

## Resilient seated gate valve flanged

PN10  
PN16

SEWAGE

WATER



Gate valve 2002 DN400



Gate valve 2111 DN500

### 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
- Application of low friction sliding element
- Wedge nut made of forged brass - replaceable
- 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 14901, 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 EN 558-A1 F5 (DIN 3202) – catalogue number 2002
- Face to face according to EN 558-A1 F4 (DIN 3202) – catalogue number 2111
- 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  
 pressure up to 1,6 MPa

### 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.

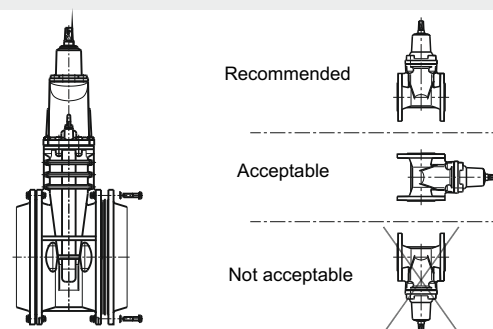
### Accessories:

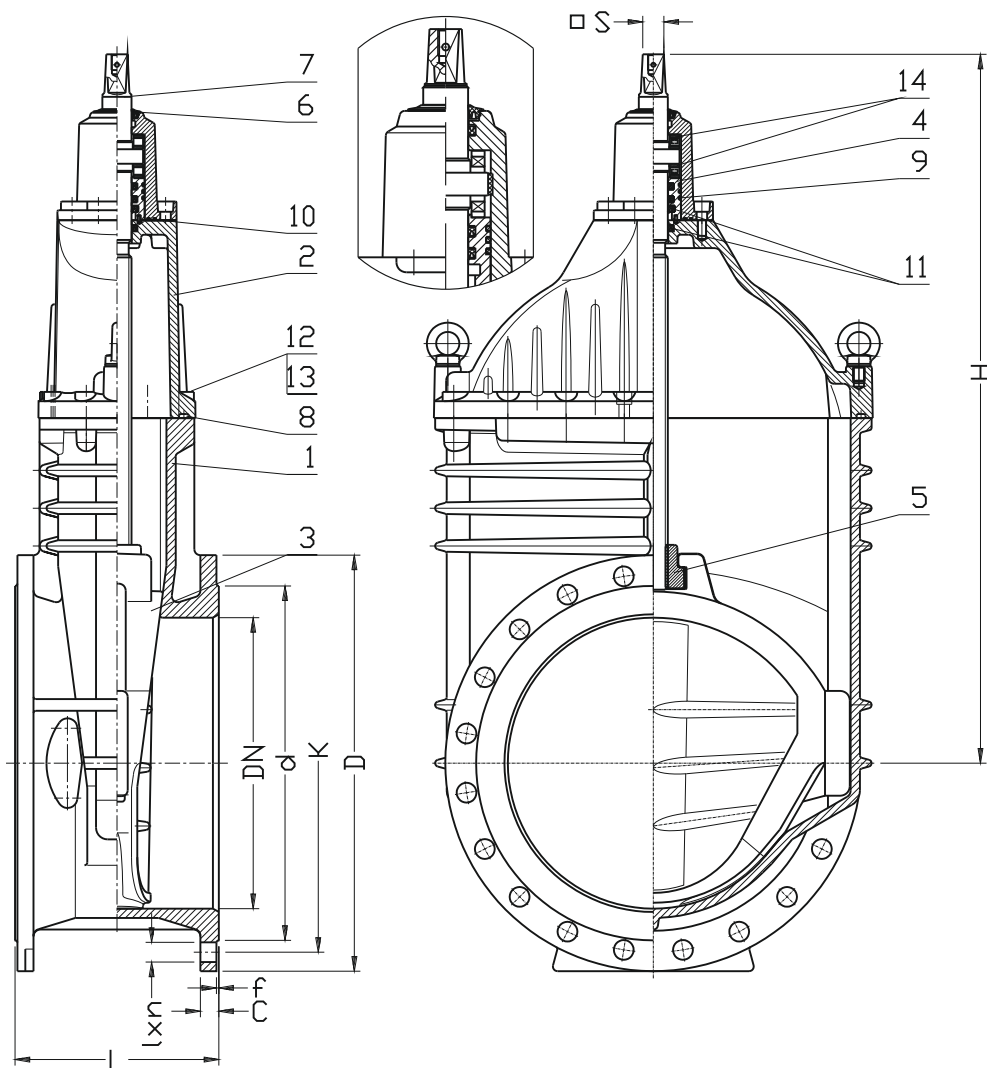
Extension spindle - see: 9010, 9011  
 Pillar with handwheel - see: 9113  
 Pillar for electric actuator - see: 9114  
 Handwheel - see: 9301  
 Street box - see: 9501, 9503, 9504, 9509

### 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!

### Installation:





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	2111 L	2002 L	H	d PN16 (PN10)	D PN16 (PN10)	K PN16 (PN10)	I PN16 (PN10)	C	f	n PN16 (PN10)	Turns for full open	S	Weight	Weight
[mm]												[mm]	2111 [kg]	2002 [kg]
400	310	600	1020	480	580	525 (515)	31 (28)	28	4	16	58	32	298	345
450	330	-	1090	548 (530)	640	585 (565)	31 (28)	30	4	20	65	32	350	-
500	350	700	1220	609 (582)	715 (670)	650 (620)	34 (28)	32	4	20	63	36	458	540
600	390	800	1390	720 (682)	840 (780)	770 (725)	37 (31)	36	5	20	77	36	640	776
600*	430	900	1390	794	910 (895)	840	37 (31)	36	5	24	77	36	670	-

\*Flange connection EN 1092-2 for DN700 - valve diameter DN600

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development.