



MINI DOSING VALVE

DP-K-002-000040 // Dosing valve C-419.01.00
 DP-K-002-000051 // Dosing valve C-450.20.00
 DP-K-002-000060 // Dosing valve C-450.20.03



APPLICATION

The mini dosing valve enables spot application of low to high viscosity media in very small quantities.

DESCRIPTION

The valve consists of two structurally separate parts. This design prevents uncontrolled leakage of the medium into the pneumatic cylinder and thus prevents interference with the valve needle.

The shot volume can be set within a predefined range using the stop screw.

The dispensing cycle is controlled pneumatically or electrically by means of a solenoid valve.

Manual application by hand is just as possible as integration into a fully automated process.

Included is a cannula that is customized.

ADVANTAGES

The mini dosing valve is characterized by high reproducibility, short cycle times and low maintenance requirements.

TECHNICAL DATA

| Type | C-419.01.00 | C-450.20.00 | C-450.20.03 |
|-------------------------|--------------------------|-----------------------------|-----------------------------|
| Dosing quantity | 0.05–1.0 cm ³ | 0.003–0.200 cm ³ | 0.003–0.200 cm ³ |
| Min. material pressure | 3 bar | 3 bar | 3 bar |
| Max. material pressure | 75 bar | 20 bar | 50 bar |
| Material connection | cannula connection | G 1/4" | G 1/4" |
| Length x width x height | 40 x 40 x 299 mm | 35 x 35 x 260 mm | 35 x 35 x 260 mm |
| Weight | 1480 g | 750 g | 750 g |



MINI DOSING VALVE ACCESSORIES



HANDLE

DP-K-002-000020 // pneumatic
DP-K-002-000021 // electric

Handle for dosing valves for manual application.
Available in electric and pneumatic versions.

STROKE MONITORING FOR MINI DOSING VALVE WITH INITIATOR

DP-K-002-000025

STROKE MONITORING 2-FOLD FOR MINI DOSING VALVE WITH INITIATOR

DP-K-002-000027