

Resilient seated gate valve flanged

PN10
PN16

WATER

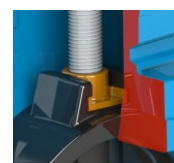


Gate valve 2111 DN100



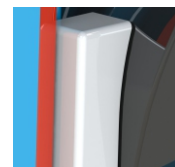
Threadless packing cork, the cover is 100% powder coated. The stopper made of POM plastic prevents slipping out and is fully covered with an additional seal

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
- Threadless packing cork made of pressed brass protected against slipping out
- Stem sealing with 4 o-rings, additional bottom sealing with 2 o-rings
- Full bore gate valve
- NBR fully vulcanised wedge
- Guiding the wedge in the body by using low-friction sliding elements made of POM plastic
- Wedge nut made of forged brass - replaceable
- Stainless steel spindle with rolled thread
- Bearing spindle with low friction bushing with POM materials
- The cleaning gasket protects packing cork of the stem seal against penetration from outside
- O-ring spindle sealing packing cork protected against contact with medium
- Under pressure replaceable packing cork
- Forged packing cork protected against unscrewing
- 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
- Flange connection according to EN 1092-2 (DIN 2501) pressure PN10, PN16
- Face to face according to EN 558-A1 F4 (DIN 3202)
- 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

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.

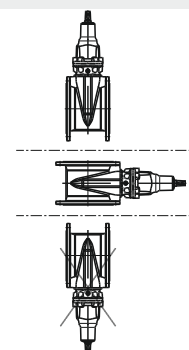
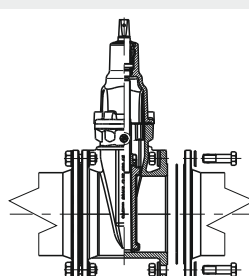
Accessories:

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
Wedge and wedge nut fully vulcanized
Body-bonnet screws stainless steel
Spindle made of stainless steel 1.4301 or duplex steel 1.4462
With position indicator with inductive sensors

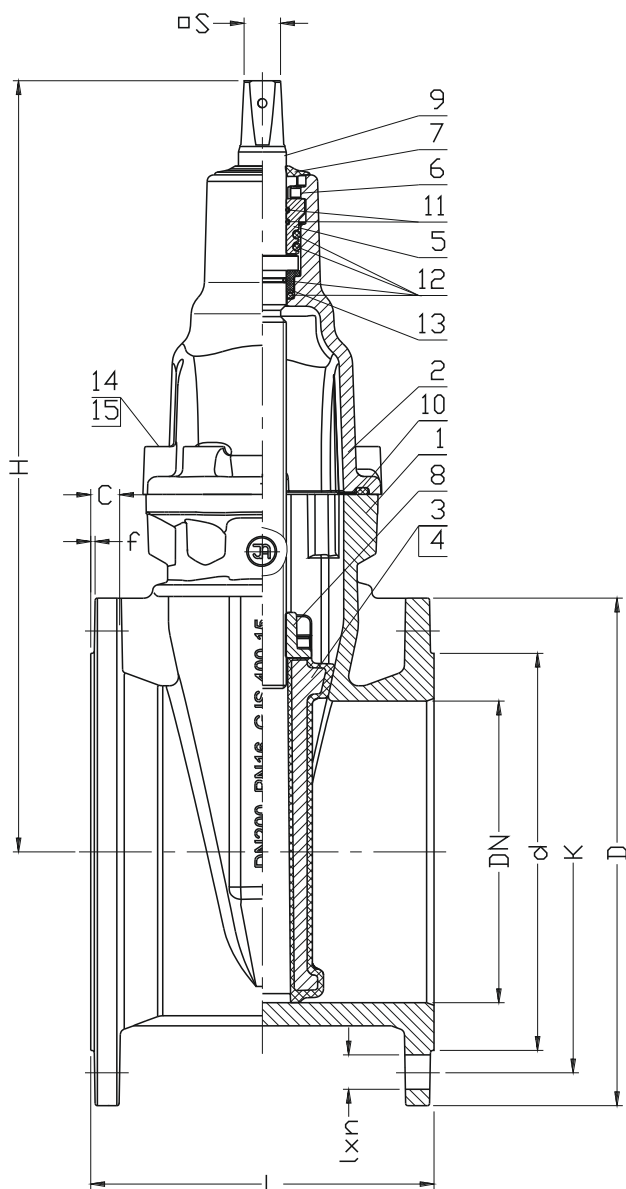
Installation:



Recommended

Acceptable

Non acceptable



No.	Part	Material
1	Body	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*) EN 1563
2	Bonnet	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*) EN 1563
3	Wedge	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*) EN 1563 Rubber EPDM ISO 1629
4	Slider	POM EN ISO 1874-1
5	Packing cork	Brass CW617N EN ISO 12165
6	Stopper	POM EN ISO 1874-1
7	Cleaning gasket	Rubber EPDM ISO 1629
8	Spindle nut	Brass CW617N EN ISO 12165
9	Spindle	Steel 1.4021 EN 10088-1
10	Body-bonnet gasket	Rubber EPDM ISO 1629
11 12	O-Ring	Rubber EPDM ISO 1629
13	Centering sleeve	POM EN ISO 1874-1
14	Screw	Steel Fe/Zn5, Stainless steel (*) EN ISO 4762
15	Screw plug	Paraffin
(*) - other material variants on special request		

DN	L 2111	L 2002	H	d PN16 (PN10)	D PN16 (PN10)	K PN16 (PN10)	I PN16 (PN10)	C	f	n PN16 (PN10)	Turn for open full	S	Weihgt	
													2111	2002
	[mm]										-	[mm]	[kg]	
50	150	250	212	99	165	125	19	19	3	4	13,5	14	8,5	9,5
65	170	270	252	118	185	145	19	19	3	4	17,5	17	11,5	12,5
80	180	280	272	132	200	160	19	19	3	8	21	17	14,5	15,5
100	190	300	312	156	220	180	19	19	3	8	21	19	17,5	19,5
125	200	325	352	184	250	220	19	19	3	8	26	19	26	28,5
150	210	350	392	211	285	240	23	19	3	8	31	19	35,5	39,5
200	230	400	517	266	340	295	23	20	3	12 (8)	34,5	24	53	63,5
250(**)	250	450	604	319	405	355 (350)	28 (23)	22	3	12	-	27	-	-
300(**)	270	500	670	370	460	410 (400)	28 (23)	25	4	12	-	27	-	-

(**) on request

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