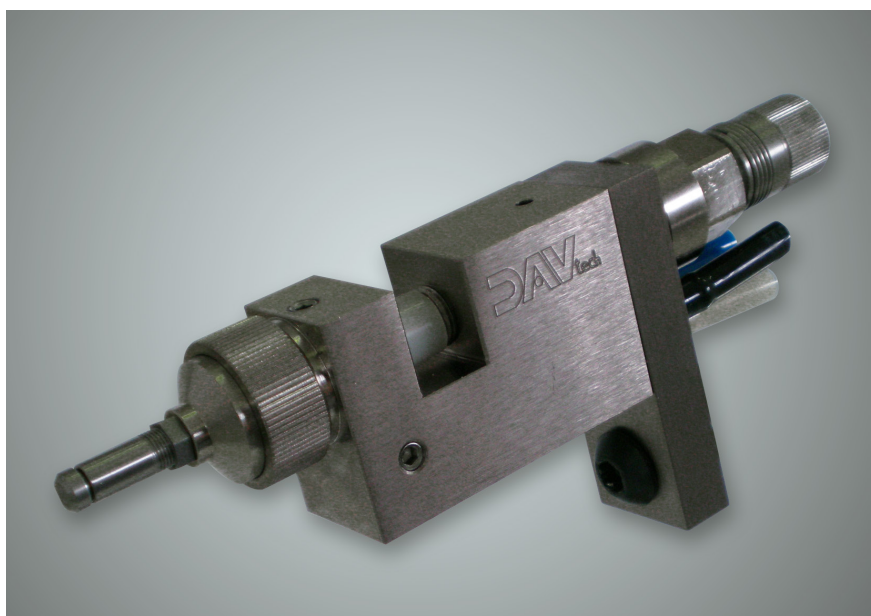


DAS 50 / DAS 50 N SPRAY VALVE

The spray valve **DAS 50** and **DAS 50N** are designed to dispense radially without contact fluids such as oils, lubricants, primers etc. inside cylinders, holes, chambers etc. The special construction prevent leaking and avoid formation of fume or mist.

The valve dispense a crown at 360° inside the cylinder, without contaminating other areas, while by moving the valve is possible to lubricate an hole in all its length.



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FIELDS OF APPLICATION:

- > **Non contact radial dispensing of low to medium viscosity fluids**

FEATURES:

- > Fine adjustment of the flow rate
- > Extension nozzles available in standard length 15, 20, 30, 50, 100, 200 mm (possibility to create special ones)
- > Operation mode normally closed with safety spring
- > Works with cylinders, holes etc from i.d. 10 mm to i.d. 120 mm
- > Avoid any mist and dripping
- > Easy maintenance and cleaning of the valve.

Technical Data

Model	DAS 50 / DAS 50N
Drive	Single acting
Weight	440 g
Max fluid pressure	10 bar
Actuating air pressure	5 - 7 bar
Atomizing air pressure	0,1 - 2 bar
Input type air	6x4mm Tube
Inlet type fluid	6x4mm Tube
Extension length	15, 20, 30, 50, 100, 200 mm
Speed	Up to 200 cycles / min
Adjusting the passage	Micrometric
Used materials	Stainless steel, nickel-plated brass
Fluids to be dispensed	Oils, lubricants, greases up to NLGI 2, primers

TANKS FOR FLUID FEEDING

The PT series DAV Tech tanks are ideal to feed in the best way the valves DAS 50 and DAS 50N. They are available in 3 sizes 2, 5 and 10 liters and in different variations. Made of mirror polished stainless steel and aluminum, all tanks can be equipped on request with an electrical minimum level sensor.



DRIVE THE VALVES DAS 50 AND DAS 50N

The valves DAS 50 and DAS 50N have to be driven with a 3/2 solenoid valve, timed by the customer. 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.

EXTENSIONS FOR VALVES DAS 50 AND DAS 50N

The valves DAS 50 and DAS 50N may be provided with extensions of different lengths. 15mm, 30mm and 50mm are standard sizes, and upon request can be constructed with higher lengths or different positions of the spraying holes.

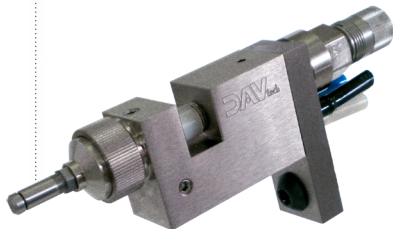
Valve configurations

DAS 50

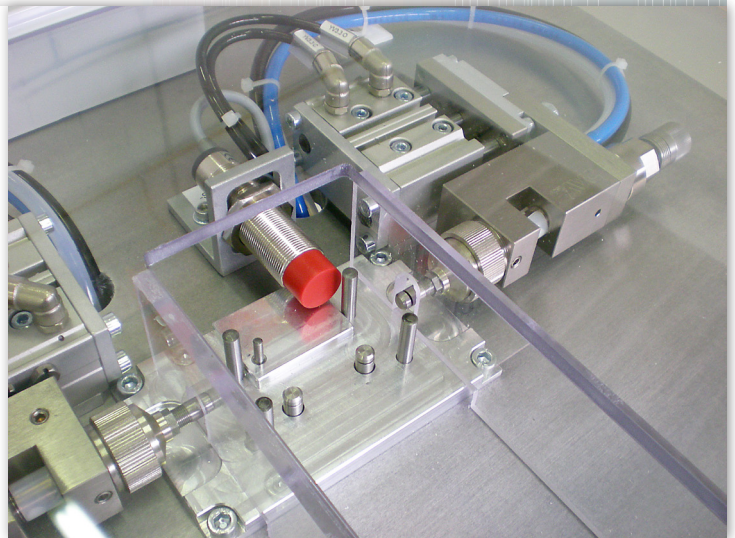
EXTENSIONS



Length
20 mm
30 mm
50 mm
100 mm
200 mm



Special versions available on request.



Connection diagram

