

DISPENSING NEEDLE VALVE DA 500

The needle valve **DA 500** was created to dispense with the maximum precision big quantity of paste products such as silicones, silicone greases, resins, etc., or for industrial filling in a fast and accurate way. Its construction allows the fluid to be supplied with high pressure, enabling the dispensing of medium to large beads, while maintaining high-speed handling.



DAV TECH SRL

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FIELDS OF APPLICATION:

- > **Silicone dispensing**
- > **Silicone greases dispensing**
- > **Resin dispensing**
- > **Paste fluid dispensing**

FEATURES:

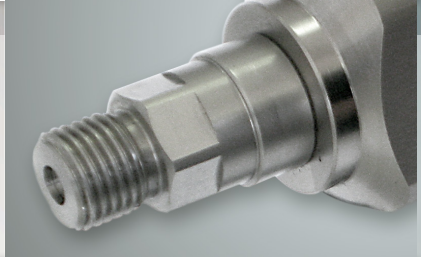
- > Drive both double that in single acting (spring security inside)
- > Easy maintenance and cleaning of the valve
- > Operation at very high pressure
- > Ability to choose between multiple standard nozzles
- > Robust and reliable construction.

Technical Data

Model	DA 500
Drive	Single or double acting
Weight	510 g
Max fluid pressure	200 bar (double acting)
Actuating air pressure	6 - 7 bar
Air inlet thread	M5
Fluid inlet thread	1/4 BSP
Fluid outlet	Threaded nozzles, luer lock nozzle, steel nozzles of various shapes and sizes
Speed	Up to 200 cycles / min
Adjusting the passage	Micrometric or with screw and nut
Used materials	Stainless steel, TCT, nickel plated brass and Teflon
Fluids to be dispensed	Silicones, liquid gaskets, greases, resins, various medium-high viscosity

NOZZLES FOR VALVE DA 500

The valve DA 500 presents a very high number of nozzles available as standard. Nozzles with G 1/4 BSP male, with luer lock nozzle holder, nozzles complete with various shapes and diameters from 1 to 5 mm. If necessary, we can design and create multi-point terminals, with radial outlets, inclined etc.



DRIVE VALVE DA 500

The valve DA 500 have to be driven by solenoid 5/2 or 3/2 (depending on whether you want to work double-acting or simple acting) for a time setted by the PLC of the customer. We are available for the supply of timing systems such as the DA 1000 T controller or even with the creation of electrical control panels to manage the various I / O you need to check.

Valve configurations

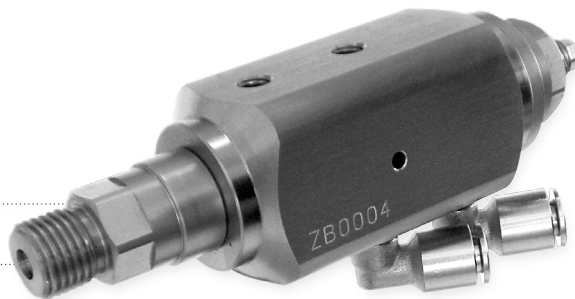
DA 500

NOZZLES AVAILABLE



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Special versions available on request.

Connection diagram

