

## Resilient Seated Gate Valves Operated by bevel gear.

**G**V-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. With bevel gear, user can operate the valve with less inout torque .

### 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.



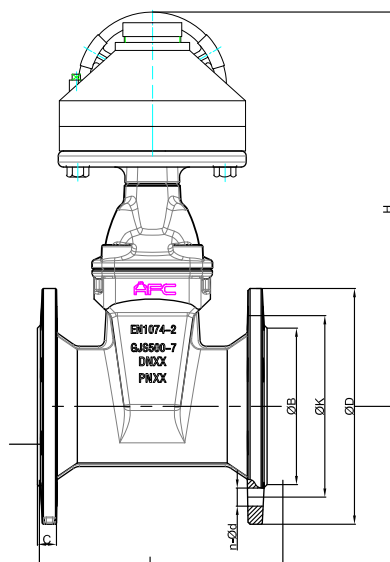
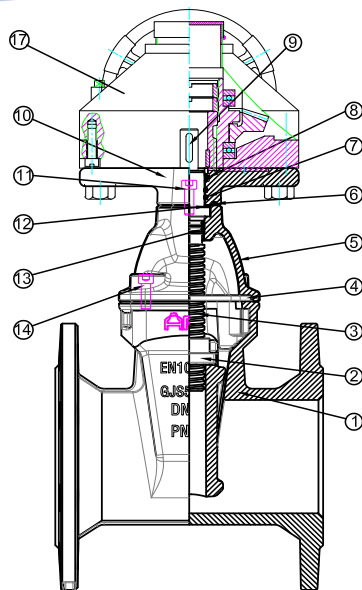
### Field services:

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

### Technical Data:

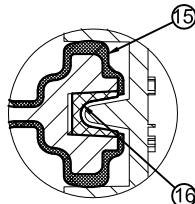
Size Range: DN50~DN400mm  
Pressure Rating: 1.0Mpa; 1.6Mpa  
Working Temperature:-10°C- 80°C  
Flow Media: Water, Sewage  
End Connection: PN 10/ 16

## Non-Rising Stem



## Part List

No	Parts Names	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Wedge Nut	Forged Bronze	C61900
3	Stem	Stainless Steel	AISI 420
4	Gasket	Rubber	EPDM
5	Bonnet	Ductile Iron	EN GJS 500-7
6	O-ring	Rubber	NBR
7	O-ring	Rubber	NBR
8	Dust Wiper	Rubber	EPDM
9	Key	CS	Commercial
10	Top flange	Ductile Iron	EN GJS 500-7
11	Hex Bolt	Stainless Steel	A2
12	Bushing	Brass	CZ122
13	O-ring	Rubber	NBR
14	Hex Bolt	Stainless Steel	A2
15	Wedge	Ductile Iron+Rubber	EN GJS 500-7+EPDM
16	Guide	Plastic	Nylon 6
17	Bevel Gear	Ductile Iron	EN GJS 500-7



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	BS	H	ØB	PN10	PN16	PN10	PN16	PN10	PN16	c
50	GBCX-0050	178	335	99	165	125	4-Ø19	18			
65	GBCX-0065	190	375	118	185	145	4-Ø19	18			
80	GBCX-0080	203	415	132	200	160	8-Ø19	18			
100	GBCX-0100	229	450	156	220	180	8-Ø19	18			
125	GBCX-0125	254	485	184	250	210	8-Ø19	18			
150	GBCX-0150	267	525	211	285	240	8-Ø23	18			
200	GBCX-0200	292	600	266	340	295	8-Ø23	12-Ø23	18		
250	GBCX-0250	330	665	319	395	405	350	355	12-Ø23	12-Ø28	19
300	GBCX-0300	356	745	370	445	460	400	410	12-Ø23	12-Ø28	21
350	GBCX-0350	381	975	429	505	520	460	470	16-Ø23	16-Ø28	26.5
400	GBCX-0400	406	1055	480	565	580	515	525	16-Ø26	16-Ø31	28

## Ordering Code

GB G 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:

G: Gear operated  
H: Handwheel  
C: Cap  
B: Bare  
E: Electrical

### 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