

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

PN16

WATER



Gate valve DN32 ISO40



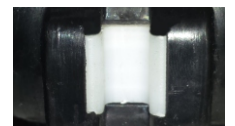
Sealing with the clamping ring
and O-ring



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
- 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

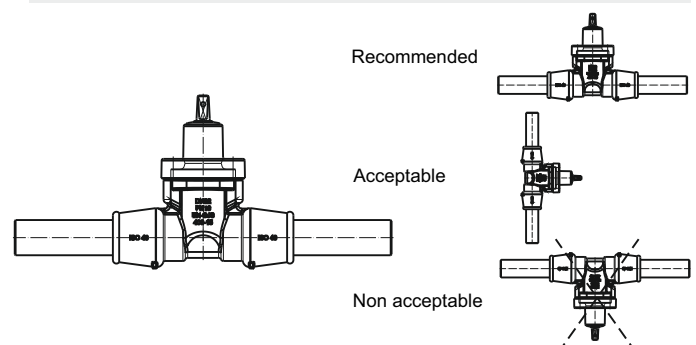
Test control:

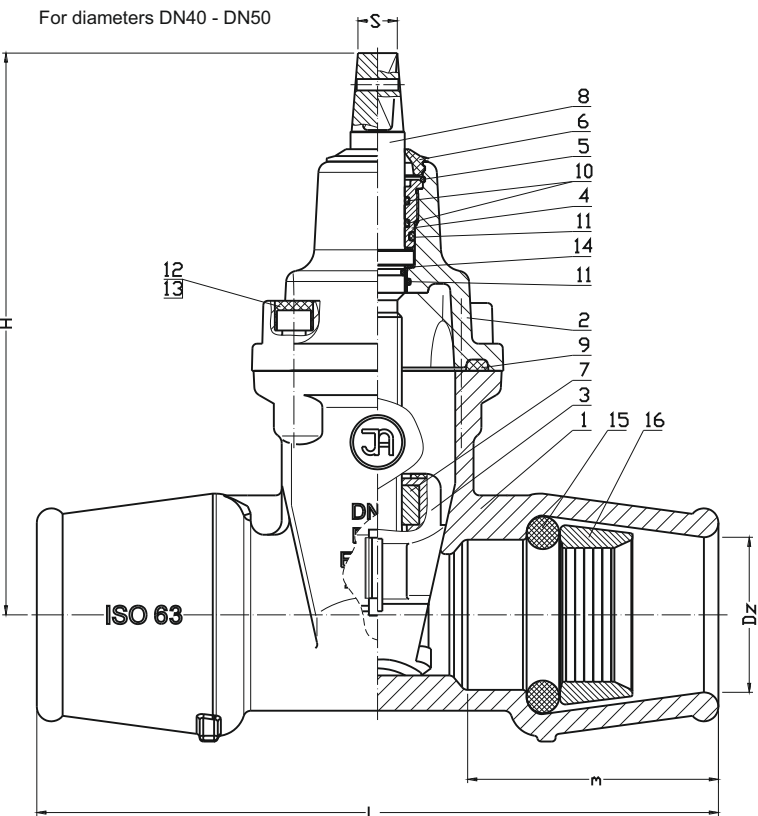
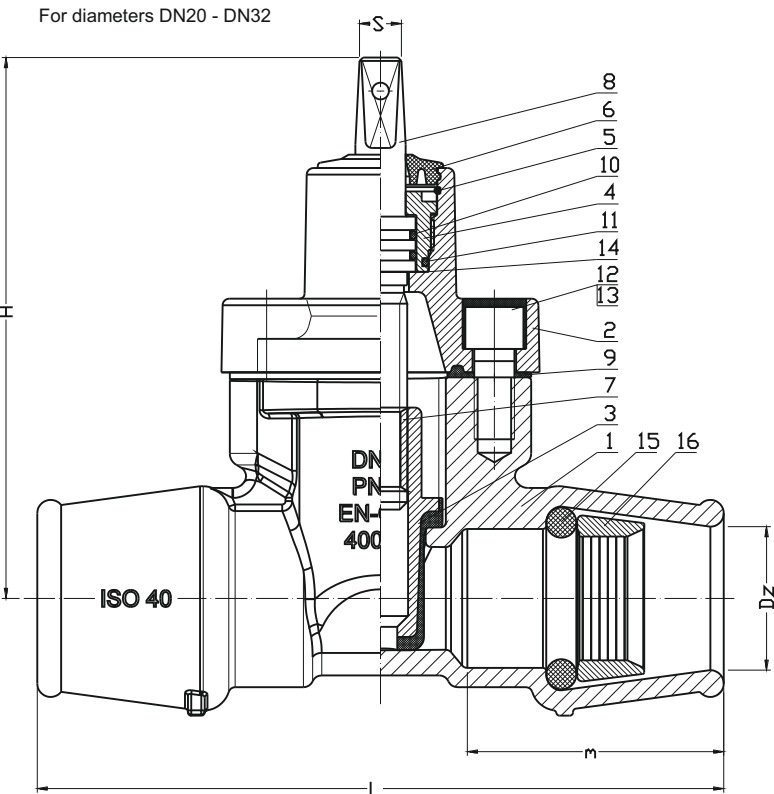
Hydraulic test according to EN 1074-1, EN 1074-2; EN 12266-1
Seat 1,1 x PN
Body 1,5 x PN
Operation torque test

Accessories:

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

Installation:





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