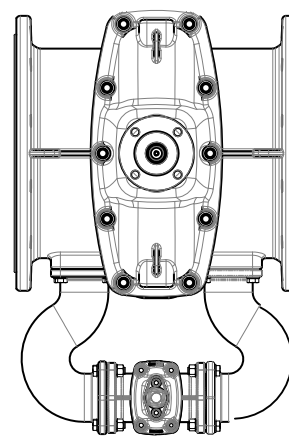
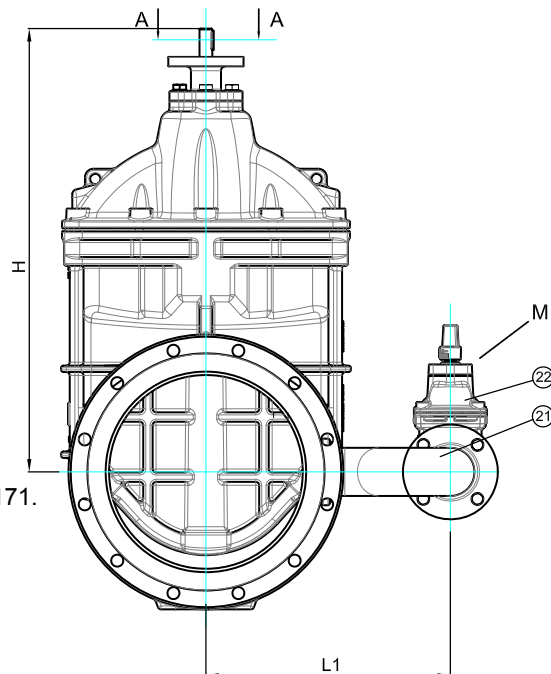
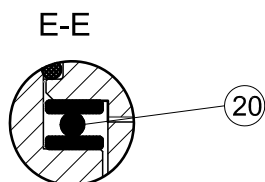
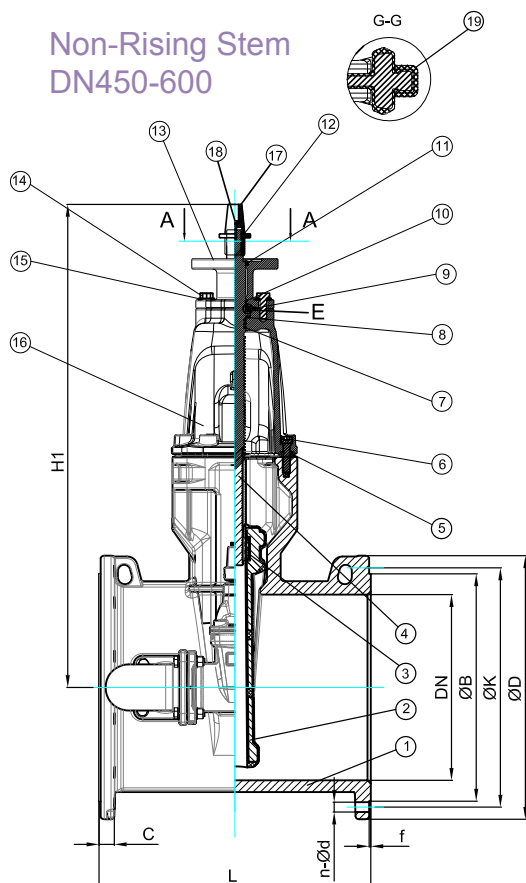
Field services:

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

Technical Data:

Size Range: DN450~DN1200mm
Pressure Rating: 1.0Mpa; 1.6Mpa
Working Temperature: -10°C- 80°C
Flow Media: Water, Sewage
End Connection: PN 10/ 16

Non-Rising Stem DN450-600



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

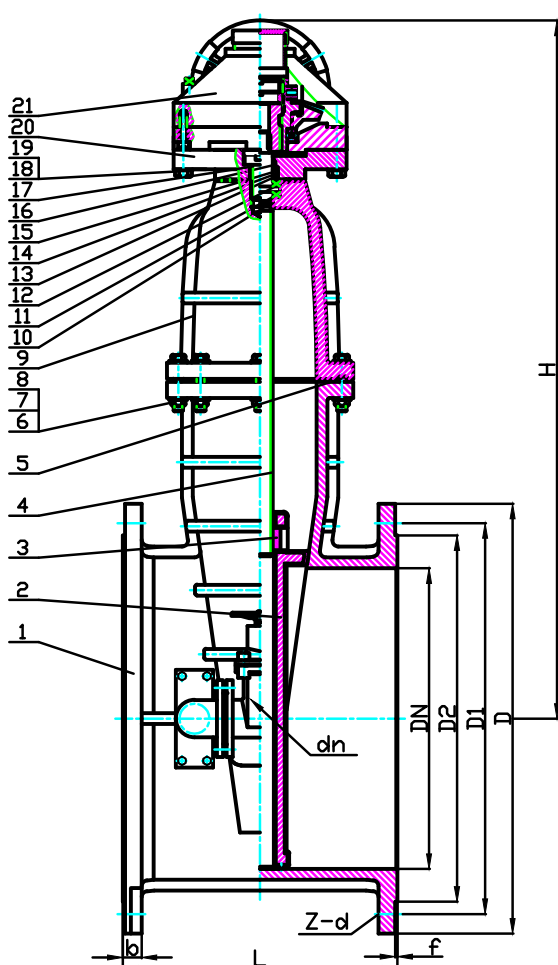
DN	Model No	L	L1	H	H1	ØB	ØD	ØK	N-Ød	C	f	M(DN)
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450	GBCB-0450-BP	432	569	1032	1110	548	640	585	20-Ø31	40	4	50
500	GBCB-0500-BP	457	600	1150	1230	609	715	650	20-Ø34	42	4	50
600	GBCB-0600-BP	508	860	1290	1370	720	840	700	20-Ø37	48	5	50

Part List

No	Parts Names	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Wedge	DI+Rubber	EN GJS 500-7+EPDM
3	Wedge Nut	Bronze	C61900
4	Stem	Stainless Steel	AISI 420
5	Gasket	Rubber	EPDM
6	In Hex Bolt	Carbon Steel	Commercial
7	O-ring	Rubber	NBR
8	Washer	Brass	CZ122
9	O-ring	Rubber	NBR
10	O-ring	Rubber	NBR
11	Dust Wiper	Rubber	NBR
12	Key	CS	Commercial
13	Gland	Ductile Iron	EN GJS 500-7
14	Hex Bolt	CS	Commercial
15	Washer	CS	Commercial
16	Bonnet	Ductile Iron	EN GJS 500-7
17	Cap	Ductile Iron	EN GJS 500-7
18	In Hex Bolt	Stainless Steel	AISI304
19	Guide	Plastic	Nylon 66
20	Bearing	Roller Bearing	Commercial
21	Tube	Ductile Iron	EN GJS 500-7
22	Bypass GV	Ductile Iron	EN GJS 500-7

Non-Rising Stem DN700-1200



Part List

No	Parts Names	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Wedge	DI+Rubber	EN GJS 500-7+EPDM
3	Wedge Nut	Brass	CZ122
4	Stem	Stainless Steel	AISI 420
5	Gasket	Rubber	EPDM
6	In Hex Bolt	Stainless Steel	AISI 304
7	Washer	Stainless Steel	AISI 304
8	Nut	Stainless Steel	AISI 304
9	Bonnet	Ductile Iron	EN GJS 500-7
10	O-ring	Rubber	EPDM
11	Bearing	Component	CS
12	O-Ring	Rubber	EPDM
13	O-Ring	Rubber	EPDM
14	Seal Ring	Brass	CZ122
15	O-Ring	Rubber	EPDM
16	Dust Wiper	Rubber	EPDM
17	Gland bolt	Stainless Steel	AISI 304
18	Bolt	Stainless Steel	AISI 304
19	Washer	Stainless Steel	AISI 304
20	Gland	Ductile Iron	EN GJS 500-7
21	Bevel Gear	Component	

Dimension:

Unit: mm

DN	Model No	L	L1	H	D2	ØB	ØD	ØD1	Z-Ød	b	f	M(DN)
700	GBGB-0700-BP	610	569	1032	794	548	910	840	24-Ø37	39.5	5	50
800	GBGB-0800-BP	660	600	1150	901	609	1025	950	24-Ø41	43	5	80
900	GBGB-0900-BP	711	860	1290	1001	720	1125	1050	28-Ø41	46.5	5	80
1000	GBGB-1000-BP	811	569	1032	1112	548	1255	1170	28-Ø44	50	5	80
1200	GBGB-1200-BP	960	600	1150	1328	609	1485	1390	32-Ø50	57	5	80

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

Ordering Code

GB H X - 0200 - 16 - XXX

Model:

GB: Non-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

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

TEL: +603 5167 2818,
FAX: +603 5167 2817

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