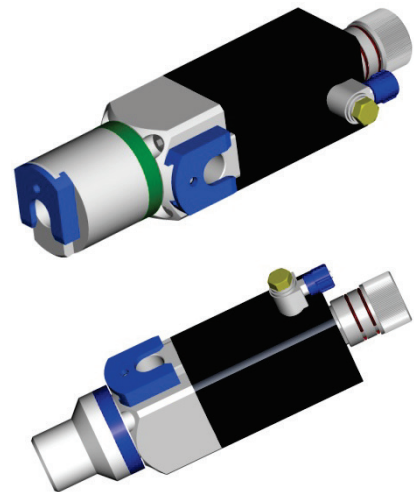


- **Metering valve EP-SV 295241 / EP-SV 295243**  
with return suction effect suitable for media  
of up to 10,000 mPas and thixotropic fluids
- **Metering valve EP- FD-SV 295242 /**  
**EP-FD-SV 295244** with return suction effect  
specially suitable for omniFIT FD 10  
surface sealants
- **Maximum 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.

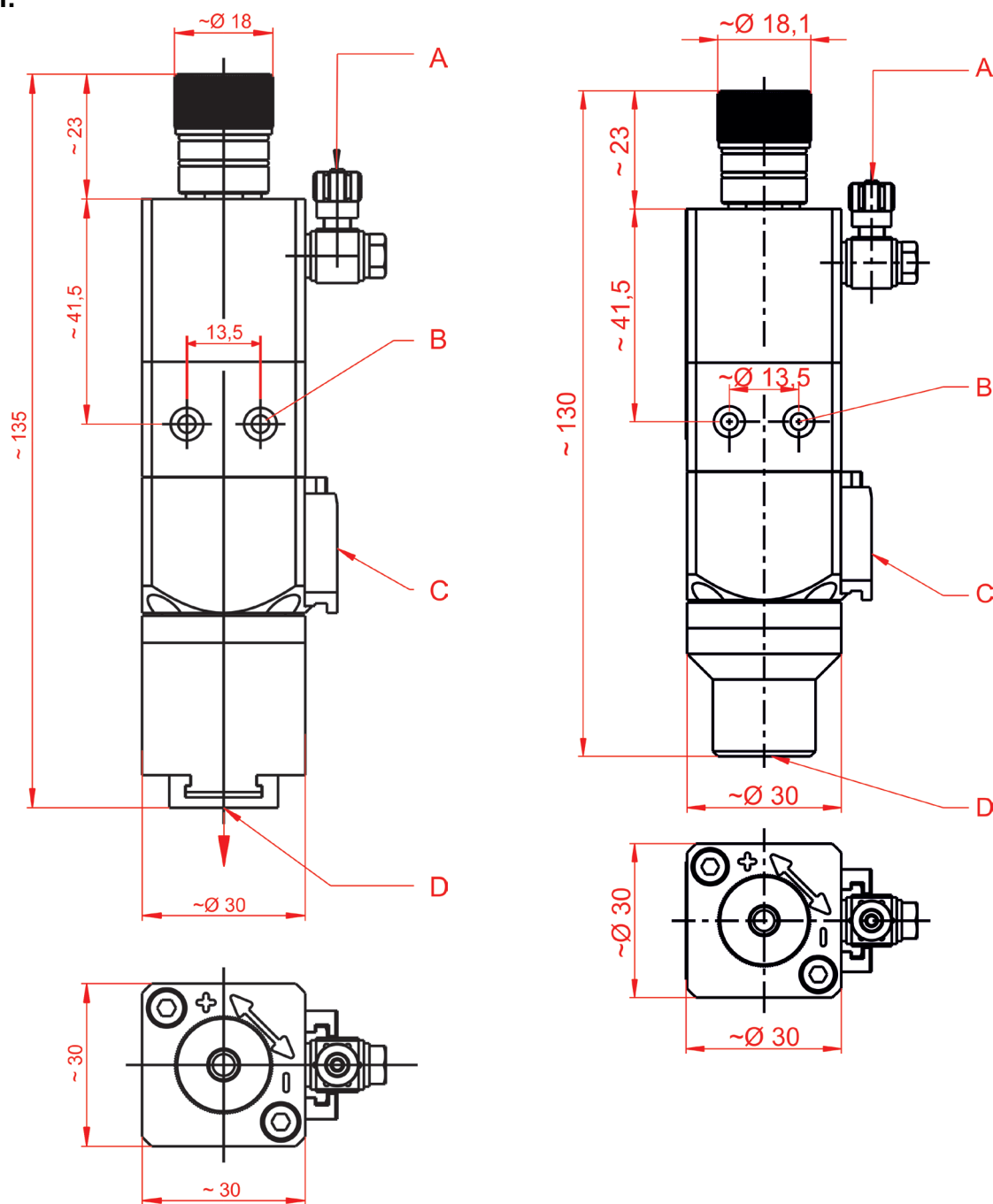
Inside the body of the valve is a PTFE diaphragm, which protects the metal parts of the pneumatic cylinder from the metered medium.

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
<b>A</b>	Compressed air input max 6 bar
<b>B</b>	Valve fastening, bore diameter 3,5 mm
<b>C</b>	Product input
<b>D</b>	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