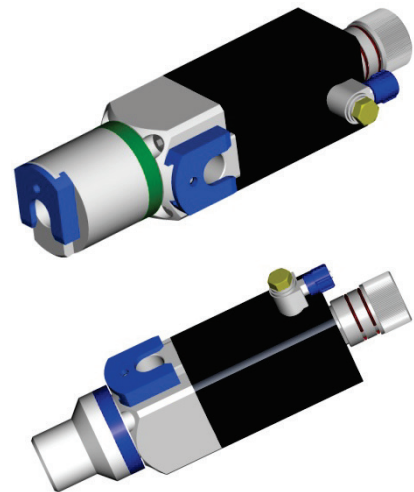


- **Metering valve EP-SV 295241 / EP-SV 295243 with return suction effect suitable for media of up to 10,000 mPas and thixotropic fluids**
- **Metering valve EP- FD-SV 295242 / EP-FD-SV 295244 with return suction effect specially suitable for omniFIT FD 10 surface sealants**
- **Maximum product pressure 3.8 bar**
- **Components in contact with product are PTFE / FPM**
- **Manual stroke adjustment via fine-tuning facility in steps 0.01 mm**



The metering valve is a pneumatically-operated Diaphragm valve with a tapered sealing seat.

Pressurizing the pneumatic cylinder with air at least 4 bar pressure (normal 6 bar) opens the valve; it is closed again by spring force after the control air is shut off.

Inside the body of the valve is a PTFE diaphragm, which protects the metal parts of the pneumatic cylinder from the metered medium.

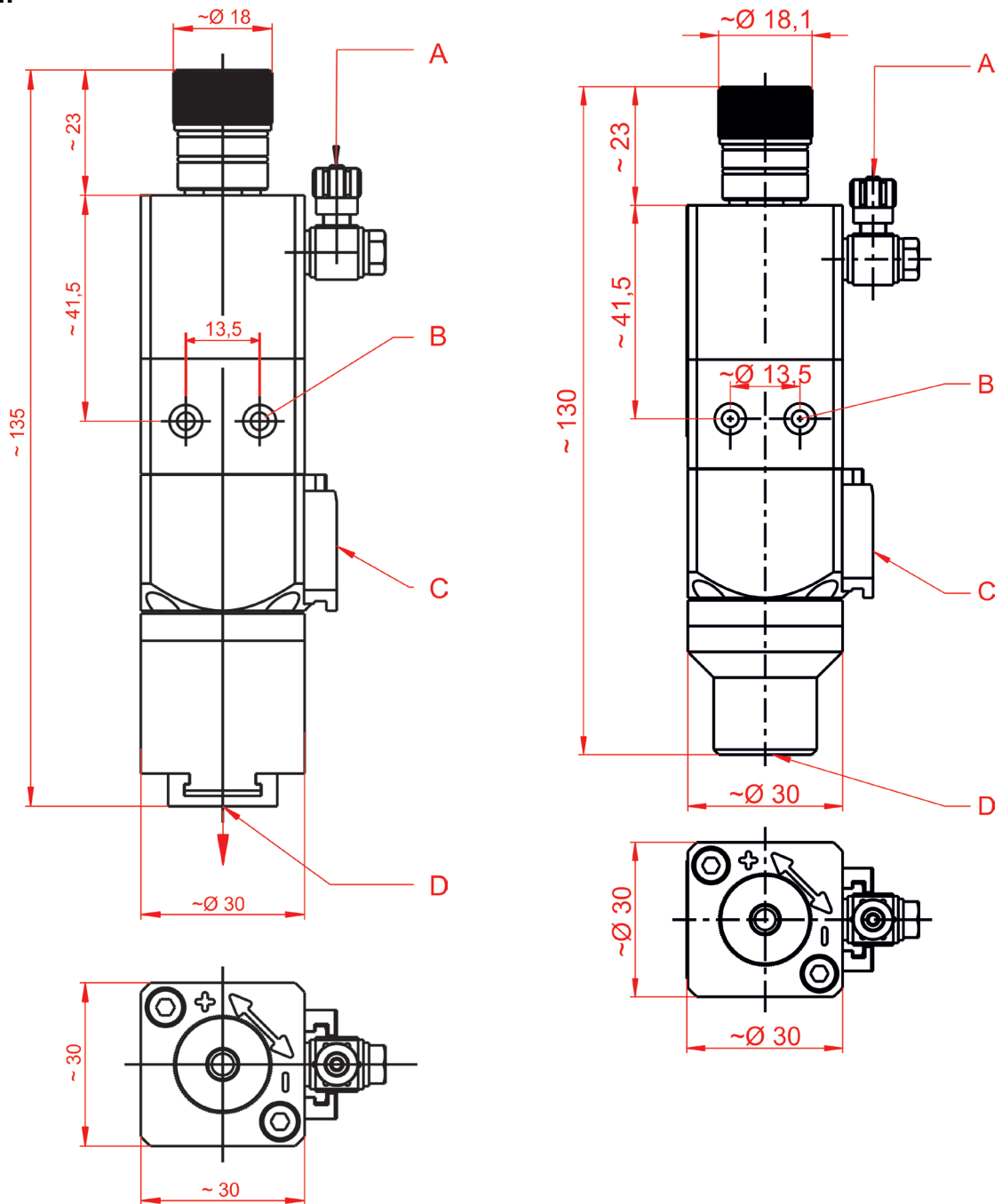
To avoid product hardening in the valve all product wetted parts are made of Teflon.

The product is fed to the metering point by a metering tip.

Technische Daten:

Compressed air requirement	4 - 6 bar
Medium pressure	to 3.8 bar
Product contacting parts	PTFE / FPM
Shortest opening / closing time	0.03 sec.

Dimension:

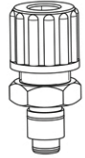
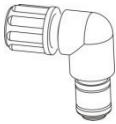


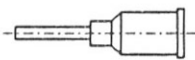


Pos.	Beschreibung
A	Compressed air input max 6 bar
B	Valve fastening, bore diameter 3,5 mm
C	Product input
D	Product output

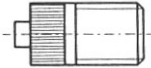

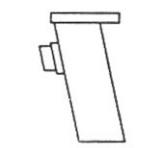
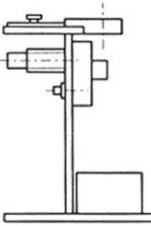
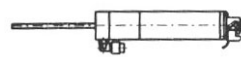
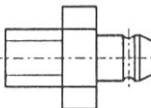
Ordering data:

Article/Nomenclature	Material No.
Metering valve EP-SV with return suction effect	295241
Metering valve EP-FD-SV with return suction effect	295242
Metering valve EP-SV with return suction effect	295243
Metering valve EP-FD-SV with return suction effect	295244

Accessories:

	Article/Nomenclature	Material No.
	Connection components for product input and output, Type EP 295241 / EP-FD-SV 295242 / EP 295243 / EP-FD-SV 295244	
	Hose connection:	
	straight connection, D10.1 – DN 4/6 PA	39524110
	straight connection, D10.1 – DN 6/8 PA	39524112
	angled connection, D10.1 – DN 4/6 PA	39524105
	angled connection, D10.1 – DN 6/8 PA	39524107
	Connection components for product output, Type EP 295243 / EP-FD-SV 295244	
	Head unit PTFE with threaded connection R 1/8"-inside	
	Nozzle Ø 0,8 mm	on request
	Nozzle Ø 1,0 mm	on request
	Nozzle Ø 1,3 mm	on request
	Nozzle Ø 1,6 mm	on request
	Nozzle Ø 2,0 mm	on request
	Nozzle Ø 2,5 mm	on request
	Metering tip PE soft:	
	Size 0 length – 41 mm	415701145
	Size 0.5 length – 51 mm	1...5232
	Size 1.0 length – 60 mm	415701147
	Size 1.0 length – 60 mm „Luer-Lock“	415701148
	Size 1.5 length – 90 mm	295250
	Metal metering tip:	
	Metering needle Di = 1.62 mm length 12.7 mm,	on request
	Metering needle Di = 1.37 mm length 12.7 mm,	on request
	Metering needle Di = 1.00 mm length 12.7 mm,	on request
	Metering needle Di = 0.78 mm length 12.7 mm,	on request
	Metering needle Di = 0.50 mm length 12.7 mm,	on request
	Metering needle Di = 0.40 mm length 12.7 mm,	on request
	Metering needle Di = 0.31 mm length 12.7 mm,	on request

Accessories:

	Article/Nomenclature	Material No.
	Adapter POM „Luer-Lock“ R1/8“- external, for metering tips PE soft and metal metering tips	415703251
	Connection clamp adapter PTFE R 1/8“-external, for metering tip extensions and metering tips PE soft	295253
	Grab handle piece, electric Grab handle piece, pneumatic Adaptor plate is required in addition	295312 1...9064 on request
	Screw fix and seal unit completely assembled	on request
	Rotary spray gun Integra Ø 30; 9,000 rpm Rotary spray gun Multi Ø 30; 9,500 rpm	295056 295037
	Concentric nozzle size from Ø 2 mm to Ø 30 mm	