

**Resilient seated gate valve  
with pneumatic actuator flanged**

**PN10  
PN16**

**SEWAGE**

**WATER**



Gate valve 2901 DN 200

### Product description (standard execution):

- Body bonnet and wedge made of ductile cast iron EN-GJS 400-15; EN-GJS 500-7
- Full bore gate valve
- NBR/EPDM fully vulcanised wedge
- Wedge nut made of forged brass - replaceable
- Application of low friction sliding element
- Pneumatic actuator for 6 bars operating pressure
- 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
- 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 and 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 2903
- Face to face according to EN 558-A1 F4 (DIN 3202) – catalogue number 2901
- Product marking according to EN 19; EN 1074

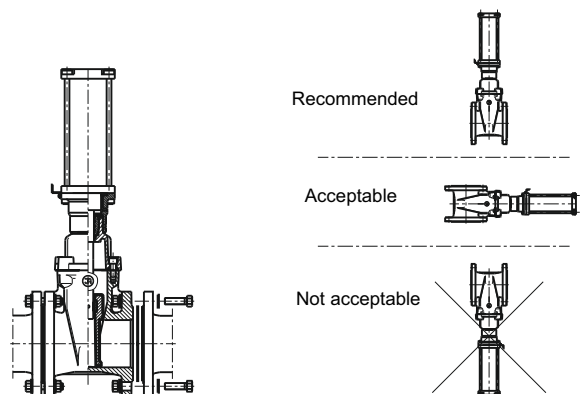
### Application:

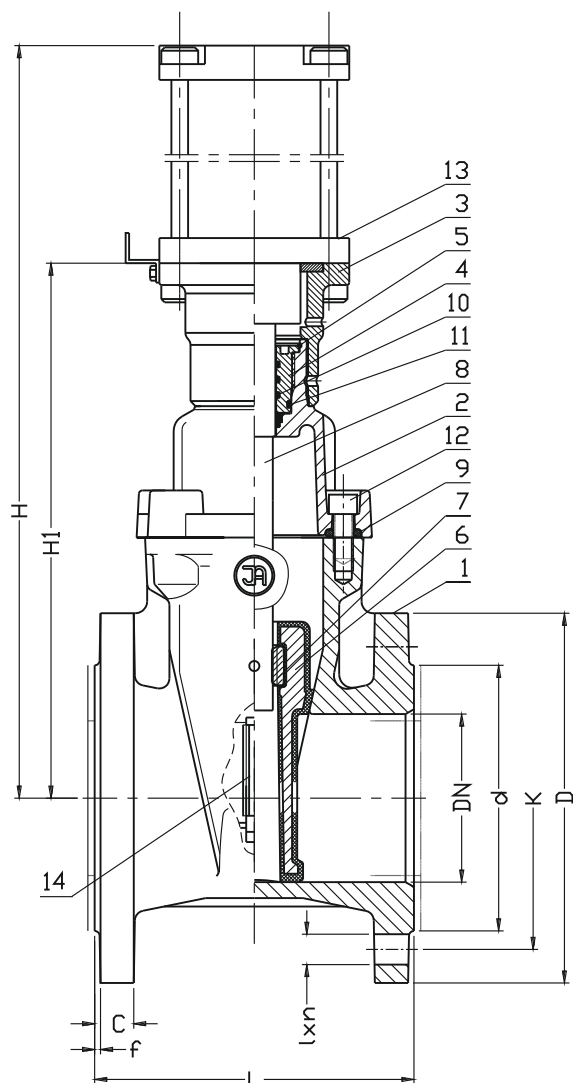
Water and sewage networks and tanks. Transport of non aggressive liquids.  
 Working conditions:  
 temp. up +70°C  
 pressure up to 1,6 MPa

### Test control:

Hydraulic test according to EN 1074-1; EN 1074-2; EN 12266-1  
 Seat: 1,1 x PN  
 Body: 1,5 x PN

### Installation:





No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS-400-15 EN 1563 EN-GJS-500-7 EN 1563
2	Bonnet	Ductile cast iron EN-GJS-400-15 EN 1563 EN-GJS-500-7 EN 1563
3	Engine base	Ductile cast iron EN-GJS-400-15 EN 1563 EN-GJS-500-7 EN 1563
4	Packing cork	Brass CW617N EN 12165
5	Protection ring	Steel 1.1260
6, 14	Wedge + slider	Ductile cast iron EN-GJS-400-15 EN 1563 EN-GJS-500-7 EN 1563 Rubber EPDM or NBR EN ISO 1629 Tarnoform 300 EN ISO 1874-1
7	Spindle nut	Brass CW617N EN 12165 Ductile cast iron EN-GJS-400-15 EN 1563
8	Spindle	Stainless steel 1.4021 EN 10088-1
9	Body-bonnet gasket	Rubber EPDM or NBR EN ISO 1629
10 11	O-ring	Rubber EPDM or NBR EN ISO 1629
12	Screw	Steel Fe/Zn5 stainless steel EN ISO 4762
13	Actuator	Producer catalogue

- other material variants on special request

DN	2901 L	2903 L	H1	H	d	D	K PN16 (PN10)	I PN16 (PN10)	C	f	n PN16 (PN10)	Actuator
[mm]												-
40	140	240	219	417	84	150	110	19	19	3	4	60M2L100A0060
50	150	250	229	437	99	165	125	19	19	3	4	60M2L100A0070
65	170	270	257	475	118	185	145	19	19	3	4	60M2L100A0080
80	180	280	282	520	132	200	160	19	19	3	8	60M2L100A0100
100	190	300	319	599	156	220	180	19	19	3	8	60M2L125A0120
125	200	325	358	658	184	250	210	19	19	3	8	60M2L125A0140
150	210	350	434	784	211	285	240	23	19	3	8	40M2L160A0170
200	230	400	509	909	266	340	295	23	20	3	12 (8)	40M2L160A0220
250	250	450	603	1053	319	405	355 (350)	28 (23)	22	3	12	40M2L200A0270
300	270	500	678	1178	370	460	410 (400)	28 (23)	25	4	12	40M2L200A0320
350	290	550	827	1437	429	520	470 (460)	28 (23)	27	4	16	40M2L250A0400
400	310	600	1060	1730	480	580	525 (515)	31 (28)	28	4	16	40M2L320A0450