



The pumps listed on this data sheet represent a cross-section of the large number of possibilities for each pump type. Based on our modular pump design, all pumps can be customised exactly to meet the needs of your application - within days and at standard pricing. Please contact us for details.



SP 125 FZ

## Product Features

- High efficiency for mobile devices
- Smallest size and low weight
- Suitable for any mounting orientation
- Durable design, oil-free and maintenance-free
- Linear performance characteristic
- Low vibration and sound level

## Typical Applications

- Exhaust and flue gas analysis
- Personal gas detectors
- Gas sampling
- Patient monitoring
- Pipetting



TYPE	SP 125 FZ
Operating Voltage [Vdc]	4,5
Art. No.	7s20278
max. Nominal Current [mA]	175
<b>PERFORMANCE</b>	
max. Flow [l/min]	0,75
max. Pressure [bar]	0,05
max. Vacuum [mbar]	-50
<b>MOTOR</b>	
Standard Motor	coreless
Standard Bearings	sintered bearings
Motor Connection	2 wires
Optional Motor	n/a
Optional Bearings	n/a
<b>MATERIALS</b>	
Standard Pump Head	KH graphite + TP
Optional Pump Head	n/a
<b>PNEUMATIC CONNECTION</b>	
Standard Connectors	straight connectors
Optional Connectors	n/a
<b>DIMENSIONS + WEIGHT</b>	
Dimensions [mm] W x H x L	15,3 x 15,3 x 35,5
Weight [g]	13,5

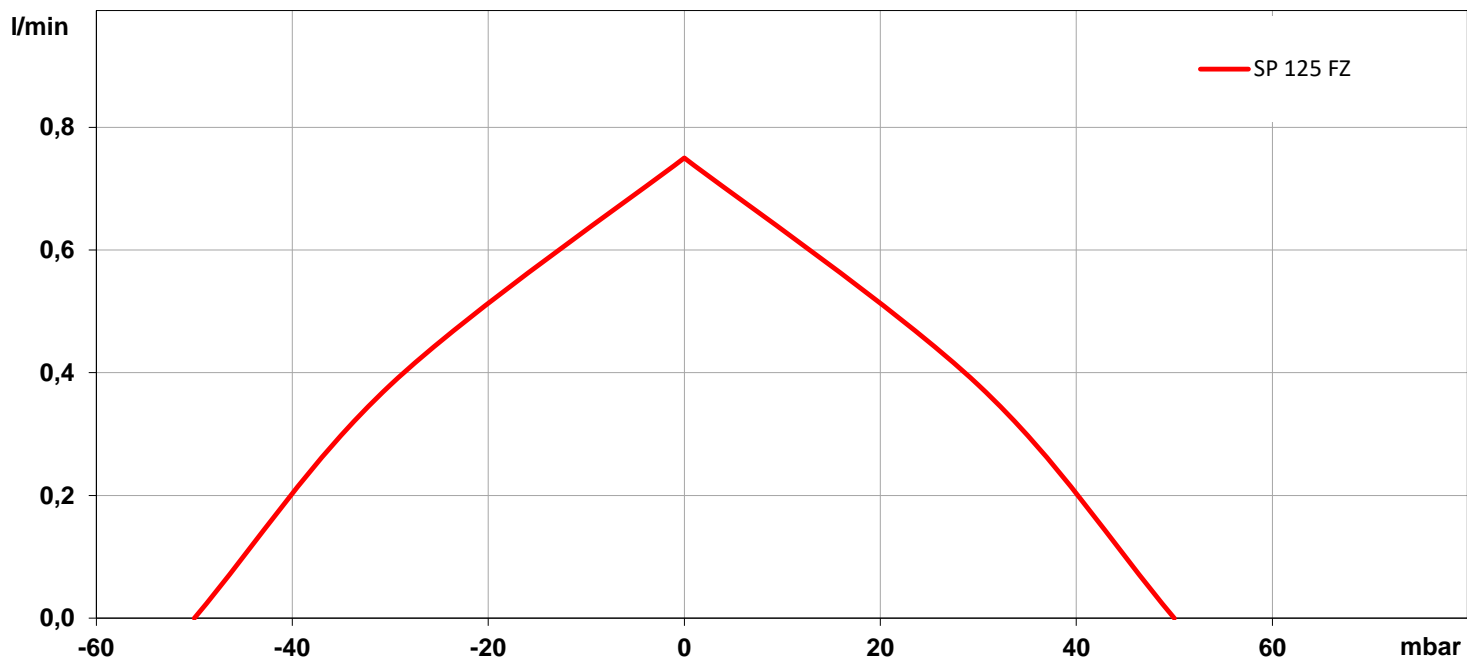
Flow values are subject to the standard conditions specified in DIN 1343. The use of other materials may cause deviations in performance values. The technical data shown on this data sheet represents the typical mean values achieved by the products in our standard testing procedure. All data provided is for information only and does not represent production values.

Standard products are subject to

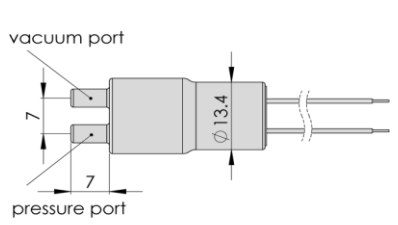
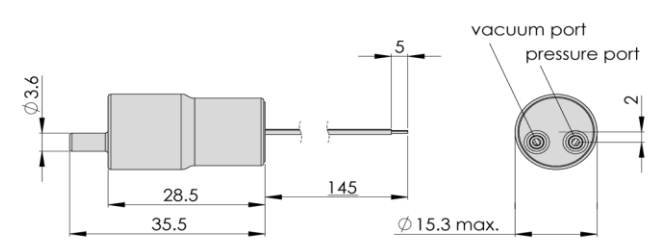
13.04.2022



PERFORMANCE DIAGRAM | SP 125 FZ



DRAWING | SP 125 FZ



3D CAD Data:

- ▶ Download STEP
- ▶ Download IGES

You can also download the 3D CAD files from the SP website:  
 ▶ [www.schwarzer.com/download](http://www.schwarzer.com/download)

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 Standard products are subject to change without notice.

13.04.2022