

SMS-22 Spray Valve

The precisely adjustable
Spray Valve for individual,
clean spraying images

SMS-22

Highlights / Benefit

- Pneumatically supported active closing of the valve needle; more safety for valve lock, also with high process pressures
- Control air can be separately adjusted
- Optional realization of a process control in connection with the WALTHER Valve Controller

Precise setting options, safe needle lock, exact and homogenous application

SMS-22: The universal all-purpose spray valve for multiple spraying applications.

Spraying applications are the most common application forms in all industries. In order to guarantee a proper function of the applied medium, you will need the respective application quality. Spray Valves of the SMS-22 series provide you a solid, proven base for multiple spraying applications; they come with everything for an optimum spraying process: Precise setting options for material flow and spray air as well as exact opening and closing movements of the needle allow a clean cut but also a finely balanced control of the actual spraying process. The valves are suitable for an intermitting or continuous application of low to medium viscous media (e.g., oils, separating agents, paints, greases etc.) and can be controlled through an external, pneumatic 5/2-way valve from the system. Compressed air supports the closing movement of the valve needle which guarantees a safe lock of the nozzle even with high process pressures. Regardless of the status of the control air, atomizer air can be controlled via a separate atomizer air inlet for this series.

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Technical Data

Inlet pressure (medium)
max. 50 [bar]

Inlet pressure (control air)
min. 5 to 6 [bar]











Inlet pressure (atomizer air)
0,5 to 5 [bar]

Dimensions (L x W x H)
131 x 23,5 x 57,5 [mm]

Weight
0,5 [kg]

Nozzle & needle
optionally hardened (kolsterised)

Optional / Accessories

 Valve Controller Vavle control	 Needle stroke sensor Process control	 Pressure sensor Valve pressure monitor	 SAVE Valve needle lock	 Temperature controller Temperature adjustment
 Heating plate Valve heating	 Insulating plate Valve insulation	 Nozzle / extension Application image	 Tool set Valve maintenance	 Cleaning kit Valve cleaning