

PN 16 NWZ NT SPOTTING DRILL 1500

FOR CAST IRON, STEEL AND AC PIPES

- 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. 2630 and 2640
- Outlets with threads G 1 ½" and G 2".
- Can be installed on steel, cast iron and AC pipes.
- Sealing of the stem with three o-rings.
- Body and cover made of grey cast iron EN-GJL 250.
- Foot with internal thread made of ductile cast iron grade EN-GJS 500-7.
- Stainless steel stem with cold rolled thread.
- The lower washer is made of polyamide PA6, which is a sliding washer that secures the low-friction bearing of the stem.
- Rubber lined stainless steel clamp, forged stainless steel screws with rolled thread.

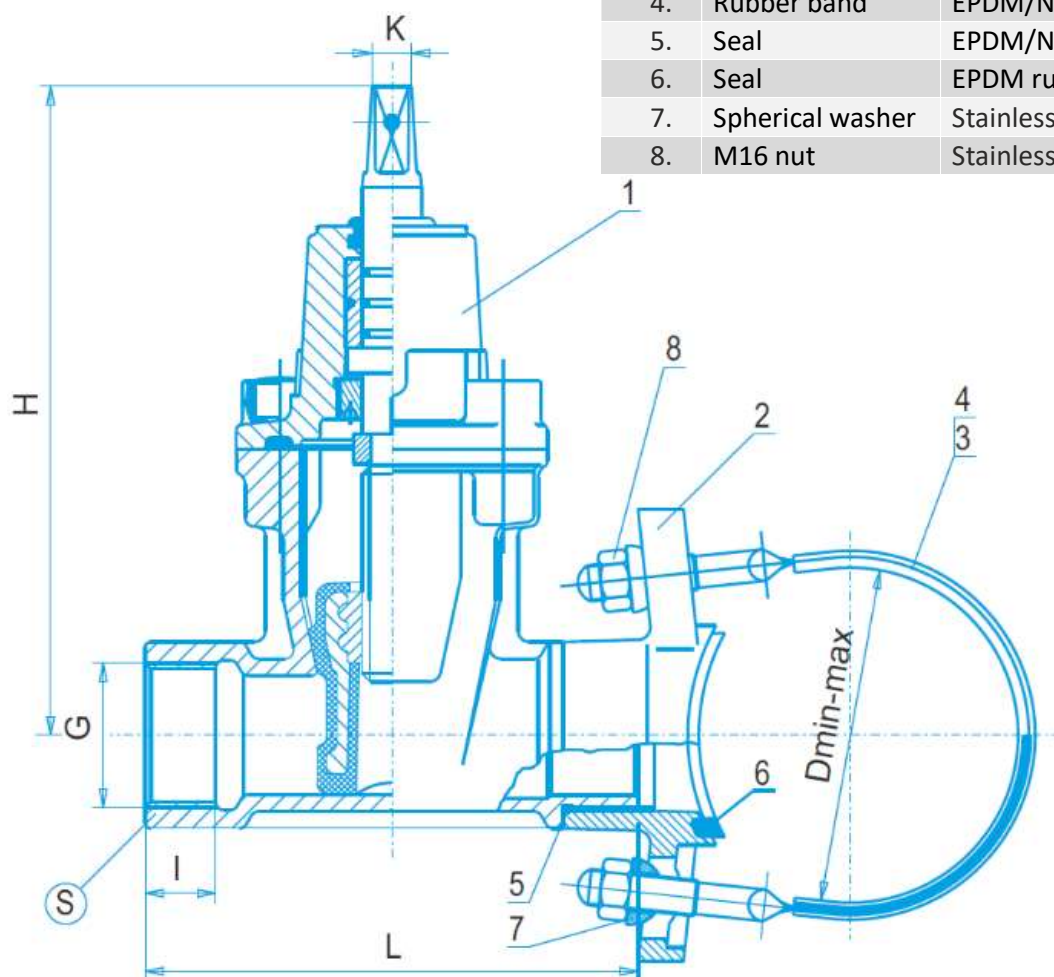
Drilling instructions

- 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 suspension nut on the stem is non-replaceable, made of brass, hot-dipped in the wedge of the gate valve eliminating wedge vibrations.
- Bolts connecting the cover to the body – blind threads, fully protected against corrosion with paraffin-wax compound.
- Wedge made of spheroidal cast iron, vulcanized inside and outside with EPDM rubber with hardness of 70±5°Sh.
- Foot gasket with trapezoidal cross section made of EPDM rubber, other seals made of NBR rubber.
- 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	Cat.no. 2630, 2640
2.	Foot	Ductile iron EN-GJS 500-7
3.	Clamp	Stainless steel 1.4301
4.	Rubber band	EPDM/NBR rubber
5.	Seal	EPDM/NBR rubber
6.	Seal	EPDM rubber
7.	Spherical washer	Stainless or galvanized steel
8.	M16 nut	Stainless or galvanized steel



NWZ DN/G	DN	G	D min-max	H	L	K	S	Weight (kg)	Cat. No. ⁽¹⁾	Cat. No. ⁽²⁾
80/40	80	1 1/2"	89-104	220	168	14	60	8,2	1201	1401
100/40	100	1 1/2"	108-124	220	168	14	60	8,2	1205	1405
150/40	150	1 1/2"	159-174	220	168	14	60	8,3	1210	1410
200/40	200	1 1/2"	215-226	220	168	14	60	8,4	1215	1415
80/50	80	2"	89-104	235	175	14	75	9,3	1220	1420
100/50	100	2"	108-124	235	175	14	75	9,3	1225	1425
150/50	150	2"	159-174	235	175	14	75	9,4	1230	1430
200/50	200	2"	215-226	235	175	14	75	9,5	1235	1435
250/50	250	2"	266-280	235	175	14	75	9,6	1240	1440
300/50	300	2"	318-330	235	175	14	75	9,7	1245	1445