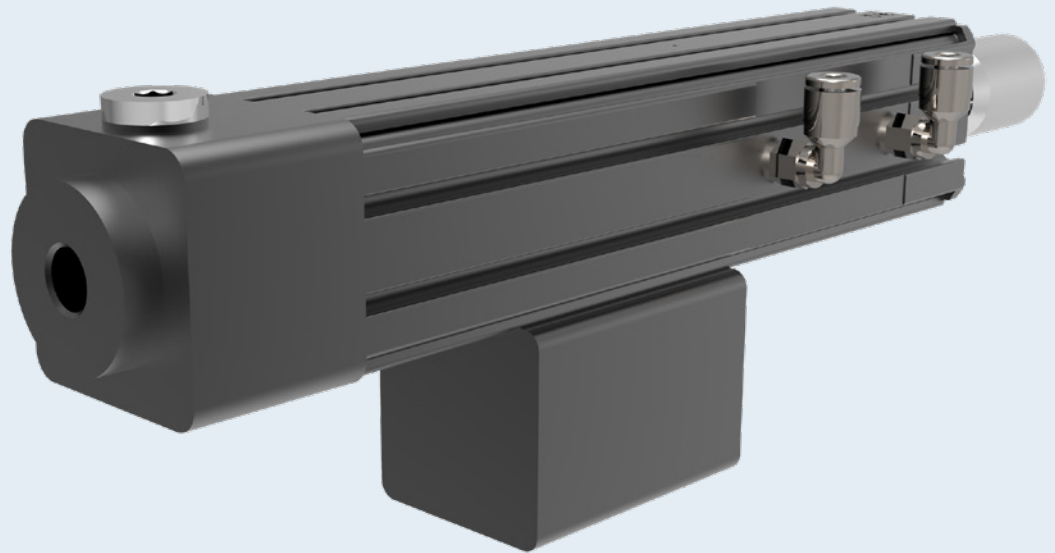


Available in
4 different sizes



WDV Volume- Dosing Valve

Exact application of media
in a dosing range of 0 to 6 ml
with precise quantities

WDV

Highlights / Benefit

- Highest process safety
also for smallest dosing volumes
- Suitable for inlet pressures of up to 200 [bar]
- Optional realization of a process control
in connection with the WALTHER
Valve Controller

Controlled pressure and exactly dosed (smallest) quantities even for complex media

The volumetric Dosing Valve WDV:
your guarantee for highly precise results.

Highest process safety and a consistent and clean application: With the volumetric Dosing valves of the WDV series, you can exactly and precisely apply viscous media with a defined dosing quantity onto your components. Thanks to a precise and clean application and highest repeatability, you will save with every dosing. Particularly for complex, costly media such as special lubricants which can be processed with the WDV valves in NLGI consistency ranges of 0 to 3. The dosing quantity of a volumetric dosing valve can be continuously regulated via a regulating screw in the given dosing range; an external 5/2-way valve is used for controlling. Dosing valves of the WDV series are characterized by a high reliability and little maintenance effort: modern sealing elements such as Glyd rings guarantee a long lifetime even with high inlet pressures of up to 200 bar or media with particles.

Follow the
QR-Code for
additional
product info



Technical Data

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

Inlet pressure (medium)
Max. 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 control



Dosing piston sensor
Process control



Pressure sensor
Valve pressure monitor



5/2-way valve
Control element



Temperature controller
Temperature adjustment



Heating plate
Valve heating



LuerLock adapter
Nozzle extension



LuerLock dosing tip
Application image



Tool set
Valve maintenance



Cleaning kit
Valve cleaning