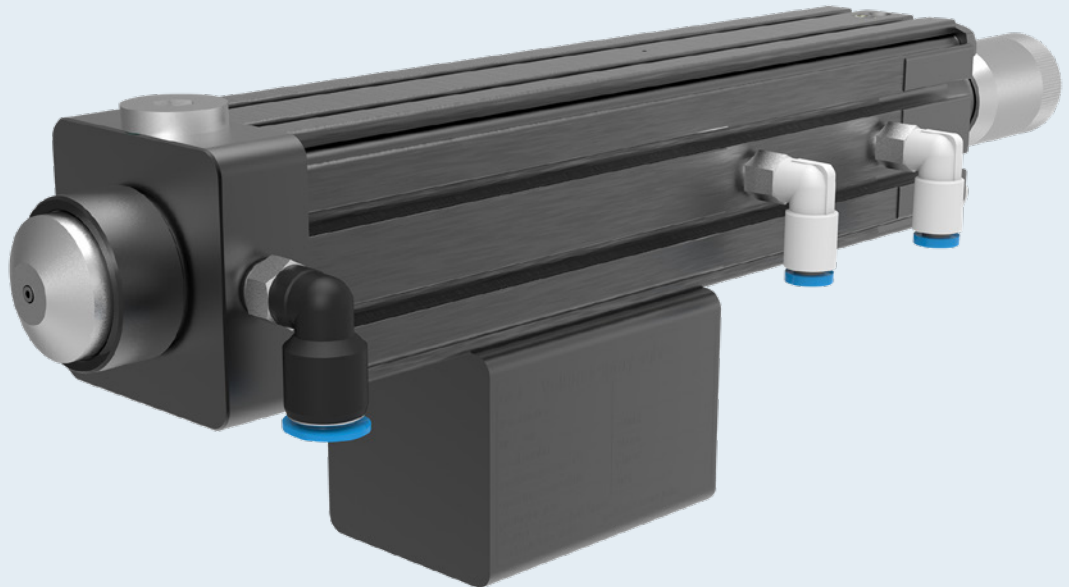


Available
in 4 different
sizes



WSDV Volume Spray Valve

Spray media with precise
quantities in a dosing range
of up to 6 ml

WSDV

Highlights/ Benefit

- Highest process safety also for small spray quantities
- Suitable for inlet pressures of up to 200 [bar]
- Option for realizing a process control in conjunction with the WALTHER Valve Controller

Highest process safety with constant and clean application

WSDV offers highly precise dosing quantities; in only one spraying process!

Spraying or volumetric dosing – why not both? With the Volume Spray Valve WSDV, you can spray viscous media precisely and repeatedly in defined quantities without contact and on larger surfaces. The spray valve comes in four different sizes and allows you to adjust medium volumes of up to 6000 cm³ via an adjusting screw for the pre-set dosing range. Thanks to the volumetric dosing, there are no deviations in the medium characteristics. The special construction of the valve also produces a back suction effect at the end of the spraying process. This will keep the production area clean as there is no dripping before or after. An external 5/2-way valve is used for controlling the WSDV Spray Valve. Atomizer air is controlled by a 3/2-way valve and is independent from controlling the doing piston.

Valves of the WSDV series are characterized by a high reliability and very little maintenance effort: Modern sealing elements guarantee a long life even with high inlet pressures of up to 200 bar. You can use the WSDV for manual application as well as integrated into a fully automated process. Additional accessories for process monitoring are screw-on pressure sensors, a needle stroke sensor or a valve heating.

Follow the
QR-Code for
additional
product info



Technical Data

Inlet pressure (pneumatic)
5,0 to 8,0 [bar]

Inlet pressure (medium)
5 to 200 [bar]

Dosing quantity
VAR „002“: 0 to 0,02 ml
VAR „020“: 0,01 to 0,2 ml
VAR „200“: 0,1 to 2 ml
VAR „600“: 1 to 6 ml

Weight
VAR „002“: 0,180 [kg]
VAR „020“: 0,182 [kg]
VAR „200“: 0,868 [kg]
VAR „600“: 0,891 [kg]

Dimensions (L x W x H)
VAR „002“ 135 x 23 x 51 [mm]
VAR „020“ 135 x 23 x 51 [mm]
VAR „200“ 246 x 36 x 77 [mm]
VAR „600“ 246 x 36 x 77 [mm]

Optional / Accessories



Valve-Controller
Valve controlling



Needle stroke sensor
Process control



Pressure sensor
Valve pressure monitor



5/2-way valve
Control element



Temperature controller
Temperature adjustment



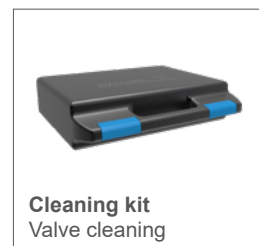
Heating plate
Valve heating



Nozzle / extension
Application image



Tool set
Valve maintenance



Cleaning kit
Valve cleaning

