

PN 16 NWZ NT SPOTTING DRILL 1500

FOR CAST IRON, STEEL AND AC PIPES

Purpose

- Drinking water

Authorisation

- National Institute of Public Health PZH

Technical data

- Operating pressure PN16
- Temp. max. 40°C – for water
- Threaded connection acc. to PN-EN 228-1.
- Requirements and tests according to PN-EN 1074 – 1 and 2

Design features

- Drilling under pressure using a drilling device.
- Universal foot design for two diameter ranges DN80-100 and DN150-300.
- Integrated with a gate valve cat.-no 2655, 2665 and 2675.
- The valve stem sealing may be replaced under full pressure in any position of the wedge.
- Outlets with threads G 1 ¼", G 1 ½" and G 2".
- Can be installed on steel, cast iron and AC pipes.
- Stainless steel stem with cold rolled thread, without notches in the sealing zone, which allows the use of o-rings in the screw.
- Triple sealing system of the stem: top seal, set of 3 or 4 o-rings, bottom lip seal.
- Wedge suspension nut on the stem - non-replaceable, made of brass, hot-dipped in the wedge of the gate valve eliminates wedge vibrations.

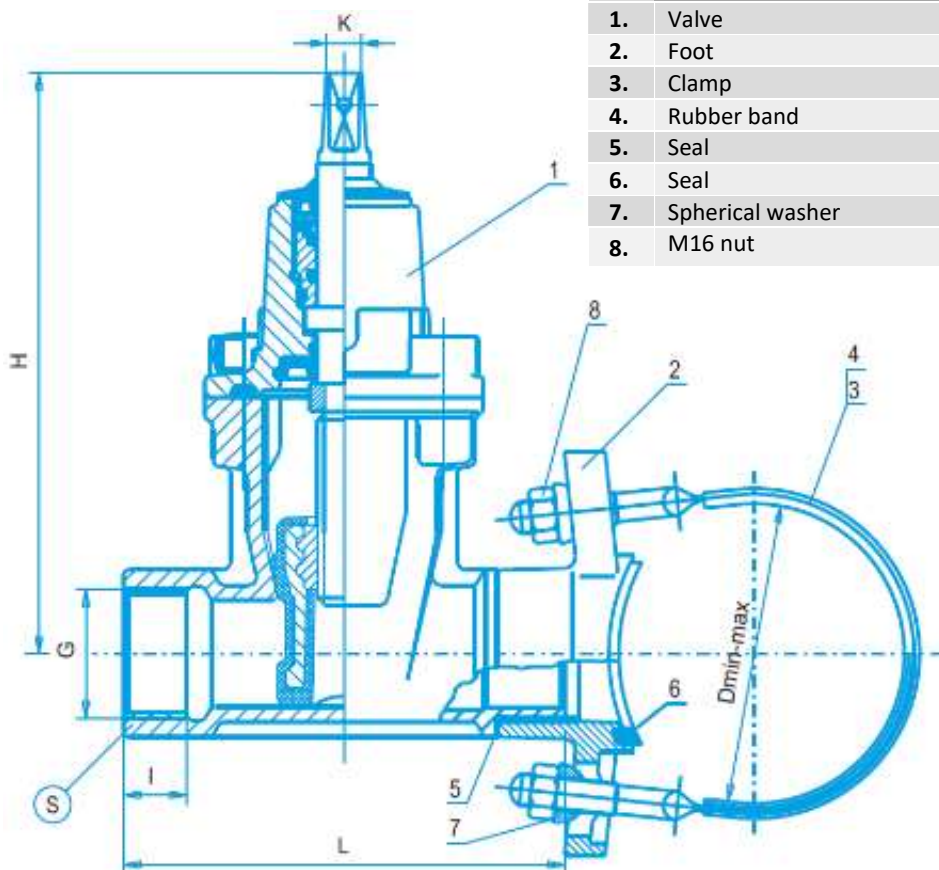
Drilling instructions

- Install the drill bit with the seal and rubber band on the pipeline.
- Open the valve until a free passage is obtained on the DN diameter.
- Install the drilling device on the valve.
- Drill the pipeline.



- Wedge made of spheroidal cast iron, vulcanized inside and outside with EPDM rubber of 70±5°Sh.
- Stainless steel clamp lined with rubber, forged stainless steel T-bolt with rolled thread.
- Foot gasket with trapezoidal cross section made of EPDM rubber, other seals made of NBR rubber.
- Bolts connecting the cover to the body - blind threads, fully protected against corrosion with paraffin-wax compound.
- Gate valve body, bonnet, wedge and foot with internal thread made of ductile cast iron grade EN-GJS 500-7.
- Internal and external anticorrosive protection with epoxy powder paint RAL 5015 with coating thickness of min. 250µm, resistant to 3kV flashover.

- Withdraw the drill bit beyond the zone of the wedge closing the valve.
- Close the valve.
- Unscrew the drilling device.
- Lay out the appropriate water installation.



No.	Part	Materials
1.	Valve	Ductile iron EN-GJS 500-7
2.	Foot	Ductile iron EN-GJS 500-7
3.	Clamp	Stainless steel 1.4021
4.	Rubber band	Brass
5.	Seal	Stainless steel 1.4021
6.	Seal	Brass
7.	Spherical washer	EPDM/NBR rubber
8.	M16 nut	EPDM/NBR rubber

NWZ DN/G	DN	G	D min-max	H	L	I	K	Weight (kg)	Cat. No.
80/32	150/50	1 1/4"	89-104	185	133	17	12	5,2	1520
100/32	200/50	1 1/4"	108-124	185	133	17	12	5,2	1525
125/32	250/50	1 1/4"	133-145	185	133	17	12	5,2	1526
150/32	300/50	1 1/4"	159-174	185	133	17	12	5,2	1530
250/32	150/50	1 1/4"	215-226	185	133	17	12	5,2	1535
200/32	200/50	1 1/4"	266-280	185	133	17	12	5,3	1536
300/32	250/50	1 1/4"	318-330	185	133	17	12	5,4	1537
80/40	300/50	1 1/2"	89-104	220	168	20	14	8,2	1540
100/40	150/50	1 1/2"	108-124	220	168	20	14	8,2	1545
125/40	125	1 1/2"	133-145	220	168	20	14	8,3	1546
150/40	150	1 1/2"	159-174	220	168	20	14	8,3	1550
200/40	200	1 1/2"	215-226	220	168	20	14	8,4	1555
250/40	250	1 1/2"	266-280	220	168	20	14	8,5	1560
300/40	300	1 1/2"	318-330	220	168	20	14	8,6	1565
80/50	80	2"	89-104	235	175	25	14	9,3	1570
100/50	100	2"	108-124	235	175	25	14	9,3	1575
125/50	125	2"	133-145	235	175	25	14	9,4	1577
150/50	150	2"	159-174	235	175	25	14	9,4	1580
200/50	200	2"	215-226	235	175	25	14	9,5	1585
250/50	250	2"	266-280	235	175	25	14	9,6	1590
300/50	300	2"	318-330	235	175	25	14	9,7	1595