

**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
- Full bore gate valve
- EPDM/NBR 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

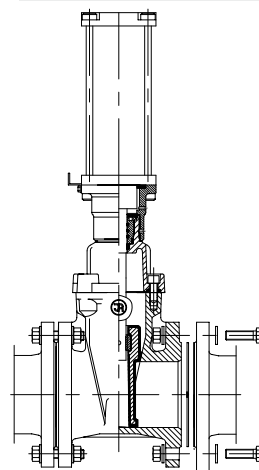
Application:

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

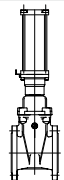
Test control:

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

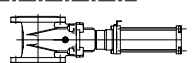
Installation:



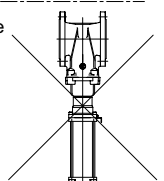
Recommended

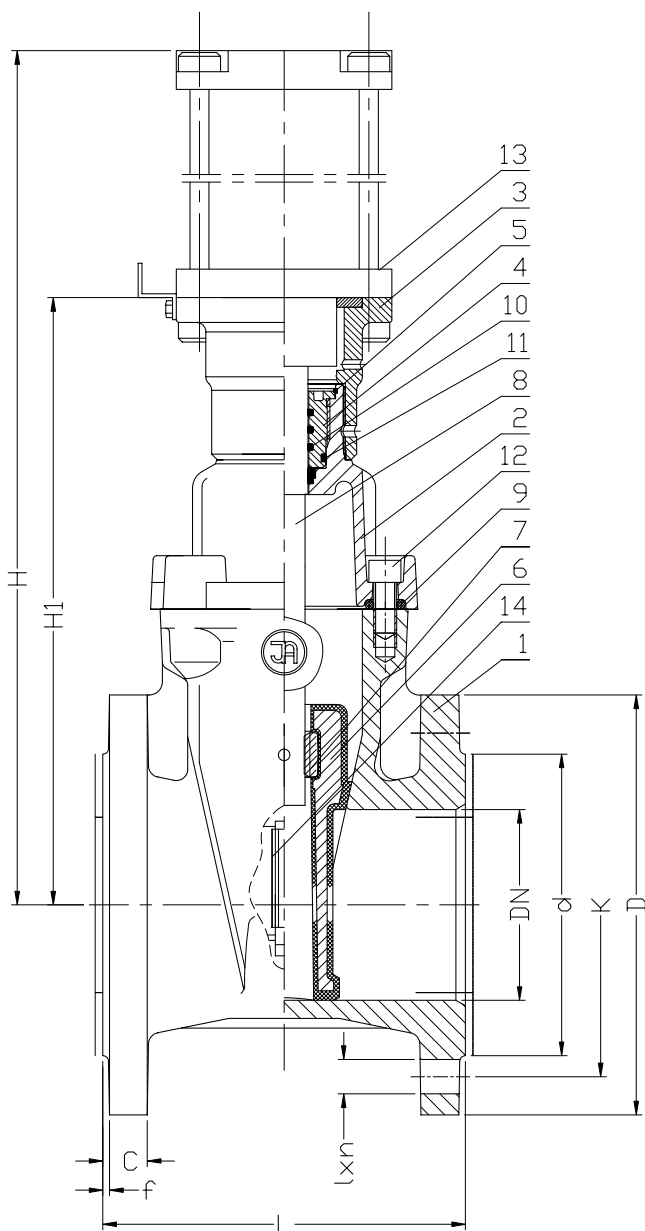


Acceptable



Not acceptable





No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*) EN 1560
2	Bonnet	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*) EN 1560
3	Engine base	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*) EN 1560
4	Packing cork	Brass CW617N EN 1412
5	Protection ring	Steel 1.4310 EN 10027-2
6, 14	Wedge+slider	Ductile cast iron EN-GJS 400-15, EN-GJS 500-7(*) Rubber EPDM, NBR(*) Polyacetal POM-C EN 1560, EN-ISO 1629, EN ISO 29988-1
7	Spindle nut	Brass CW617N, Ductile cast iron EN-GJS 400-15(*) EN 1412, EN 1560
8	Spindle	Steel 1.4021 EN 10027-2
9	Body- bonnet gasket	Rubber EPDM, NBR(*) EN-ISO 1629
10 11	O-ring	Rubber EPDM, NBR(*) EN-ISO 1629
12	Screw	Steel Fe/Zn5, Stainless steel A2(*) EN ISO 4762
13	Actuator	Procyder catalogue
(*) other material variant on special request		

DN	2901 L	2903 L	H	H ₁	D	K	d	C	I	n	f	Actuator	
					PN16(PN10)								
[mm]											-	[mm]	-
40	140	240	417	219	150	110	84	19	19	4	3	60M2L100A0060	
50	150	250	437	229	165	125	99	19	19	4	3	60M2L100A0070	
65	170	270	475	257	185	145	118	19	19	4	3	60M2L100A0080	
80	180	280	520	282	200	160	132	19	19	8	3	60M2L100A0100	
100	190	300	599	319	220	180	156	19	19	8	3	60M2L125A0120	
125	200	325	658	358	250	210	184	19	19	8	3	60M2L125A0140	
150	210	350	784	434	285	240	211	19	23	8	3	40M2L160A0170	
200	230	400	909	509	340	295	266	20	23	12(8)	3	40M2L160A0220	
250	250	450	1053	603	405	355(350)	319	22	28(23)	12	3	40M2L200A0270	
300	270	500	1178	678	460	410(400)	370	25	28(23)	12	4	40M2L200A0320	
350	290	550	1437	827	520	470(460)	429	27	28(23)	16	4	40M2L250A0400	
400	310	600	1730	1060	580	525(515)	480	28	31(28)	16	4	40M2L320A0450	