ATN

PASSION FOR
TECHNOLOGY

VN6 2K

Needle valve round bead

Applikator

German / **English**

Subject to change - 05.12.2022

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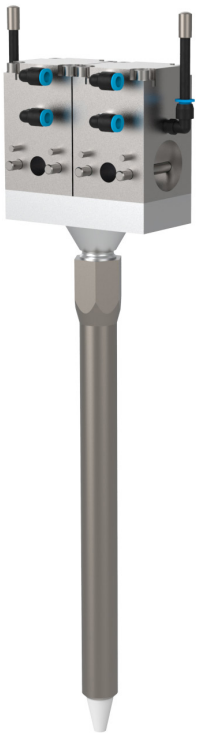
Functional description

The application of two-component materials is carried out via the applicator. The material flow is controlled with the help of a needle valve, which is moved by pneumatic pressure to open or close the application nozzle. This allows precise control of the material application The applicator is flange-fitted, which allows their flexible placement to suit process requirements: individually, directly on the dosing unit, on a robot or on a fixed unit (application tower).



Produkteigenschaften

- ✓ Last component in the actual application process
- ✓ Stationary or robot-guided application
- ✓ Application of two-component materials
- ✓ Application of round beads
- ✓ Needle valve

General technical data

Mixing ratio

1:1 symmetric	
Dimensions in mm (WxDxH)	135,8 mm x 67,5 mm x 167,5 mm
Mass	2 kg
Application pressure	100 bar
Max. pressure	250 bar
Air supply	6 bar
Material connection	Flange; G1/4“ Symmetric ME-goblet
Air connection(pneumatic)	Hose diameter 6 mm Thread: M5
Housing Material	AL, optional SS
Valve type	Needle valve
Diameter nozzles	0,5 – 2,5 mm
Type mixer / static mixer	Serie ME Serie MS Producer: Adchem

100:1 centric	
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Mass	2 kg
Application pressure	100 bar
Max. pressure	250 bar
Air supply	6 bar
Material connection	Flange; G1/4“ Centric ME-goblet
Air connection(pneumatic)	Hose diameter 6 mm Thread: M5
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Ambient conditions / ambient temperature

Storage and transport	0 - 75 °C
Operation	15 - 75 °C

Applicable materials

- Silicones
- Epoxy resins
- Acrylates

Options and functional extensions

- Heating of the applicators
- Variable configuration of nozzle lenght
  - Depending on type of mixer and support pipe
- Variable configuration of nozzle diameter
  - Depending on type of mixer and support pipe
- Stationary or robot-guided
- Static mixer and support pipe planable via inquiry

Technical drawing