

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

PN10  
PN16

SEWAGE

WATER



Gate valve DN80



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; EN-GJS 500-7
- Monolithic ISO top flange
- Full bore gate valve
- NBR/EPDM fully vulcanised wedge
- Application of low friction sliding element
- Wedge nut made of forged brass - replaceable
- 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 ISO 12944-5
- 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 2002
- Face to face according to EN 558-A1 F4 (DIN 3202) – catalogue number 2111
- Product marking according to EN 19; EN 1074

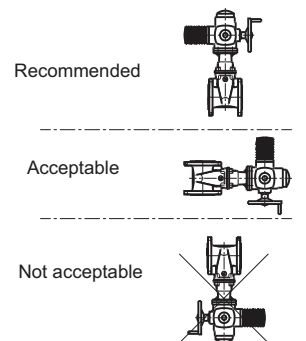
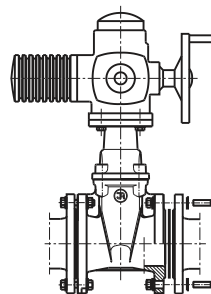
**Application:**

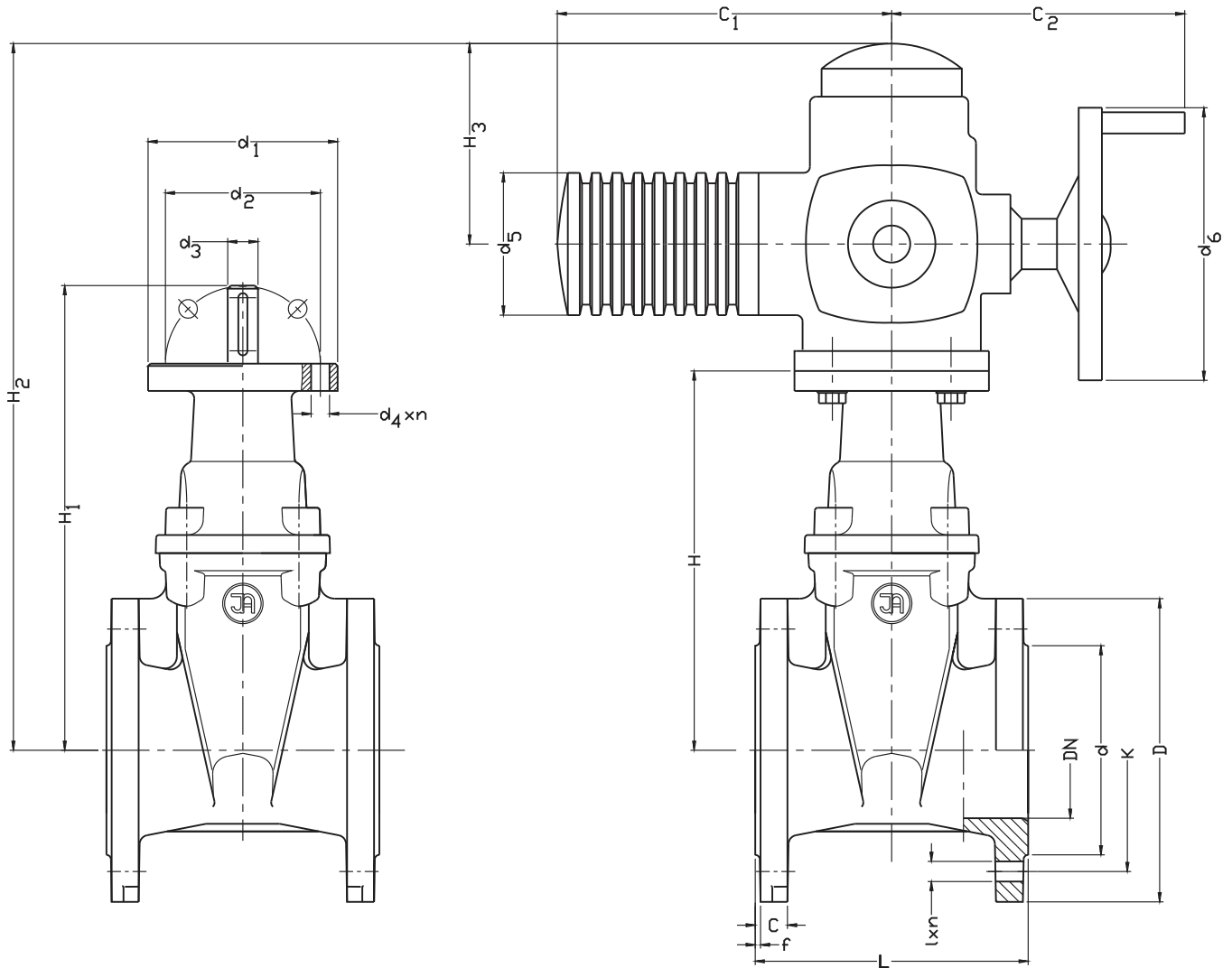
Water and sewage networks and tanks. Transport of non aggressive liquids.  
Working conditions:  
temp. up +70°C  
pressure up to 1,6 MPa

**Test control:**

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

**Installation:**





DN	2911 L	2902 L	C	f	D	d	K	I	n	C <sub>1</sub>	C <sub>2</sub>	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub> x n	d <sub>5</sub>	d <sub>6</sub>	H	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	AUMA type of flange / Clamping force / number of turns	Weight 2911	Weight 2902	
[mm]							PN16 (PN10)		-	[mm]											Saxx.x-Fx / [Nm] / ---		[kg]		
40	140	240	19		150	84	110	19	4	265	250	90	70	9x4	105	160	188	238	461	170	SA 7.2-F7	10-30	11	34	37
50	150	250	19	165	99	125	198										248	471	170	13,5			35	38	
65	170	270	19	185	118	145	232										283	507	170	14	49	52			
80	180	280	19	200	132	160	255										307	530	170	17	50	54			
100	190	300	19	3	220	156	180	20	8	282	256	125	102	11x4	125	200	290	346	565	170	SA 7.6-F10	20-60	21	56	59
125	200	325	19		250	184	210										329	385	604	170			26	72	80
150	210	350	19		285	211	240										400	457	675	170	26	82	89		
200	230	400	20	340	266	295	475	538	750	170	34,5	103	118	SA 10.2-F10	40-120	42,5	153	167							
250	250	450	22	405	319	355 (350)	560	625	875	180	42,5	153	167												
300	270	500	25	4	460	370	410 (400)	28 (23)	12	325	175	140	30	18x4	153	315	635	700	950	180	SA 14.2-F14	100-250	51	181	208
350	290	550	27		520	429	470 (460)										720	785	1033	180			60	276	314
400	310	600	28		580	480	525 (515)										980	1060	1268	180	58	356	385		
450	330	-	30	4	640	548	585 (565)	31 (28)	16	385	175	140	30	18x4	153	400	1050	1130	1340	180	SA 14.6-F14	300-500	65	452	-
500	350	700	32		715	582	650 (620)										1160	1240	1555	180			63	529	608
600	390	800	36		5	840	682										770 (725)	1330	1400	1650	77	708	845		

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

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

**PN25**

**SEWAGE**

**WATER**



Gate valve DN80



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; EN-GJS 500-7
- Monolithic ISO top flange
- Full bore gate valve
- NBR/EPDM fully vulcanised wedge
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- 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 ISO 12944-5
- Product according to EN 1074-1 and 2; EN 1171
- Flange connection according to EN 1092-2 (DIN 2501) pressure PN25
- Face to face according to EN 558-A1 F5 (DIN 3202) – catalogue number 2002
- Face to face according to EN 558-A1 F4 (DIN 3202) – catalogue number 2111
- Product marking according to EN 19; EN 1074

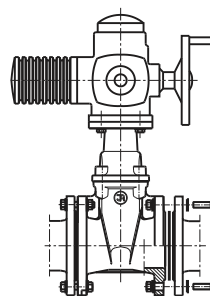
### Application:

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  
Operation torque test.

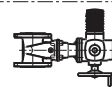
### Installation:



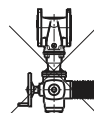
Recommended

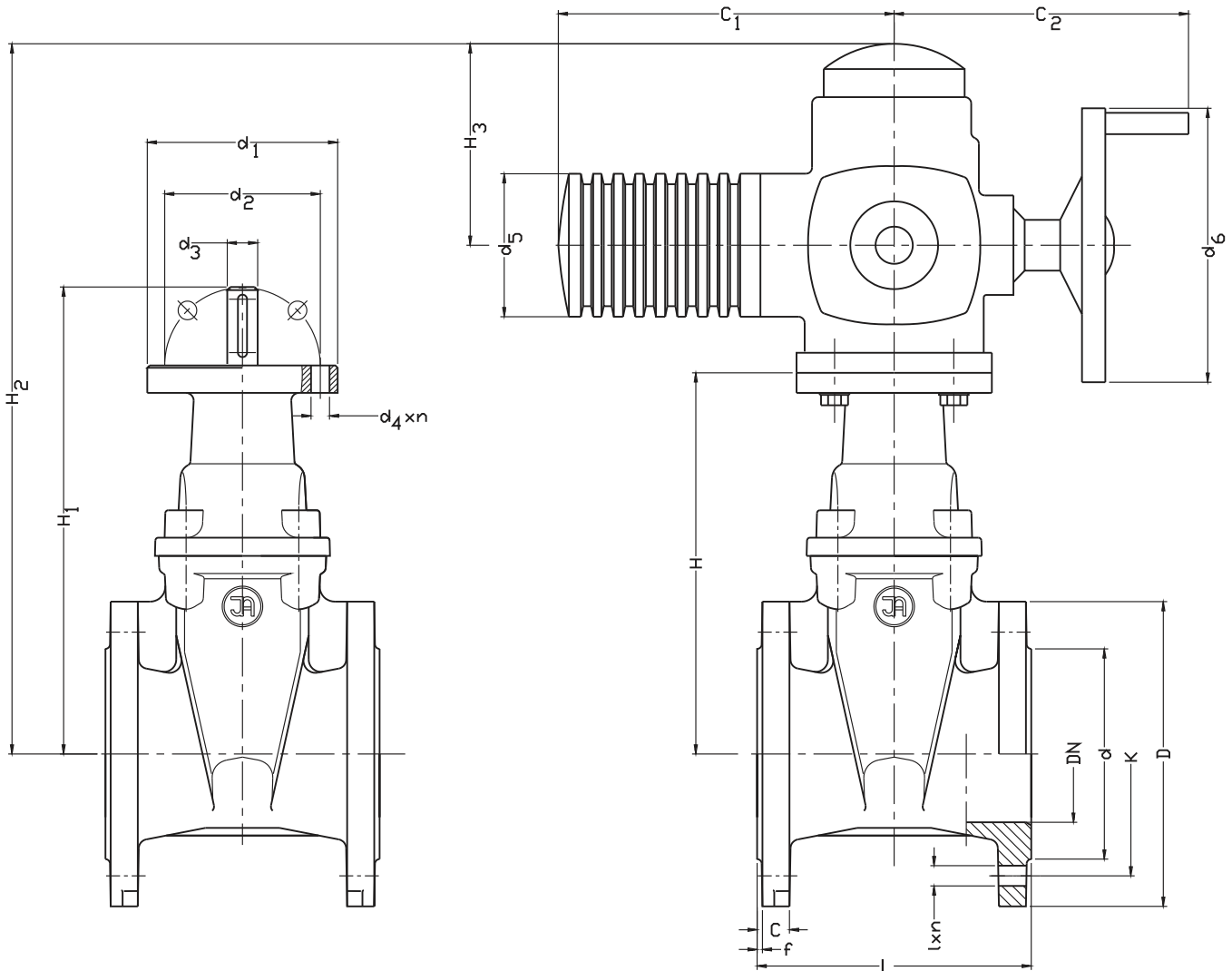


Acceptable



Not acceptable





DN	2911 L	2902 L	C	f	D	d	K	I	n	C <sub>1</sub>	C <sub>2</sub>	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub> x n	d <sub>5</sub>	d <sub>6</sub>	H	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	AUMA type of flange / Clamping force / number of turns		
[mm]										[mm]										Saxx.x-Fx / [Nm] / ---				
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80	180	280			200	132	160										255	307	530	170			17	
100	190	300	3	8	235	156	190	23	8	282	256	125	102	20	11x4	125	200	290	346	565	170	SA 7.6-F10	20-60	21
125	200	325			270	184	220											329	385	604	170			26
150	210	350			300	211	250											400	457	675	170			26
200	230	400			360	274	310											475	538	750	170			34,5
250	250	450	4	12	425	330	370	31	12	325	175	140	30	18x4	153	315	560	625	875	180	SA 10.2-F10	40-120	42,5	
300	270	500			485	389	430										635	700	950	180			51	
350	290	550			555	448	490										720	785	1033	180			60	
400	310	600			620	503	550										980	1060	1268	180			58	
450	330	-	4	16	670	548	600	37	16	332	175	140	30	18x4	153	400	1050	1130	1340	180	SA 14.2-F14	100-250	65	
500	350	700			730	609	660										1160	1240	1555	180			63	

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