

Metal seated gate valve with bypass
 flanged DN400-DN600

PN10
PN16
INDUSTRY


Gate valve 2110 DN600

Product description (standard execution):

- Open and close bypass pressure regulation
- Body bonnet and wedge made of ductile cast iron EN-GJS 400-15
- Body and wedge face seal rings made of brone, stainless steel
- Wedge nut made of forged brass - replaceable
- Under pressure replaceable packing cork
- Stainless steel spindle with rolledt hread
- 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:

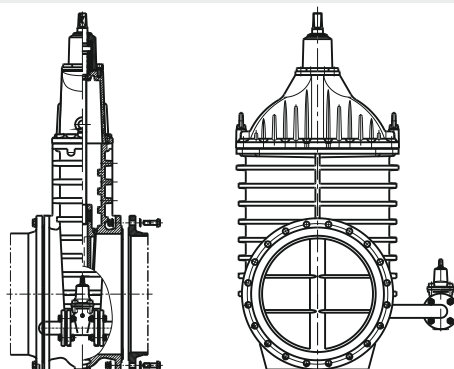
Water pressure test according to EN 1074; EN 1074-2;
 EN 12266-1
 Seat: 1,1 xPN
 Body: 1,5 x PN
 Operation torque test

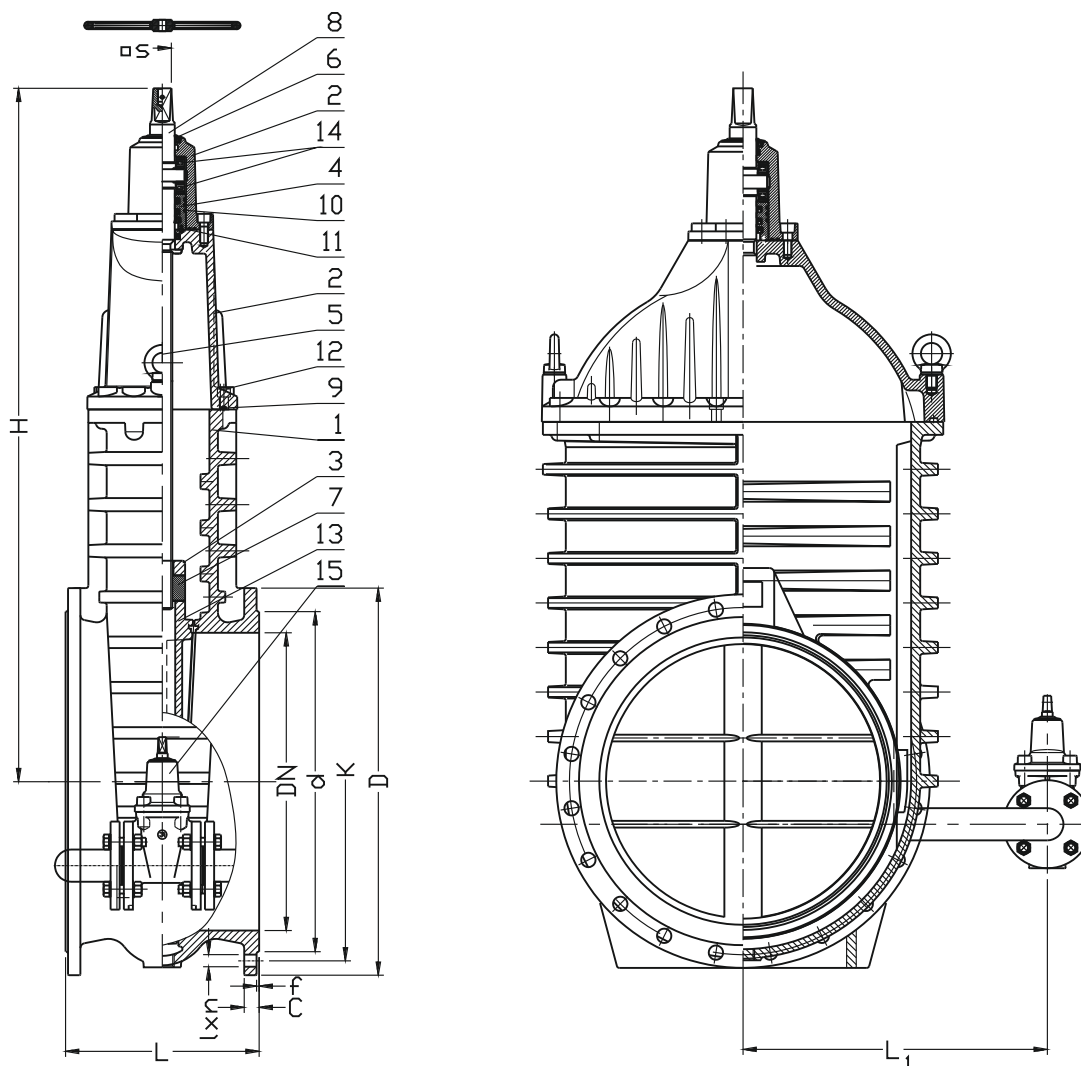
Accessories:

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

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
 With opening indicator

Installation:




No.	Part	Standard execution	No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS-400-15 EN-GJS 500-7 (*) EN 1563	8	Spindle	Stainless steel 1.4021 EN 10088-1
2	Bonet	Ductile cast iron EN-GJS-400-15 EN-GJS 500-7 (*) EN 1563	9	Body-bonet gasket	Rubber EPDM ISO 1629
3	Wedge	Ductile cast iron EN-GJS-400-15 EN 1563	10	O-ring	Rubber EPDM ISO 1629
4	Packing cork	Brass CW617N EN 12165 Bronze CC499K (*) EN 1982	11	Screw	Steel Fe/Zn5, Stainless steel (*) EN ISO 4762
5	Hoisting hook	Steel Fe/Zn5 EN ISO 4017	12	Ring	Stainless steel 1.4021 EN 10088-1 Bronze (*) PN-EN 1982
6	Cleaning gasket	Rubber EPDM ISO 1629	13	Bearing	Catalogue producer
7	Spindle nut	Brass CW617N EN 12165 Bronze CC499K (*) EN 1982	14	Bypass	Gate valve TYP 2110
(*) - other material variants on special request					

DN	L	L ₁	H	d PN16 (PN10)	D PN16 (PN10)	K PN16 (PN10)	I PN16 (PN10)	C	f	n PN16 (PN10)	S	Weight	Bypass
[mm]										-	[mm]	[kg]	DN
400	310	460	1020	480	580	525 (515)	31 (28)	28	4	16	32	315	40
500	350	510	1220	609 (582)	715 (670)	650 (620)	34 (28)	32	4	20	36	475	50
600	390	580	1390	720 (682)	840 (780)	770 (725)	37 (31)	36	5	20	36	665	50

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