



## Abrasion Resistant Water Gate Valve , Ductile Iron Wedge Type Gate Valve

### Our Product Introduction

for more products please visit us on [watercontrol-valve.com](http://watercontrol-valve.com)

#### Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: WRAS, CE, ISO9001
- Model Number: GBCX, GBHX
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Plywood Cases
- Delivery Time: 15-60 Days
- Payment Terms: L/C, T/T
- Supply Ability: Based On Order



#### Product Specification

- Material: Ductile Iron GJS500-7
- Color: Blue RAL5010, Red EY3000
- Standard: EN1074-2
- Stem: SS420, SS431
- Nut: Brass, Bronze
- Operator: HW, Cap
- Highlight: resilient seated gate valve



#### More Images



## Product Description

### Resilient Seated NRS Gate Valve, Ductile iron, Fusion Bonded Epoxy Coated

**Our company** is specialist in design and production of high quality water valve, and has grown to become one of the leading manufacturers for fluid control valve. We design and manufacture a wide range of fluid valve,, such as float control valve, trunnion ball valve, water pressure reducing valve, rotary airlock valve, sanitary butterfly valve, hydraulic check valve,sewage air release valve, etc. Our constant technical innovation combined with stringent quality control systems has enabled us to deliver high performance and outstanding value in industrial applications.

Resilient seated gate valve is a soft seated wedge with fully encapsulated with rubber. The valve is designed by 3D software solidworks for light operating and weight. The FBE coating provides no corrosion for both interior and exterior. A good resilient memory & long service life by rubber wedge.

Newly advanced design, less operation torque & abrasion resistance.

#### Features:

- Body & bonnet are made of high grade ductile Iron GJS500-7
- Disc is designed with an abrasion resistant nylon guide which can help less opening or closing torque and smooth during operation.
  1. EPDM fully vulcanized
  2. WRAS approved
- Forged stem provide stronger stem operation and less moving parts.
  1. Stainless Steel 420 / Stainless Steel 431 / Stainless 304/ Stainless Steel 316 are available.
  2. Platform provide better strength
- Ductile Iron inside the wedge is covered by WRAS Approved EPDM which is suitable for drinking water.
- High-tech rubber curing with precise geometry dimensions, more resilient & strong adhesive to ductile casting.
- The 4 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 powder.
- Manufacturing standard meets BS EN 1074-1, EN1074-2, BS 5163, BS EN 1171.
- F/F (Face to Face) meets the following standard: BS EN558-1.
- Bolts are protected by silicon glue.

#### Quality System

IQC	Check call incoming parts
IPQC	Check the production process is qualified
FQC	All valves are pressure tested
OQC	Check the valve ourlook and packing

Size Range: DN50~DN600mm

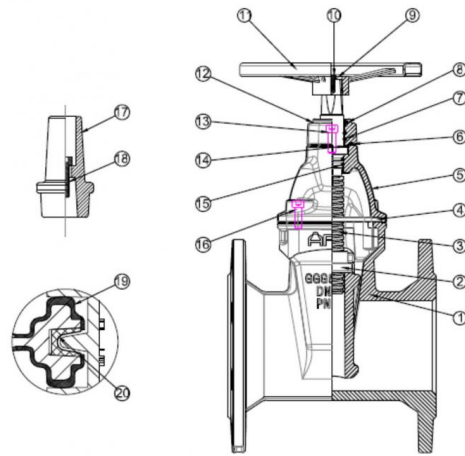
Pressure Rating: 1.0Mpa; 1.6Mpa; (2.5MPa Up to DN300)

Working Temperature:-10 - 80

Flow Media: Water, Sewage

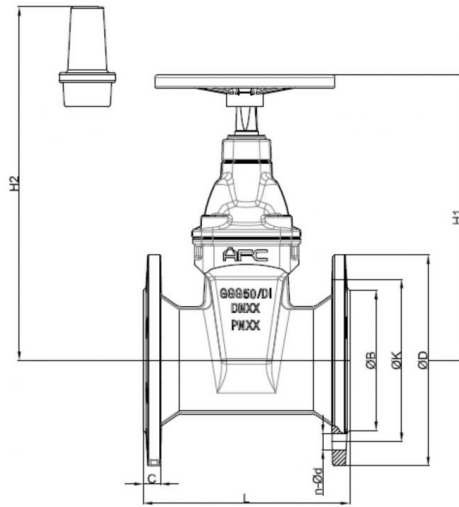
End Connection: PN 10/ 16, PN25 is available up to DN300

#### Material:



No.	Part Name	Material	Standard
1	Body	Ductile Iron	EN GJS 500-7
2	Wedge Nut	Bronze	CA103
3	Stem	Stainless Steel	AISI431
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	NBR
9	Washer	Stainless Steel	AISI304
10	Hex Bolt	Stainless Steel	AISI304
11	Hand Wheel	Carbon Steel	Commercial
12	Gland	Ductile Iron	EN GJS 500-7
13	In Hex Bolt	Carbon Steel	Commercial
14	Bushing	Brass	CZ122
15	O-ring	Rubber	NBR
16	In Hex Bolt	Carbon Steel	Commercial
17	Cap	Ductile Iron	EN GJS 500-7
18	In Hex Bolt	Carbon Steel	Commercial
19	Wedge	Ductile Iron+Vulcanized Rubber	EN GJS 500-7+EPDM
20	Guide	Plastic	Nylon 66

Dimension :



Dimension											
DN	L	H1	H2	ØB	ØD	ØK	N-Ød	C	ØF		
					PN10	PN16	PN10	PN16	PN10	PN16	
50	178	240	255	99	165	125	4-φ19	19	180		
65	190	258	280	118	185	145	4-φ19	19	180		
80	203	293	311	132	200	160	8-φ19	19	200		
100	229	326	340	156	220	180	8-φ19	19	200		
125	254	377	386	184	250	210	8-φ19	19	250		
150	267	414	430	211	265	240	8-φ23	19	250		
200	292	510	550	266	340	295	8-φ23 12-φ23	20	300		
250	330	585	628	319	395	405	12-φ23 12-φ28	22	350		
300	356	663	703	370	445	460	12-φ23 12-φ28	24,5	350		
350	381	680	730	429	505	520	16-φ23 16-φ28	24,5 26,5	450		
400	406	990	1040	480	565	580	16-φ28 16-φ31	24,5 28	450		

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



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