

WEDGE VALVE WITH INTERNAL THREAD AND BOTH INTERNAL AND EXTERNAL THREAD, 2600

WITH REPLACEABLE STEM SEAL

Purpose

- Drinking water installations.
- In industrial, sewage and other chemically neutral fluids installations

Authorisation

- National Institute of Public Health PZH.

Technical data

- Operational pressure PN16.
- Max temp. for water- 40°C.
- Flanged connection according to PN-EN ISO 228-1
- Maximum closing torque $MOT=1 \times DN$ [Nm].
- Requirements and testing according to PN-EN 1074 – 1 and 2.

Design features

- Full, smooth and cavity-free passage.
- Possibility of replacing the valve stem seal under full pressure at any wedge position.
- Lower washer made of polyamide PA6, which is a sliding washer securing low-friction bearing of the spindle (stem).
- Brass screw plug for valve stem seal (replaceable) secured against unscrewing with a stainless steel ring placed inside the cover under the top seal.
- Triple stem seal system: upper wiper seal, set of 3 or 4 O-rings, lower lip seal.
- Wedge made of ductile cast iron vulcanized inside and outside with EPDM or NBR rubber of $70 \pm 5^\circ \text{Sh}$. guided by the tongue and groove method in guides that are an integral part of the valve body.
- Wedge suspension nut on the stem-nonreplaceable, made of brass, hot-dipped in the wedge of the gate valve eliminates wedge vibrations.
- Body and cover made of ductile cast iron grade EN-GJS 500-7.

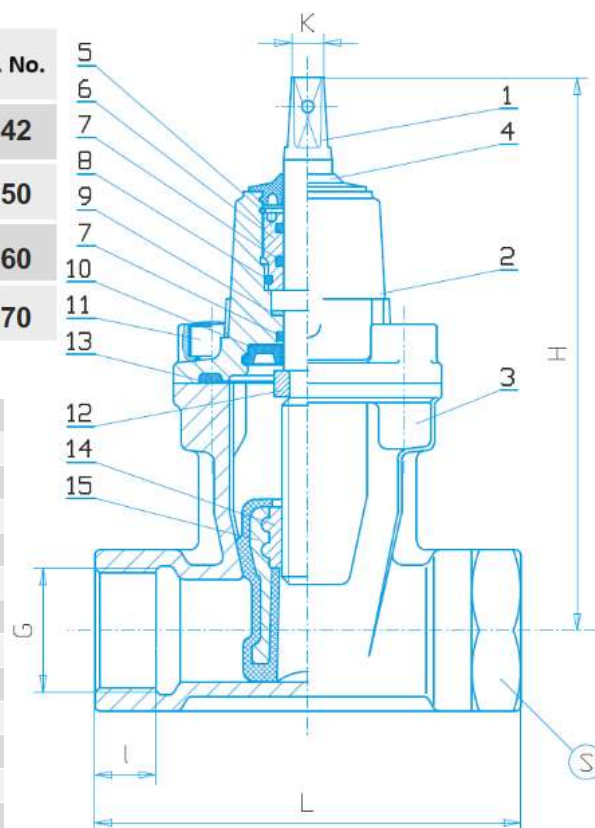


- Connections with internal threads and both internal and external threads G2" and G1 1/2".
- Stainless steel stem with cold-rolled thread, without cuts in the sealing zone, enabling cooperation with O-rings placed inside the screw.
- Static seals made of EPDM rubber, dynamic seals made of NBR rubber.
- Bolts connecting the cover to the body - blind threads, fully protected against corrosion with paraffin-wax compound.
- Internal and external anticorrosive protection with epoxy powder paint RAL 5015 with coating thickness of min. 250µm, resistant to 3kV flashover.

Wedge valve with internal thread PN16

DN	H	L	I	K	S	G	weight (kg)	Cat. No.
25	185	96	17	12	55	1"	2,7	2642
32	185	96	17	12	55	1 1/4"	2,6	2650
40	220	160	20	14	60	1 1/2"	5,8	2660
50	235	175	25	14	75	2"	7,1	2670

No.	Part	Materials
1.	Stem	Stainless steel 1.4021
2.	Cover	Ductile iron EN-GJS 500-7
3.	Body	Ductile iron EN-GJS 500-7
4.	Upper gasket	EPDM / NBR rubber
5.	Locking nut	Stainless steel 1.4301
6.	Screw	Brass
7.	O-ring	EPDM / NBR rubber
8.	O-ring	EPDM / NBR rubber
9.	Bottom washer	Polyamide PA6
10.	Bottom seal	EPDM / NBR rubber
11.	Cover screw	Galvanized or stainless steel
12.	Back nut	Brass
13.	Cover seal	EPDM / NBR rubber
14.	Nut	Brass
15.	Wedge	Ductile iron EN-GJS 500-7 EPDM / NBR rubber
16.	Wedge DN25 and DN32	Brass EPDM / NBR rubber



Wedge valve with internal and external thread PN16

DN	H	L	I	K	S	G1	G	weight (kg)	Cat. No.
25	185	133	17	12	55	1 1/4"	1"	2,8	2643
32	185	133	17	12	55	1 1/4"	1 1/4"	2,8	2655
32	185	133	17	12	55	2"	1 1/4"	2,9	2656
40	220	168	20	14	60	2"	1 1/2"	5,9	2665
50	235	175	25	14	75	2"	2"	7,0	2675

