

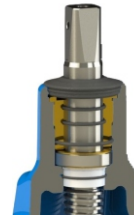
**Resilient seated Gate valve with ISO fitting for PE pipe both ends**

**PN16**

**WATER**



Gate valve DN32 ISO40



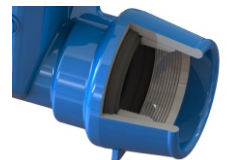
Packing cork protected against unscrewing and fully covered by additional cleaning gasket

Horizontal and vertical double spindle bearing



Replaceable wedge nut

Sealing with the clamping ring and O-ring



## Product description (standard execution):

- Body bonnet and wedge made of ductile cast iron EN-GJS 400-15
- POM tube clamping ring protection against slipping
- Full bore gate valve
- Outside and inside full vulcanized wedge by NBR EPDM; DN25 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 gate valve 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
- 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

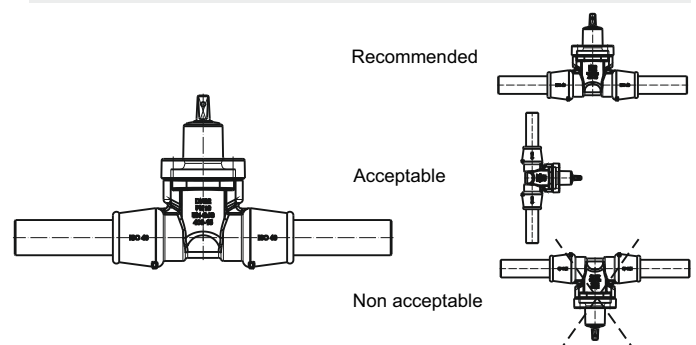
## Test control:

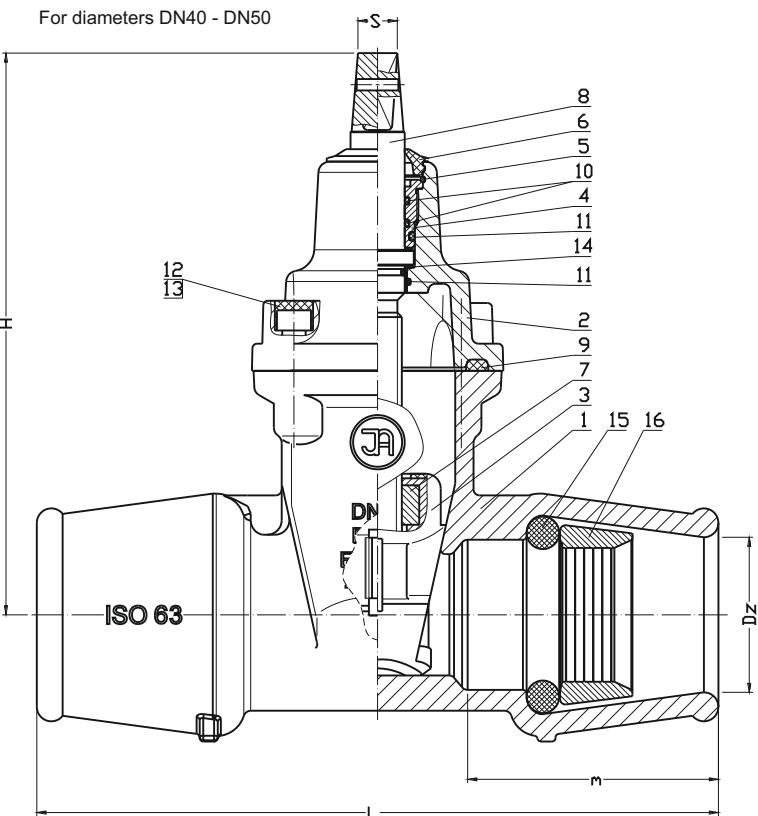
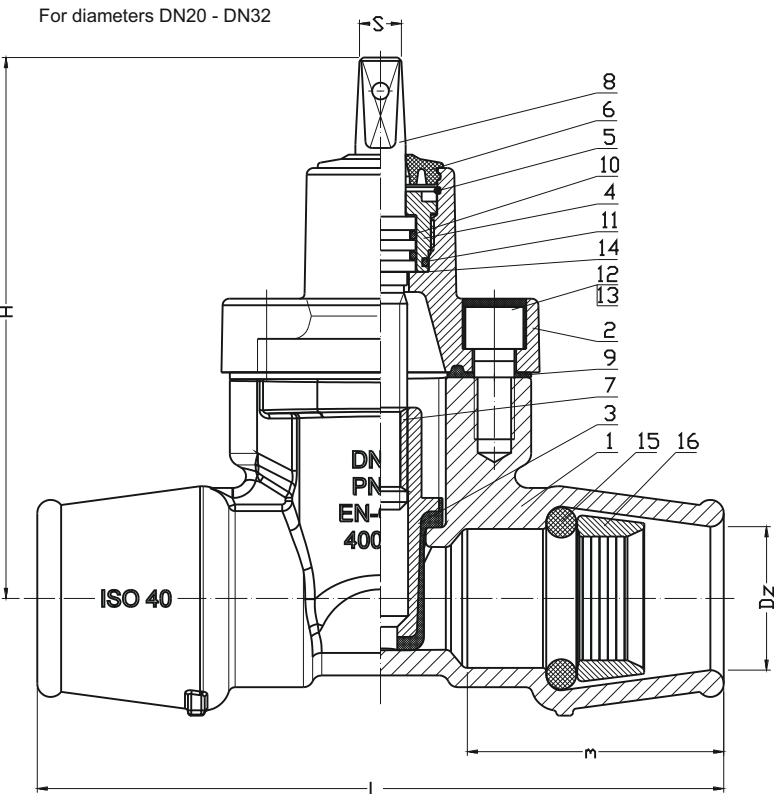
Hydraulic test according to EN 1074-1, EN 1074-2; EN 12266-1  
Seat 1,1 x PN  
Body 1,5 x PN  
Operation torque test

## Accessories:

Extension spindle - see: 9010, 9011  
Weld for ISO connections - see: 9306  
Street box - see: 9501 9503 9504 9509

## Installation:





| No.                                              | Part               | Standard execution                                                                                                                   |
|--------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                | Body               | Ductile cast iron<br>EN-GJS 400-15<br>EN-GJS 500-7(*)<br>EN 1560                                                                     |
| 2                                                | Bonnet             | Ductile cast iron<br>EN-GJS 400-15<br>EN-GJS 500-7(*)<br>EN 1560                                                                     |
| 3                                                | Wedge              | Brass CW617N(DN20-DN32)<br>EN 1412<br>Ductile cast iron(DN40-DN50)<br>EN-GJS 400-15<br>EN 1560<br>Rubber EPDM, NBR(*)<br>EN ISO 1629 |
|                                                  | Wedge slider       | Poliacetal POM-K<br>EN ISO 29988-1                                                                                                   |
| 4                                                | Packing cork       | Brass CW617N<br>EN 1412                                                                                                              |
| 5                                                | Protection ring    | Steel 1.4310<br>EN 10027-2                                                                                                           |
| 6                                                | Cleaning gasket    | Rubber EPDM, NBR(*),<br>Oriplast(*)<br>EN ISO 1629                                                                                   |
| 7                                                | Spindle nut        | Brass CW617N(DN40-DN50)<br>EN 1412                                                                                                   |
| 8                                                | Spindle            | Stainless steel 1.4021<br>EN 10027-2                                                                                                 |
| 9                                                | Body-bonnet gasket | Rubber EPDM, NBR(*)<br>EN ISO 1629                                                                                                   |
| 10                                               | O-ring             | Rubber EPDM, NBR(*)<br>EN ISO 1629                                                                                                   |
| 11                                               |                    |                                                                                                                                      |
| 12                                               | Screw              | Steel Fe/Zn5,<br>Stainless steel A2(*)<br>EN ISO 4762                                                                                |
| 13                                               | Srew stopper       | Wax                                                                                                                                  |
| 14                                               | Washer             | Poliacetal POM-K<br>EN ISO 29988-1                                                                                                   |
| 15                                               | Gasket             | Rubber EPDM, NBR(*)<br>EN ISO 1629                                                                                                   |
| 16                                               | Tension ring       | Poliacetal POM-K<br>EN ISO 29988-1                                                                                                   |
| (*) - other material variants on special request |                    |                                                                                                                                      |

| DN                     | Dz   | PN    | H    | L   | m  | S  | Weight |
|------------------------|------|-------|------|-----|----|----|--------|
|                        | [mm] | [bar] | [mm] |     |    |    | [kg]   |
| 20*                    | 25   | 16    | 160  | 165 | 52 | 12 | 3      |
| 25                     | 32   | 16    | 160  | 184 | 72 | 12 | 3,5    |
| 32                     | 40   | 16    | 160  | 205 | 77 | 12 | 4,1    |
| 40                     | 50   | 16    | 215  | 230 | 80 | 14 | 7      |
| 50                     | 63   | 16    | 225  | 270 | 85 | 14 | 8,5    |
| * during commissioning |      |       |      |     |    |    |        |

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