

**Gate valve**  
soft seated with threaded ends

**PN16**

**WATER**



Gate valve 3116 DN32



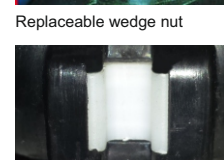
Gate valve 3126 DN50



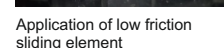
Packing cork protected against unscrewing and fully covered by additional cleaning gasket



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
- Outside and inside full vulcanized wedge by NBR EPDM; DN20 and DN32 made of brass EN 1412
- Forged replaceable wedge nut made of brass for gate valve DN40 and DN50
- Application of low friction sliding element for DN40 and DN50
- 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
- Threaded connection according to EN ISO 228-1 pressure PN10; PN16
- Face to face according to producer documentation JAFAR
- Product marking according to EN 19; EN 1074

### Application::

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

### Execution variant:

Ductile cast iron EN-GJS 500-7  
SS body bonnet screws

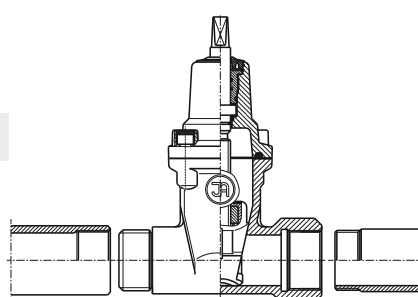
### Test control:

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

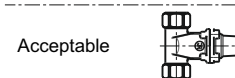
### Accessories:

Extension spindle - see: 9010, 9011  
Street box - see: 9501 9503 9504 9509

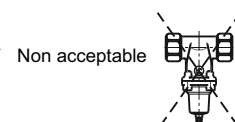
### Installation:



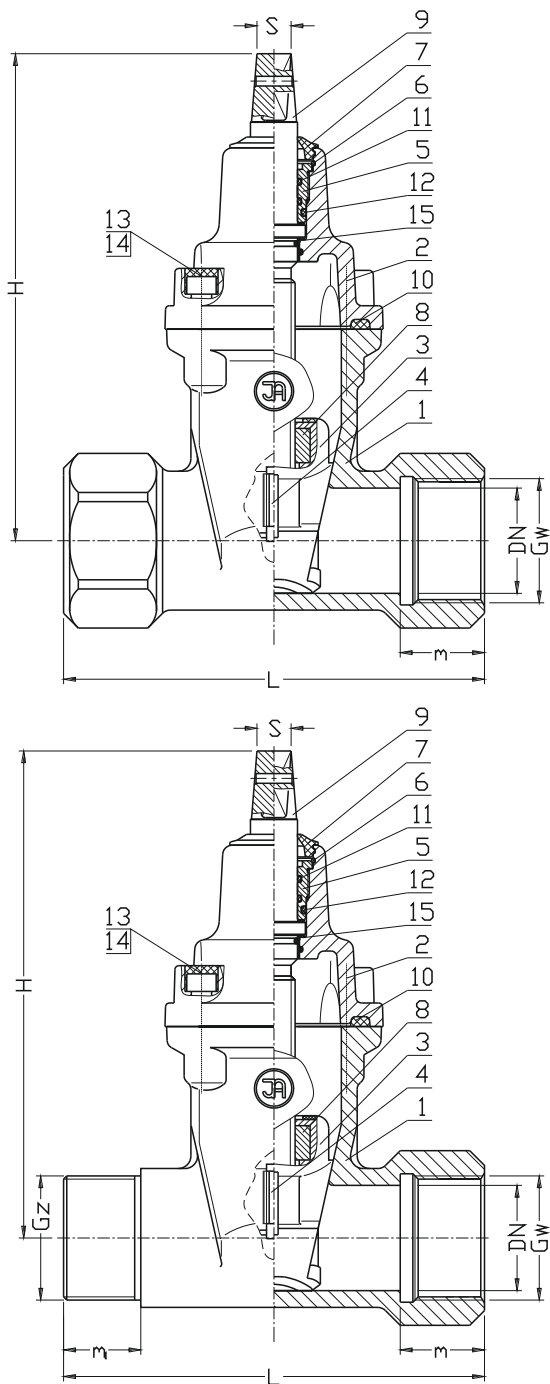
Recommended



Acceptable



Non acceptable



No.	Part	Standard execution
1	Body	Ductile cast iron EN-GJS 400-15 EN-GJS 500-7(*) EN 1560
2	Disc	Ductile cast iron EN-GJS 400-15 EN-GJS 500-7(*) EN 1560
3	Wedge	Brass CW617N(DN25-DN32) EN 1412 Ductile cast iron(DN40-DN50) EN-GJS 400-15 EN-GJS 500-7(*) EN 1560 Rubber EPDM, NBR(*) EN ISO 1629
4	Wedge slider	Poliacetal POM-K EN ISO 29988-1
5	Packing cork	Brass CW617N EN 1412
6	Protection cork	Steel 1.4310 EN 10027-2
7	Cleaning gasket	Rubber EPDM, NBR(*) EN ISO 1629
8	Spindle nut	Brass CW617N EN 1412
9	Spindle	Stainless steel 1.4021 EN 10027-2
10	Body-bonnet gasket	Rubber EPDM, NBR(*) EN ISO 1629
11	O-ring	Rubber EPDM, NBR(*) EN ISO 1629
12		
13	Screw	Steel Fe/Zn, Stainless steel A2 (*) EN ISO 4762
14	Srew stopper	Wax
15	Washer	Poliacetal POM-K EN ISO 29988-1
(*) - other material variants on special request		

DN	Gw/Gz		L	m	m <sub>1</sub>	H	S	Weight	
[mm]	3116[cal]	3126[cal]	[mm]					3116[kg]	3126[kg]
20	3/4"/3/4"	-	115	25	-	120	12	1,8	-
25	1"/1"	1"/1"	105	25	40	160	12	2,6	2,6
32	5/4"/5/4"	5/4"/5/4"	120	25	40	160	12	2,9	2,8
32	-	5/4"/2"	130	25	40	160	12	-	2,7
40	6/4"/6/4"	-	180	40	-	215	14	6,1	-
40	-	6/4"/6/4"	180	40	40	215	14	-	5,6
40	-	6/4"/2"	180	40	40	215	14	-	5,8
50	2"/2"	-	200	40	-	215	14	6,9	-
50	-	2"/2"	200	40	40	215	14	-	6,6