

**Resilient seated gate valve BS5163
flanged**

**PN10
PN16**

SEWAGE

WATER



Gate valve 2112 DN400

Product description (standard execution):

- Body bonnet and wedge made of ductile cast iron EN-GJS 400-15
- Full bore gate valve
- NBR/EPDM fully vulcanised wedge
- Wedge nut made of forged brass - replaceable
- Application of low friction sliding element
- Stainless steel spindle with rolled thread
- Low friction double spindle bearing acting both horizontal and vertical way
- O-ring spindle sealing packing cork protected against contact with medium
- Packing cork protected against dirt penetration
- Body bonnet Zinc coated screws protected by wax
- Epoxy coating minimum 250 microns according to EN 14091, GSK RAL certificate
- Product according to EN 1074-1, EN 1074-2, EN 1171
- Flange connection according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Face to face according to BS 5163-1
- Product marking according to EN 19; EN 1074

Application:

Water and sewage networks and tanks. Transport of non aggressive liquids.
Working conditions:
temp. up +70°C

Execution variant:

Ductile cast iron EN-GJS 500-7
SS body and bonnet screws
With ISO top flange for actuator
With electric or pneumatic actuator - see.: 2901, 2902, 2903, 2911
With inductive or electromechanical sensor
With opening indicator
Other material variants on request!

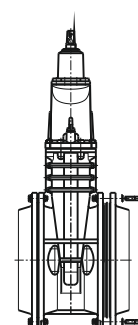
Test control:

Hydraulic test according to EN 1074-1; EN 1074-2; EN 12266-1
Seat: 1,1 xPN
Body: 1,5 x PN
Operation torque test.

Accessories:

Extension spindle - see: 9010, 9011
Pillar with handwheel - see: 9113
Pillar for electric actuator - see: 9114
Handwheel - see: 9301
Street box - see: 9501, 9503, 9504, 9509

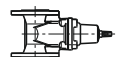
Installation:



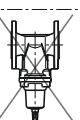
Recommended

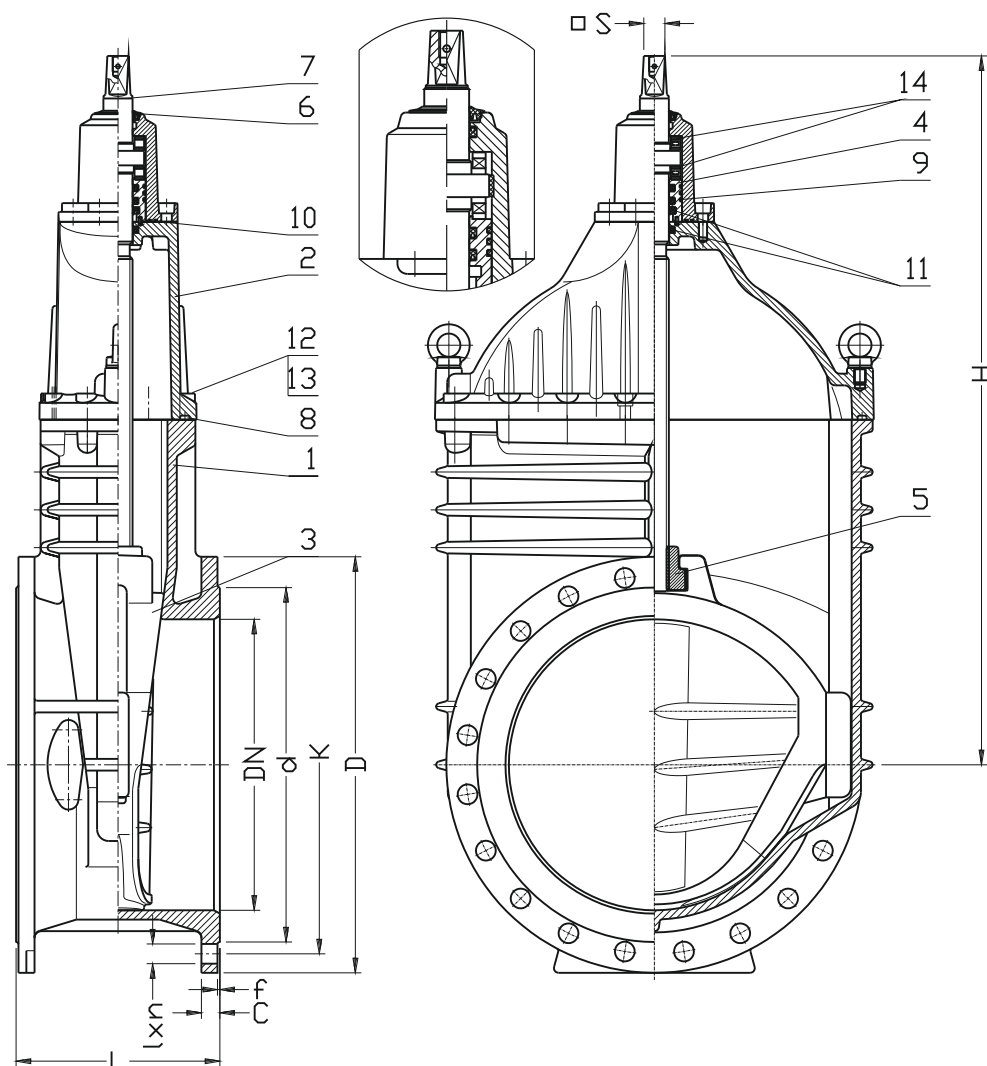


Acceptable



Not acceptable





No.	Part	Material	No.	Part	Material
1	Body	Ductile cast iron EN-GJS-400-15, EN-GJS-500-7 EN 1563	7	Spindle	Steel 1.4021 EN 10088-1
2	Bonnet	Ductile cast iron EN-GJS-400-15, EN-GJS 500-7 EN 1563	8	Body-bonnet gasket	Rubber NBR, EPDM ISO 1629
3	Wedge + slider	Ductile cast iron EN-GJS-400-15, EN-GJS 500-7 EN 1563 Rubber NBR, EPDM: ISO 1629 POM EN ISO 1874-1	9,10, 11	O-Ring	Rubber NBR, EPDM ISO 1629
4	Sealing sleeve	Brass EN 1982	12	Screw	Steel Fe/Zn5, stainless steel EN ISO 4762
5	Spindle nut	Brass EN 1982	13	Screw stopper	Wax
6	Cleaning gasket	Rubber NBR, EPDM ISO 1629	14	Bearing	Catalogue producer

DN	L	H	d PN16 (PN10)	D PN16 (PN10)	K PN16 (PN10)	I PN16 (PN10)	C	f	n PN16 (PN10)	S	Turn for full open	Weight
[mm]										[mm]		[kg]
400	406	1020	480	580	525 (515)	31 (28)	28	4	16	32	58	320
500	457	1220	609 (582)	715 (670)	650 (620)	34 (28)	32	4	20	36	63	490
600	508	1390	720 (682)	840 (780)	770 (725)	37 (31)	36	5	20	36	77	685

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