

Resilient seated gate valve flanged

PN10
PN16

SEWAGE

WATER



Gate valve 2111 DN80



Gate valve 2002 DN80



Packing cork protected against unscrewing and fully covered by additional cleaning gasket

Horizontal and vertical double spindle bearing



Replaceable wedge nut



Application of low friction sliding element



Product description (standard execution):

- Body bonnet and wedge made of ductile cast iron EN-GJS 400-15
- Full bore gate valve
- EPDM/NBR 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
- Under pressure replaceable packing cork
- Forged packing cork protected against unscrewing
- 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

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!

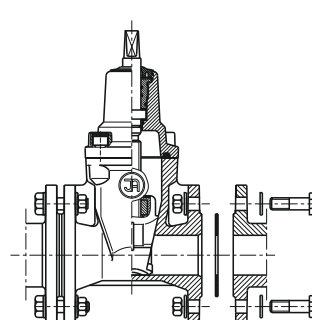
Test control:

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.

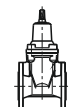
Accessories:

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

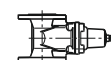
Installation:



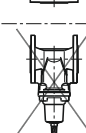
Recommended

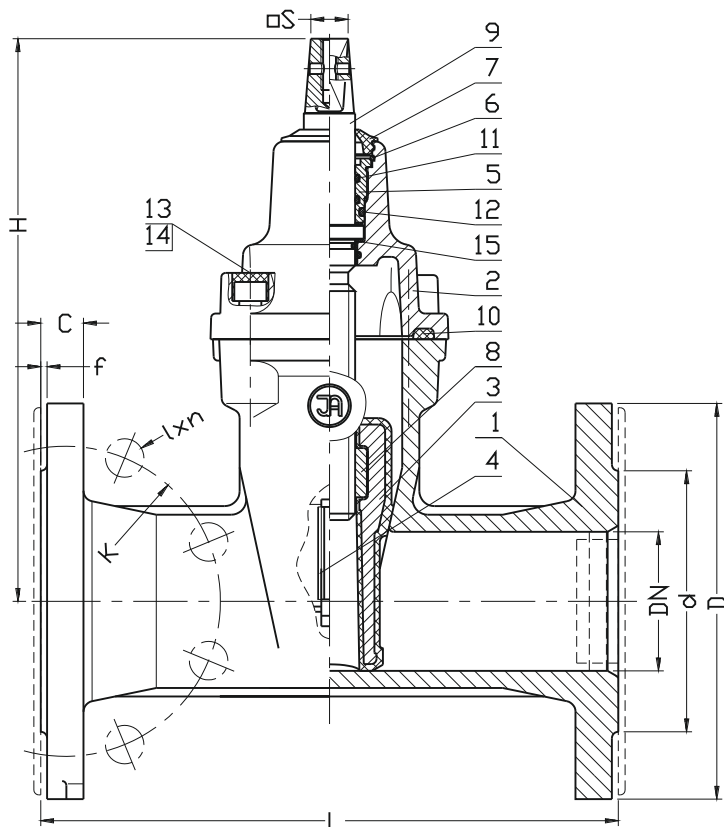


Acceptable



Not acceptable





No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*) EN 1560
2	Bonnet	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*) EN 1560
3	Wedge	Brass CW617N (DN32) Ductile cast iron (DN40-DN350) EN-GJS 400-15, EN-GJS 500-7(*) Rubber EPDM, NBR(*) EN 1412, EN 1560, EN-ISO 1629
4	Wedge slider	Poliacetal POM-C EN ISO 29988-1
5	Packing cork	Brass CW617N EN 1412
6	Protection ring	Steel 1.4310 EN 10027-2
7	Cleaning gasket	Rubber EPDM, NBR(*), Oripplast(*) EN ISO 1629
8	Spindle nut	Brass CW617N EN 1412
9	Spindle	Steel 1.4021, 1.4462(*) EN 10027-2
10	Body-bonnet gasket	Rubber EPDM, NBR(*) EN ISO 1629
11	O-ring	Rubber EPDM, NBR(*) EN ISO 1629
12	O-ring	Rubber EPDM, NBR(*) EN ISO 1629
13	Screw	Steel Fe/Zn5, Stainless steel A2(*) EN ISO 4762
14	Screw stopper	Wax
15	Washer	Poliacetal POM-C EN ISO 29988-1

(*) - other material variants on special request

DN	2111 L	2002 L	H	D	K	d	C	I	n	f	S	Turns for full open	Weight	
													2111	2002
PN16(PN10)														
[mm]										-	[mm]	-	[kg]	
32	130	-	145	140	100	76	18	19	4	3	12	9	5	-
40	140	240	220	150	110	84	19	19	4	3	14	11	9	10
50	150	250	230	165	125	99	19	19	4	3	14	13,5	10	11
65	170	270	265	185	145	118	19	19	4	3	17	14	14	16
80	180	280	290	200	160	132	19	19	8	3	17	17	15	17
100	190	300	325	220	180	156	19	19	8	3	19	21	21	23
125	200	325	365	250	210	184	19	19	8	3	19	26	31	39
150	210	350	457	285	240	211	19	23	8	3	19	31	41	48
200	230	400	534	340	295	266	20	23	12(8)	3	24	34,5	62	77
250	250	450	633	405	355(350)	319	22	28(23)	12	3	27	42,5	94	106
300	270	500	708	460	410(400)	370	25	28(23)	12	4	27	51	122	148
350	290	550	790	520	470(460)	429	27	28(23)	16	4	27	60	216	254