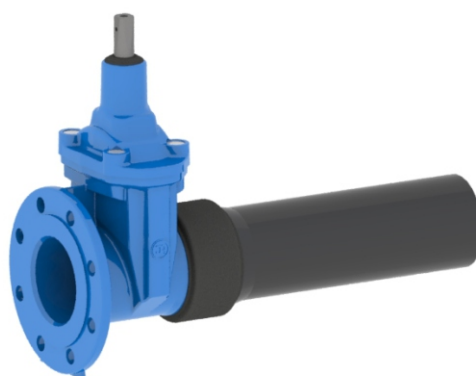


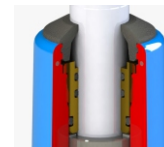
Gate valve
soft seated with PE pipe ends

PN16

WATER

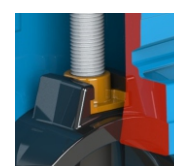
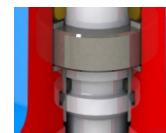


Gate valve DN100



Packing cork protected against unscrewing and fully covered by additional cleaning gasket

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
- Full bore gate valve
- EPDM/NBR fully vulcanised wedge
- Application of low friction sliding element
- Forged replaceable wedge nut made of brass
- Stainless steel spindle with rolled thread
- Low friction double spindle bearing both horizontal and vertical way
- O-ring spindle sealing packing cork protected against medium
- Under pressure replaceable packing cork
- Forged packing cork protected against unscrewing
- Packing cork protected against dirt penetration
- Body bonnet Zinc coated screws protected by wax
- Epoxy coating minimum 250 microns according to EN 14901 GSK RAL certificate
- Article according to EN 1074-1, EN 1074-2; EN 1171
- Flange connection according to EN 1092-2; (DIN 2501) pressure PN10; PN16
- End connectors made of PE 100 SDR 11 pipe
- The PE pipe end connectors enables direct welding into PE pipes
- PE/Steel connection sealed with a plastic shrink hose ring
- Product marking according to EN 19; EN 1171

Application:

Water networks and tanks. Transport of non aggressive liquids.
Working conditions:
temp. from -10°C to + 40°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.

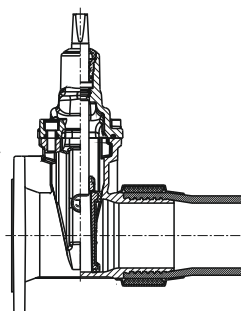
Accessories

Extension spindle - see: 9010, 9011
Pillar with handwheel - see: 9113
Pillar for electric actuator - see: 9114
Street box - see: 9501, 9503, 9504, 9509

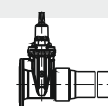
Execution variant:

SS body and bonnet screws
Connectors adapted for PE pipes PE100 SDR17
With Protegol coating

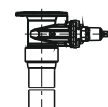
Installation:



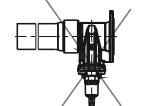
Recommended

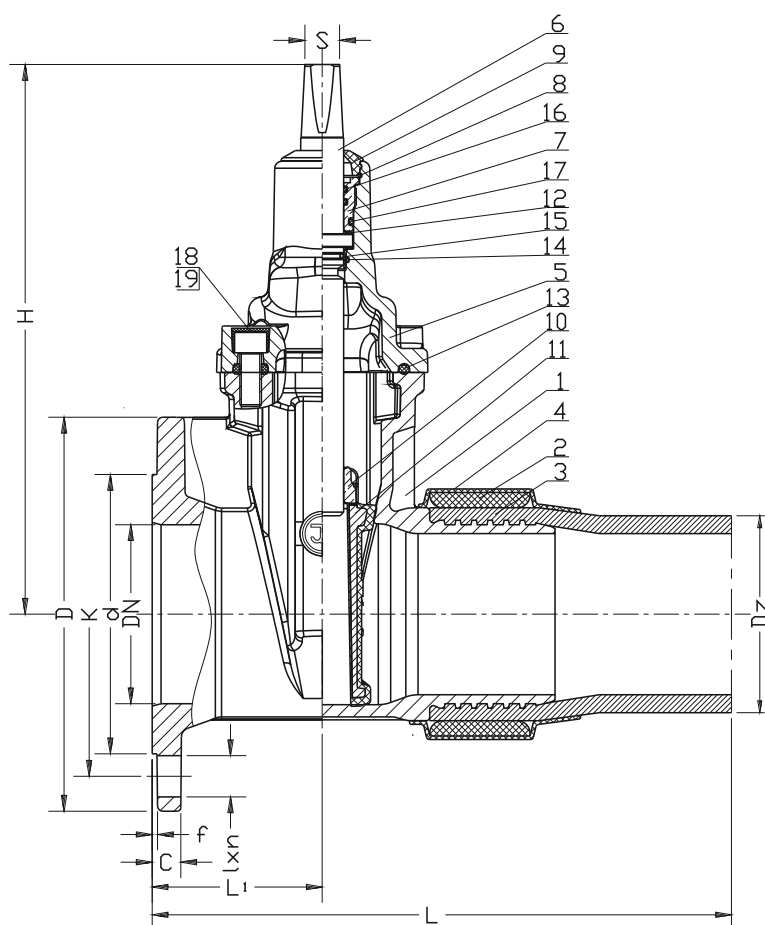


Acceptable



Not acceptable





No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS 400-15 EN 1560
2	Clamping ring	Steel 1.0037 EN 10027-2
3	PE pipe ends	PE 100 SDR 11 EN 1555-2
4	Shrink hose	Plastic
5	Bonnet	Ductile cast iron EN-GJS 400-15 EN 1560
6	Spindle	Steel 1.4021 EN 10027-2
7	Packing cork	Brass CW617N EN 1412
8	Protection ring	Steel 1.4310 EN 10027-2
9	Cleaning gasket	Rubber EPDM, NBR(*) EN-ISO 1629
10	Spindle gasket	Brass CW617N EN 1412
11	Wedge	Ductile cast iron EN-GJS 400-15 Rubber EPDM, NBR(*) Poliacetal POM-K EN 1412, EN 1560, EN-ISO 1629 PN-EN ISO 29988-1
12	Wedge slider	Poliacetal POM-K EN ISO 29988-1
13	Body-bonnet gasket	Rubber EPDM, NBR(*) EN-ISO 1629
14	O-ring	Rubber EPDM, NBR(*) EN-ISO 1629
17	O-ring	Rubber EPDM, NBR(*) EN-ISO 1629
18	Screw	Steel Fe/Zn5, Stainless steel A2(*) EN ISO 4762
19	Screw stopper	Wax
(*) other material variants on special request		

DN	L	L ₁	H	Dz	D	k	d	C	l	n	f	S	Turns for full Open	Weight
					PN16(PN10)									
[mm]													-	[kg]
50	500	75	200	63	165	125	99	19	19	4	3	14	13,5	11
65	515	85	245	75	185	145	118	19	19	4	3	17	14	13
80	520	90	265	90	200	160	132	19	19	8	3	17	17	21
100	545	95	308	110	220	180	156	19	19	8	3	19	21	24
100	545	95	308	125	220	180	156	19	19	8	3	19	21	26
150	655	105	390	160	285	240	211	19	19	8	3	19	26	49
150	655	105	390	180	285	240	211	19	23	8	3	19	26	52