

TAPPING VALVES NWZ

To steel / AC / DI pipes



Type : Tapping valve NWZ to STEE/AC/DI pipes – PN 10/16

Materials and construction characteristic :

Body and lid – made of nodular iron GJS-500-7 at PN16 and grey iron GJL-250 at PN10

Saddle – connected with valve body by thread

Spindle – made of stainless steel 1.402 with rolled thread

Valve lid – connected with valve body by four screws secured with paraffin

Threaded outlet – acc to EN 1090-2:1999

Bearing - sealing sleeve – guarantee spindle multi-sealing and possibility of seals replacing under pressure

Wedge – made of nodular iron GJS-500-7, fully covered by EPDM or NBR rubber. Wedge is shaped to guarantee low friction during often closing and long life

Rubber sealing NBR – Upper shaped O-ring placed at spindle prevents against external impurities

Bottom spindle seals – O-rings NBR guarantee leakproofness by placing in material corrosion resistant

Tapping band – made of stainless steel 1.4301. Steel band with rolled threads. Tapping band covered with EPDM rubber coating at whole surface with spherical pads what guarantee ideal pipe tapping angle



Application :

- Manufactured accordance to PN-EN 1074-1 i 2:2002, PN-EN 1171:2007
- Tapping valve type NWZ is produced to tap pipes in diameter range DN80-350
- Connection to existing pipeline is made with drilling apparatus under pressure
- Valves are available with threaded female outlet connection – DN32 - 5/4" ; DN40 - 6/4" ; DN50 - 2"
- Female thread acc. to DIN ISO 228-1
- In installations: for water, portable water and other inert neutral at max. 60 ° C
- Suitable to direct underground installation
- Full inner and outer heavy anti-corrosion epoxy paint with min. level of 250µm in RAL5015 accordance to EN ISO 12944-5:2009 and DIN 30677-2, resistance for electrical breakdown 3kV including
- Quality and repeatability accordance to EN ISO 9001:2008
- Hygienic certificate by National Health Institute – "PZH"



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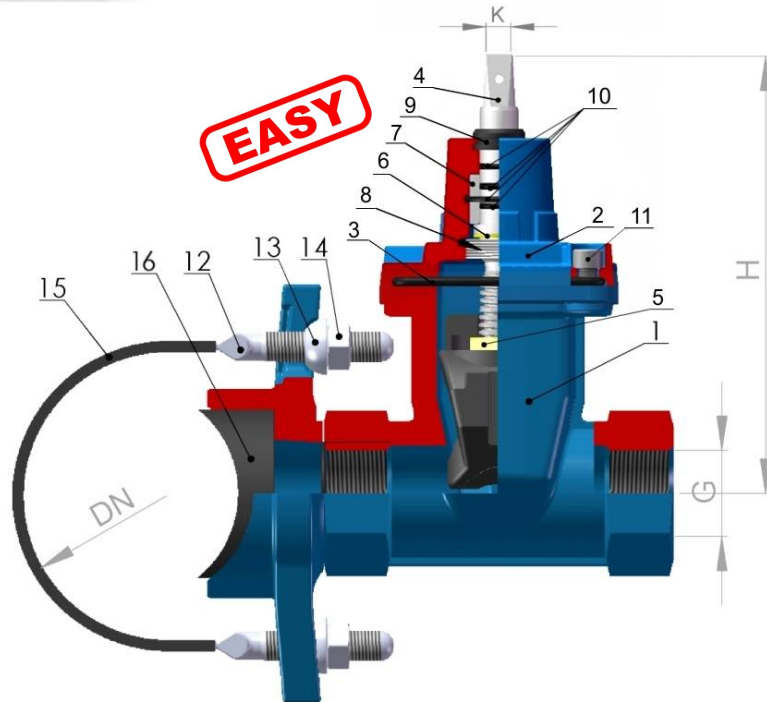
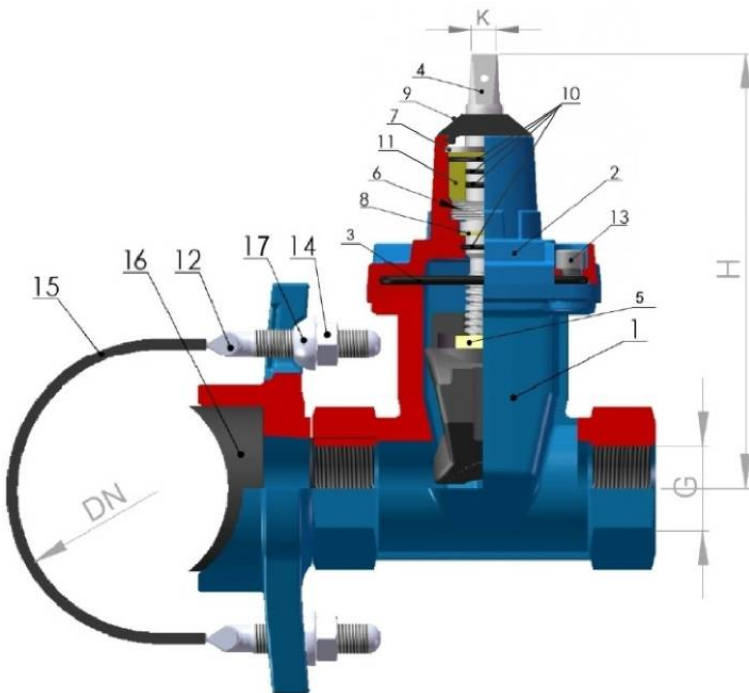
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NARODOWA STRATEGIA SPÓJNOŚCI

EFRR – WRPO 2007- 2013

TAPPING VALVES NWZ

To steel / AC / DI pipes



1. Body
2. Lid
3. Shaped O-ring
4. Mandrel
5. Plug
6. Plug
7. Blocking ring
8. Pad
9. Cleaning gasket
10. O-ring
11. Plug
12. Screw
13. Screw
14. Nut
15. Stainless steel band
16. Saddle gasket
17. Spherical pad

1. Body
2. Lid
3. Shaped O-ring
4. Mandrel
5. Plug
6. Plug
7. Bushing
8. Plug
9. O-ring NBR
10. O-ring
11. Screw
12. Screw
13. Spherical pad
14. Nut
15. Stainless steel band
16. Saddle gasket

See also : Drilling apparatus



Technical specification :

DN	H	L	I	K	G	Catalogue no.	Weight	Versions
	[mm]				[" / mm]		[kg]	
80-500	178	135	22	14	1 " / 25	2131/2135-EASY	7,9	PN10 / 16
	178	135	22	14	5/4 " / 32	2131/2135-EASY	7,4	PN10 / 16
	178	135	24	14	6/4 " / 40	2131/2135-EASY	7,2	PN10 / 16
80-500	228	173	24	14	5/4 " / 32	2221/2225-EASY	8,5	PN10 / 16
	228	173	24	14	6/4 " / 40	2221/2225-EASY	8,4	PN10 / 16
	228	173	24	14	2" / 50	2221/2225-EASY	8,2	PN10 / 16

Reflecting continuous progress of product development we reserve right for further construction changes or to produce product accordance to customer request



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