

**Resilient seated gate valve with bypass
flanged DN700-DN1200**

**PN10
PN16**

SEWAGE

WATER



Gate valve 2111 DN800

Product description (standard execution):

- Open and close bypass pressure regulation
- 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

Execution variant:

Ductile cast iron EN-GJS 500-7
With electric actuator

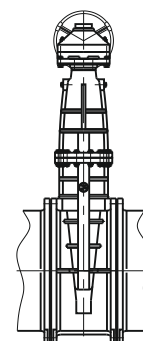
Installation:

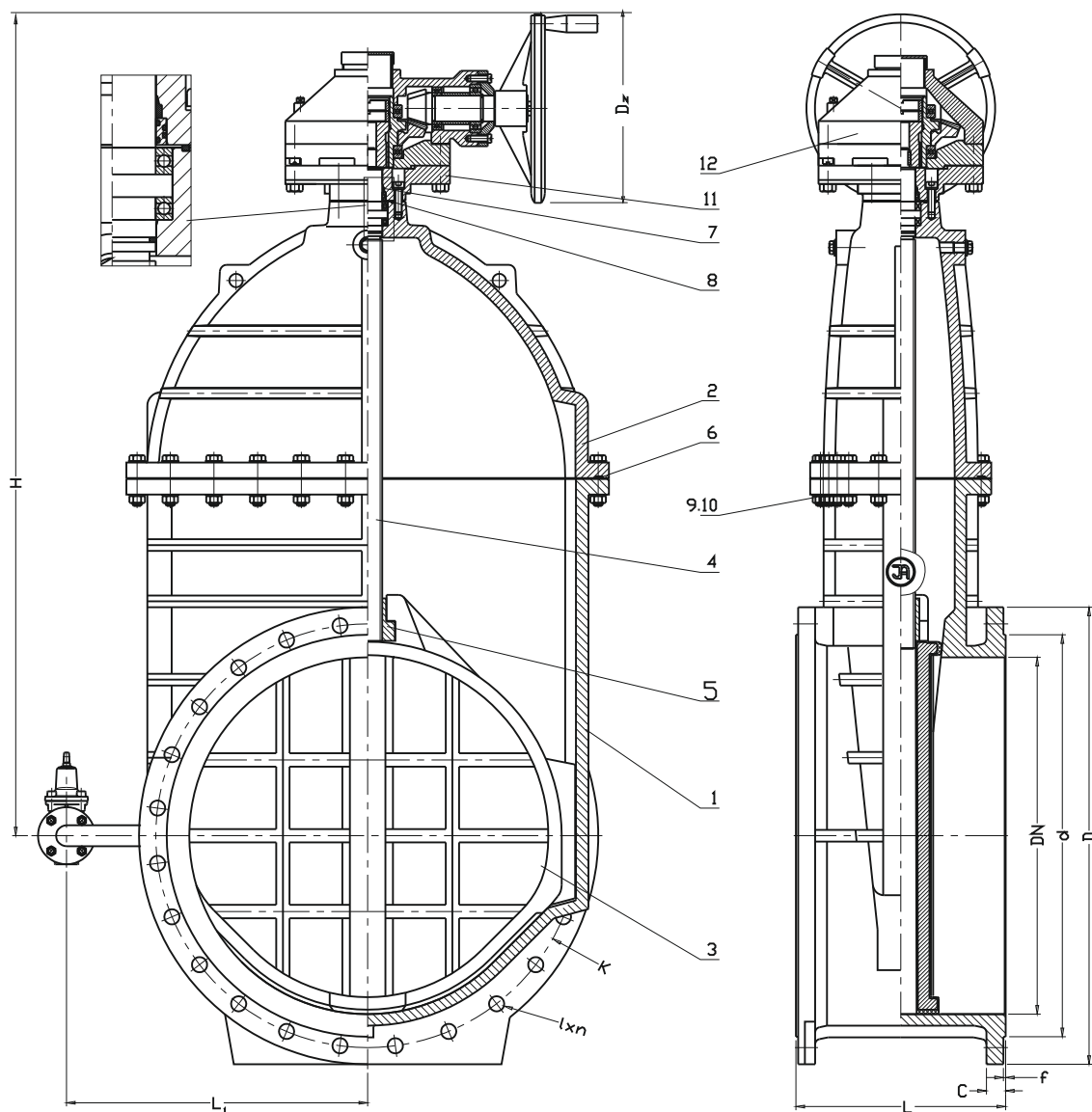
Test control:

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
Pillar with handwheel - see: 9113
Pillar for electric actuator - see: 9114
Street box - see: 9501, 9503, 9504, 9509





No.	Part	Material	No.	Part	Material
1	Body	Ductile cast iron EN-GJS-400-15, EN-GJS-500-7 EN 1563	7, 8	O-ring	Rubber NBR, EPDM ISO 1629
2	Bonnet	Ductile cast iron EN-GJS-400-15, EN-GJS 500-7 EN 1563	9	Screw	Stainless steel A2 EN ISO 4017
3	Wedge	Ductile cast iron EN-GJS-400-15, EN-GJS 500-7 EN 1563 Rubber NBR, EPDM ISO 1629	10	Screw stopper	Stainless steel A4 EN ISO 4032
4	Spindle	Steel 1.4021 EN 10088-1	11	Washer	Stainless steel A2 EN ISO 7091
5	Spindle nut	Brass CW617N EN 12165	12	Drive connector	Ductile cast iron EN-GJS-400-15, EN-GJS-500-7 EN 1563
6	Cleaning gasket	Rubber NBR, EPDM ISO 1629		Gear box	Catalogue producer

DN	2111 L	2002 L	L1	H	d PN16	D PN16 (PN10)	K PN16 (PN10)	I PN16 (PN10)	n PN16 (PN10)	C	f	Turn for full open	Dz	By- pass	Weight 2111 2002
[mm]												-	[mm]		[kg]
700	430	900	608	1687	794	910 (895)	840	37 (31)	24	40	5	52	520	40	940 1060
800	470	1000	636	1855	901	1025 (1015)	950	40 (34)	24	43	5	52	520	50	1260 1420
900	510	1100	833	2018	1001	1125 (1115)	1050	40 (34)	28	47	5	58	520	80	1660 2100
1000	550	1200	999	2334	1112	1255 (1230)	1170 (1160)	43 (37)	28	50	5	65	600	80	3120 3700
1200	630	1400	1103	2757	1328	1485 (1455)	1390 (1380)	49 (41)	32	57	5	78	600	100	4650 5050

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