

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

**PN10**  
**PN16**

**GAS**



Gate valve 2931 DN500

### 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 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 14901, GSK RAL certificate
- Product according to EN 13774
- Flange connection according to EN 1092-2 (DIN 2501) pressure PN10; Pn16
- Flange for drive assembly in accordance with ISO 5210
- Face to face according to EN 558-A1 F5 (DIN 3202) – catalogue number 2932
- Face to face according to EN 558-A1 F4 (DIN 3202) – catalogue number 2931
- Product marking according to EN 19; EN 1171

### Application:

Gas lines networks.  
 Working conditions:  
 temp. from -20°C up +60°C  
 pressure up to 1,6 MPa

### Execution variant:

Ductile cast iron EN-GJS 350-22-LT (-30°C)  
 With SS body bonnet screws

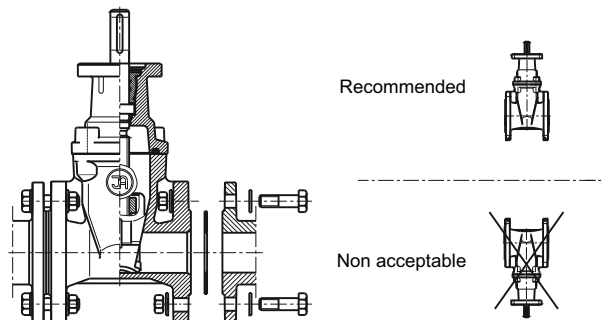
### Test control:

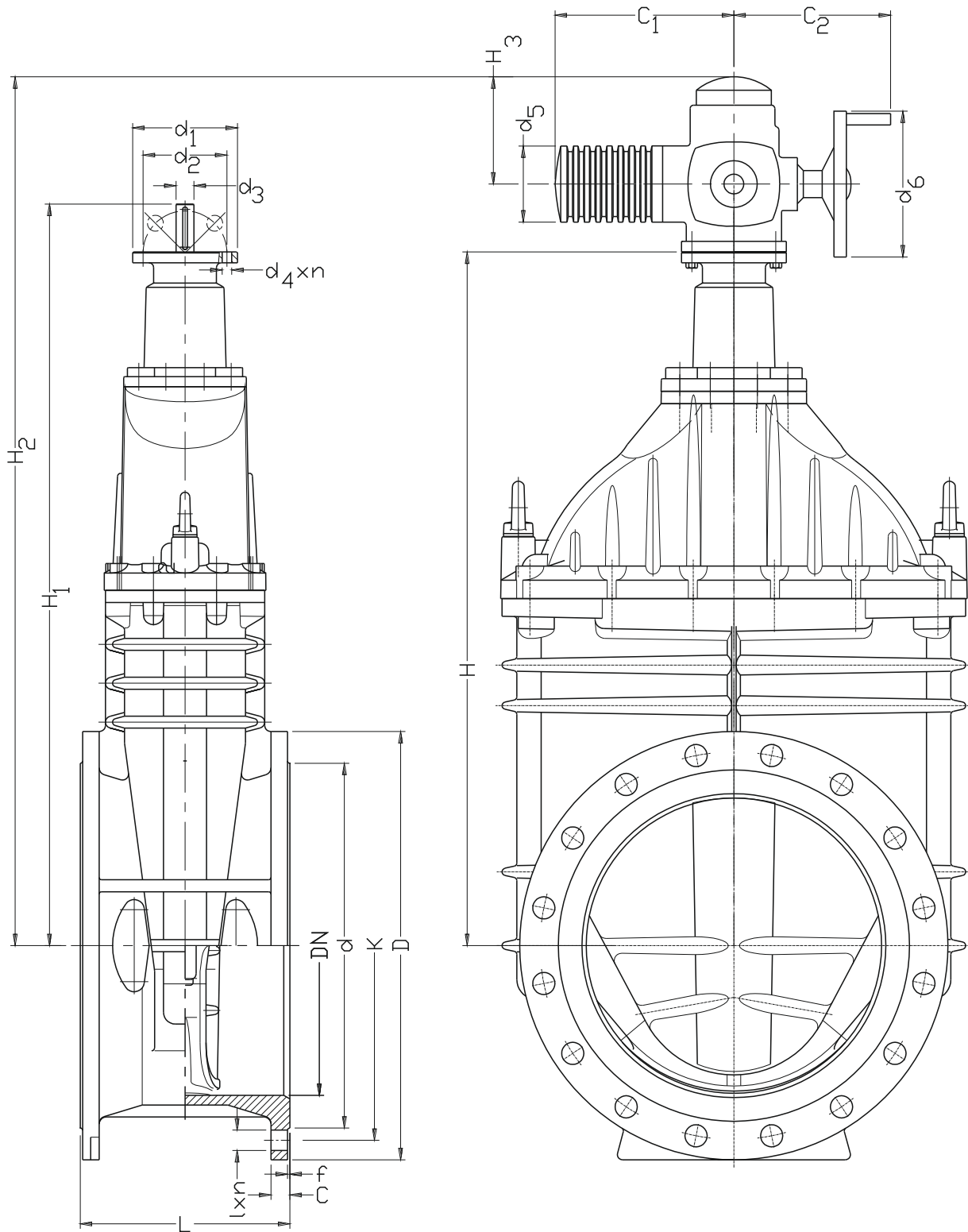
Water pressure test according to EN 1074-1, EN 1074- 2, EN 12266-1  
 Seat: 1,1 x PN;  
 Body: 1,5 x PN  
 Air pressure test according to EN 12266-1  
 Seat: 1,1 x PN;  
 Body: 1,1 x PN  
 Operation torque test.

### Accessories:

Electric multi-turn explosion proof actuators - version EX  
 Pneumatic actuator

### Installation:





DN	2931 L	2932 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> × 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 2931	Weight 2932		
PN16 (PN10)																										
[mm]										[mm]												Saxx.x-Fx / [Nm] / ---		[kg]		
400	310	600	28	4	580	480	525 (515)	31 (28)	16	385	332	175	140	30	18x4	153	400	980	1060	1268	180	SA 14.6-F14	300-500	58	356	385
450	330	-	30	4	640	548	585 (565)	31(28)	20	385	332	175	140	30	18x4	153	400	1050	1130	1340	180	SA 14.6-F14	300-500	65	452	-
500	350	700	32	4	715	582	650 (620)	34 (28)	20	385	332	175	140	30	18x4	153	400	1160	1240	1555	180	SA 14.6-F14	300-500	63	529	608
600	390	800	36	5	840	682	770 (725)	37 (31)	20	385	332	175	140	30	18x4	153	400	1330	1400	1650	180	SA 14.6-F14	300-500	77	708	845

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