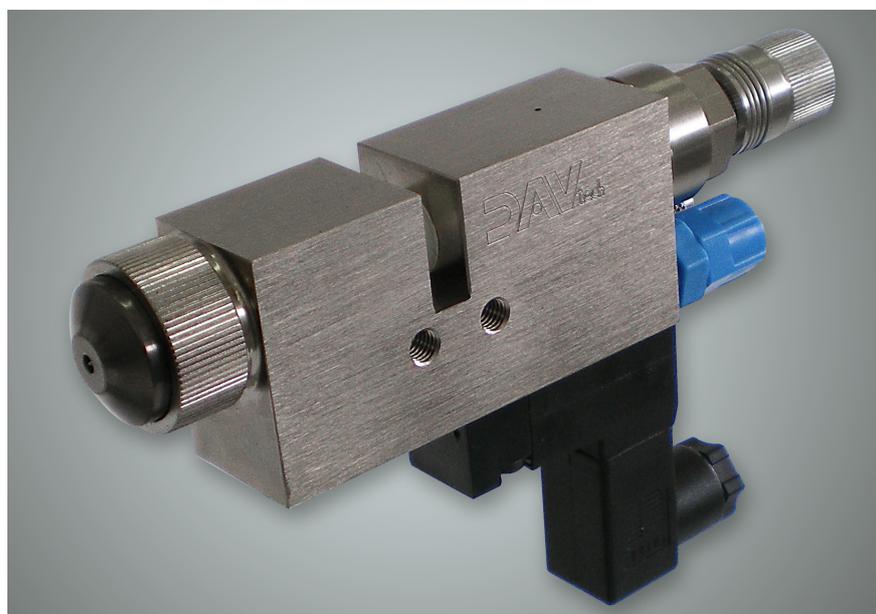


SPRAY VALVE DAS 100 EV

The spray valve **DAS 100 EV** is designed to obtain micro-spraying of various kind of fluid. Its threaded inlet allows the feeding of products of medium to high viscosity , such as greases and lubricating pastes. The valve allows to obtain uniform coverage of the areas without going to affect the surrounding parts. For this reason it' ideal to be mounted on robot, arms etc.

The spray caps are available in various shapes depending on the effect required.



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FIELDS OF APPLICATION:

- > Grease micro-spraying
- > Lubricants micro-spraying
- > Primer micro-spraying
- > Vinilic glues micro-spraying

FEATURES:

- > Fine adjustment of the flow rate
- > Needle and nozzle in stainless steel
- > Operation mode normally closed with safety spring
- > Micro-spray on parts with minimum size of 8-10 mm
- > Do not create mist or unwanted drips
- > Easy maintenance and cleaning of the valve.

Technical Data

Model	DAS 100 EV
Operation	Double Acting
Weight	490 g
Max fluid pressure	Max 25 bar
Actuating air pressure	5 - 7 bar
Atomizing air pressure	From 0.1 to 6 bar
Type air inlet	Hose 6x4mm 4x2, 5mm
Fluid inlet thread	1/8 BSP
Air cap type	Oval or round
Speed	Up to 200 cycles / min
Adjusting of the passage	Micrometric
Used materials	Stainless steel, nickel-plated brass
Fluids to be dispensed	Grease, oil, lubricants, primers, vinilic glues

AIR CAPS AND SPRAY NOZZLES

Depending on the fluid, the spray nozzles are available in various diameters from 0.3 to 1.5 mm, while the air caps allow to obtain a round or oval spray pattern.

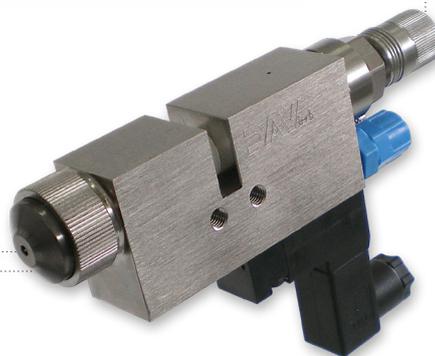


DRIVE THE VALVE DAS 100 EV

The valve DAS 100 EV is equipped with a solenoid valve, that with a 24 VDC feeding open the dispensing. The atomizing air, necessary for the spraying, have to be driven with another 3/2 solenoid valve with a precision pressure regulator mounted on the line. This allows to keep separate the timing of dosing and spraying, and allow to have the greatest possible results.

Valve configurations

DAS 100 EV



HOOD



CR
round
• 15°

CO
oval
• 45°
• 60°
• 90°

NOZZLES AVAILABLE

Ø
mm
• 0.3
• 0.5
• 0.8
• 1
• 1.2
• 1.5

REGULATION



NR
screw

RM
micrometric

Special versions available on request.

Connection diagram

