



GREASE SHOT VALVE FSV02 SINGLE

DP-D-007-000005



APPLICATION

The grease shot valve is used to apply various viscous media from a distance of up to 120 mm.

DESCRIPTION

The FSV02 simple includes a solenoid valve, as well as a micromodule with optimized nozzle and heating with two heating controllers. The material is discharged with perfect tear-off as a point or bead.

The control takes place exclusively via the D+P dosing system.

Available nozzle sizes: Ø 0.21-0.81 mm

ADVANTAGES

The 2-valve shut-off technology enables metering of very small quantities with very short switching times, and the compact design means that the nozzle can be optimally used even in the tightest of spaces.

The valve is splash-proof and has an integrated material filter to ensure permanently clean material discharge.

Mechanical data 348 mm Height 625 mm Depth 273 mm Mounting position any, even overhead Max. pumpable viscosity oils and greases NLGI class 0-3 Application quantity per shot 1-20 cm³ Material temperature max. 120 °C Switching frequency max. 100 Hz Medium inlet pressure 5-68 bar, depending on application – depending on viscosity Order distance max. 120 mm Heating time approx. 5 min Pneumatic air pressure 6 bar, optionally with pressure booster combination Line length control air max. 100 mm Environmental conditions Storage and transport temperature Storage and transport temperature -40-70 °C Working temperature 35-65 °C Ambient temperature -7-50 °C Humidity 50-70 % Material For all work, the material must be brought to the correct processing temperature. Note this temperature when:	TECHNICAL DATA	
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Power supply 240 V AC 50–60 Hz	Electrical data	
	Temperature sensor	PT 100 / 2 conductors
Power heating 240 V: 155 W	Power supply	240 V AC 50-60 Hz
	Power heating	240 V: 155 W