

# TAPPING SADDLE VALVE NWZ/PE

to PE & PVC pipes



## Type : Tapping valve NWZ/PE to PE/PCV 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

**Tapping saddle** – made of ductile iron, connected with valve body by thread. Saddle composed of two parts connected by 4 screws protected against rust

**Spindle** – made of stainless steel 1.402 with rolled thread

**Valve lid** – connected with valve body by four screws protected against rust

**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

### Application :

- Manufactured accordance to PN-EN 1074-1 i 2:2002, PN-EN 1171:2007
- Tapping valve type NWZ/PE is produced to tap pipes in diameter range DN63-315
- Other diameters accordance to customer request
- Connection to existing pipeline is made with drilling apparatus under pressure
- Valves are available with threaded female outlet connection – DN20 -  $\frac{3}{4}$ " ; DN25 – 1" ; DN32 -  $\frac{5}{4}$ " ; DN40 -  $\frac{6}{4}$ " ; 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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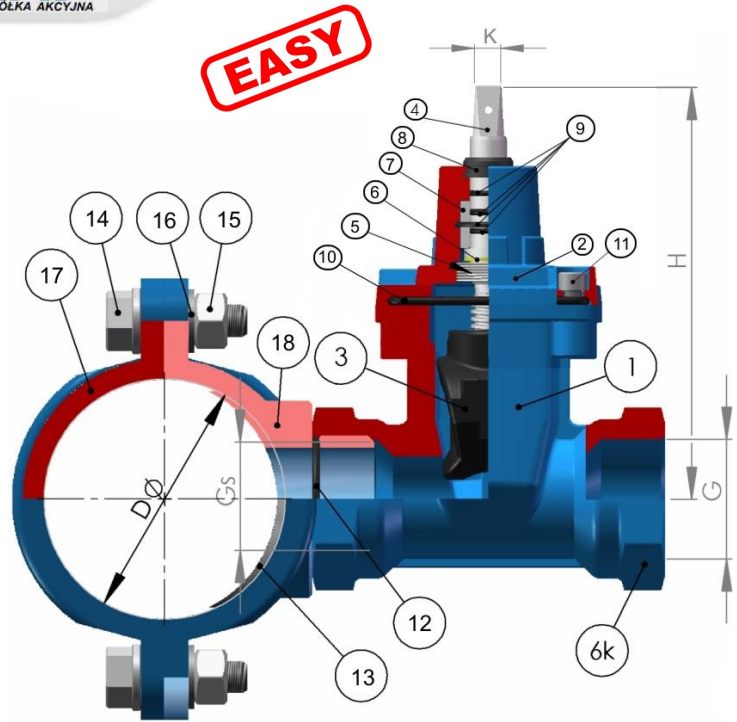
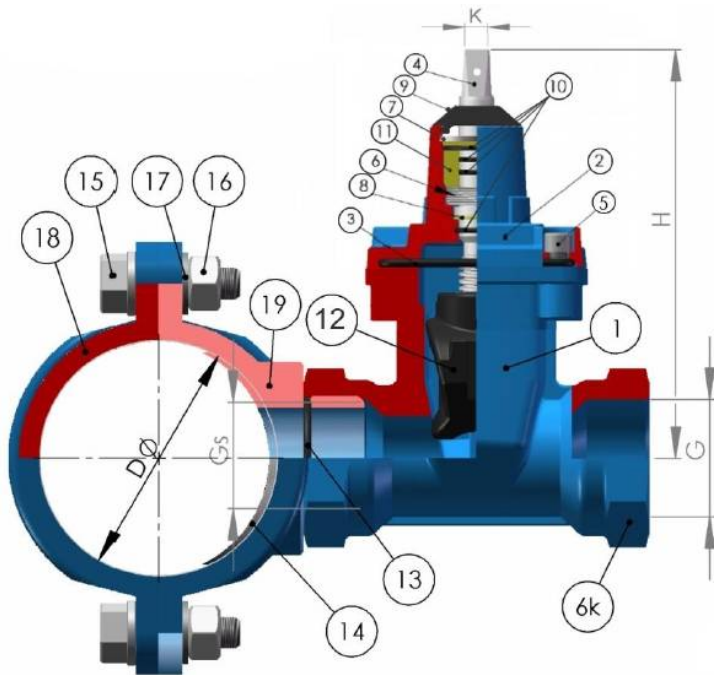
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NARODOWA STRATEGIA SPÓJNOŚCI

EFRR – WRPO 2007- 2013

# TAPPING SADDLE VALVE NWZ/PE

to PE & PVC pipes



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

- 1. Body
- 2. Lid
- 3. Wedge
- 4. Mandrel
- 5. Plug
- 6. Pad
- 7. Bushing
- 8. Shaped gasket
- 9. O-ring NBR
- 10. Shaped O-ring
- 11. Screw
- 12. O-ring
- 13. Saddle gasket
- 14. Screw
- 15. Nut
- 16. Pad
- 17. Saddle
- 18. Saddle

## Technical specification :

D-DN	H	L	I	K	G	Catalogue no.	Weight	Versions
	[mm]				[ ° / mm]		[kg]	
63-315 *	178	135	22	14	1" / 25	1131/1135-EASY	11,0	PN10 / 16
	178	135	22	14	5/4" / 32	1131/1135-EASY	10,8	PN10 / 16
	178	135	24	14	6/4" / 40	1131/1135-EASY	10,6	PN10 / 16
63-315 *	228	173	22	14	5/4" / 32	1211/1215-EASY	12,0	PN10 / 16
	228	173	24	14	6/4" / 40	1211/1215-EASY	12,3	PN10 / 16
	228	173	24	14	2" / 50	1211/1215-EASY	12,6	PN10 / 16

\* - other diameters under customer request

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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