

Metal seated gate valve
 flanged DN700-DN1000

PN10
PN16
INDUSTRY


Gate valve 2110 DN800



Gate valve 2910 DN800

Product description (standard execution):

- Body bonnet and wedge made of ductile cast iron EN-GJS 400-15
- Body and wedge face seal rings made of stainless steel
- Wedge nut made of forged brass - replaceable
- Under pressure replaceable packing cork
- 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 medium
- Forged packing cork protected against unscrewing
- Packing cork protected against dirt penetration
- Body bonnet Zinc coated screws protected by wax
- Polyvinyl coating minimum 100 microns according to EN 14901
- Product according to EN 1171
- Flange connection according to EN 1092-2 (DIN 2501) pressure PN10; PN16
- Face to face according to EN 558-A1 row 14 F4 (DIN 3202)
- Product marking according to EN 19; EN 1171

Application:

Industrial water, water and air networks and tanks; heating installations and other inert liquids.

Working conditions:

temp. up +120°C

pressure up to 1,6 MPa

Test control:

Water pressure test according to EN 1074; EN 1074-2;
 EN 12266-1

Seat: 1,1 x PN

Body: 1,5 x PN

Operation torque test

Execution variant:

Ductile cast iron EN-GJS 500-7

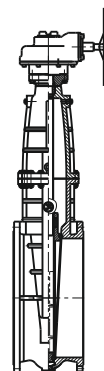
With SS body bonnet screws

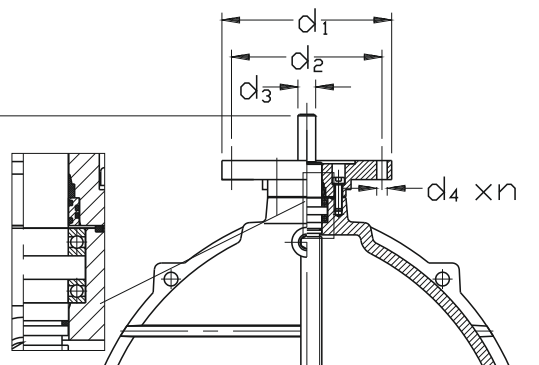
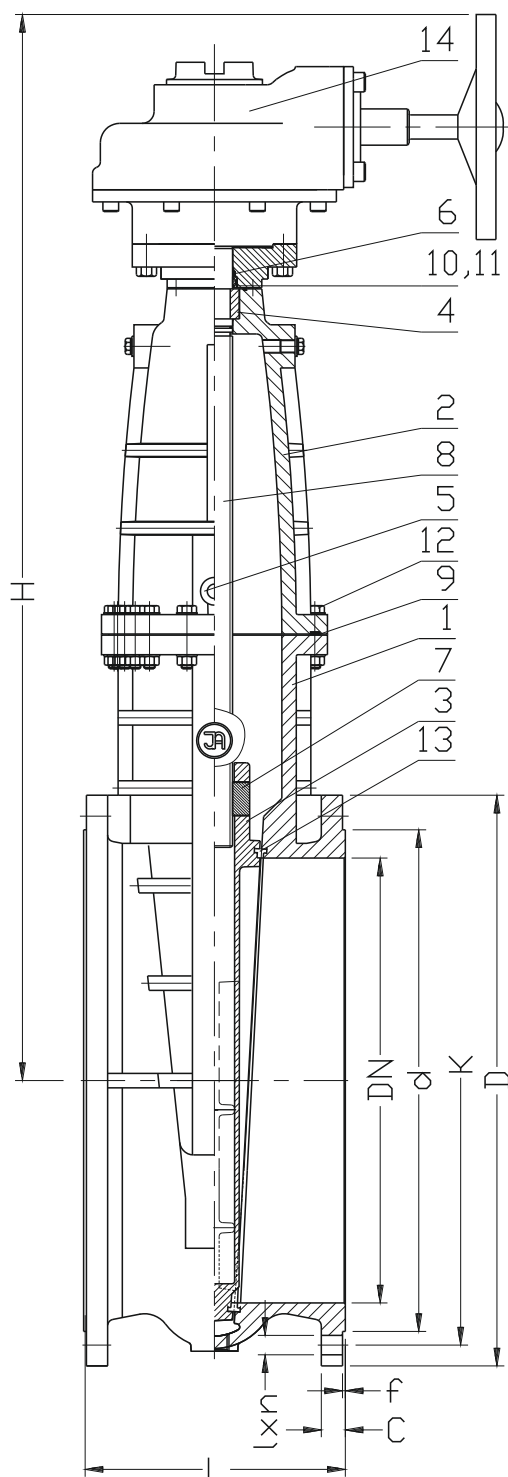
Packing cork, spindle nut - bronze

For actuator

With electric or pneumatic actuators - see: 2910

With inductive or electromechanical sensors

Installation:




No.	Part	Standard execution
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 1563
4	Packing cork	Brass CW617N EN 12165 Bronze CC499K (*) EN 1982
5	Hoisting hook	Steel Fe/Zn5 EN ISO 4017
6	Cleaning gasket	Rubber EPDM ISO 1629
7	Spindle nut	Brass CW617N EN 12165 Bronze CC499K (*) EN 1982
8	Spindle	Stainless steel 1.4021 EN 10088-1
9	Body-bonnet gasket	Rubber EPDM ISO 1629
10 11	O-ring	Rubber EPDM ISO 1629
12	Screw	Steel Fe/Zn5, Stainless steel (*) EN ISO 4762
13	Ring	Stainless steel 1.4021 EN 10088-1
14	Bearing	Catalogue producer
(*) - other material variants on special request		

DN	L	H	H1	d PN16	D PN16 (PN10)	K PN16 (PN10)	I PN16 (PN10)	C	f	n PN16 (PN10)	d1	d2	d3	d4xn
[mm]											-			
700	430	1490	1414	794	910 (895)	840	37 (31)	40	5	24	210	165	50	4xØ22
800	470	1650	1588	901	1025 (1015)	950	40 (34)	43	5	24	210	165	50	4xØ22
1000	550	1930	1931	1112	1255 (1230)	1170 (1160)	43 (37)	50	5	28	300	254	50	8xØ18