

SP 100 SA-VD

We care.

Customised Pumps - No Additional Costs!

Product Features

- Vibrating diaphragm pump for gases
- Applicable as pressure or vacuum pump
- High efficiency
- Available in common supply voltages (AC and DC)
- Oil-free
- Maintenance-free
- Very long life
- Very cost effective

Application Examples

Particularly suitable for stationary devices such as:

- Gas monitoring
- Fluid level indicators
- Laboratory equipment
- Pipetting devices
- Industrial applications

Customisation

- We offer your customised precision pump without additional costs - even for small batches
- Outstanding quality - Made in Germany
- Excellent technical consultation and service by experts
- More than 40 years experience in pump applications
- Fast delivery - order your sample now!



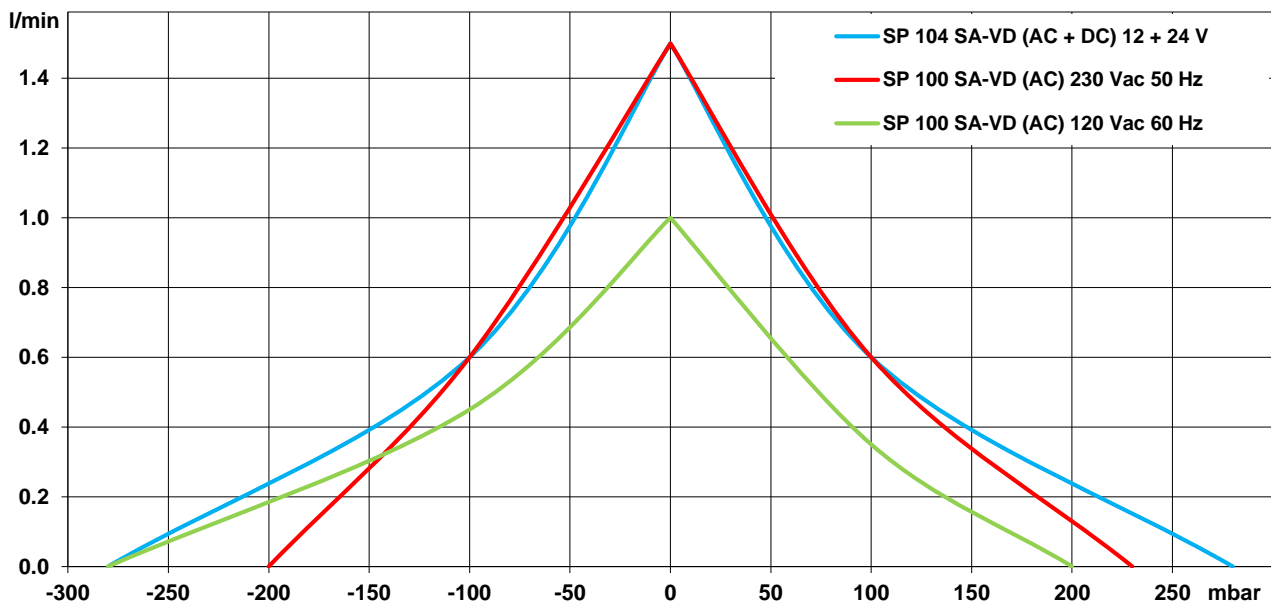
Schwarzer
Precision

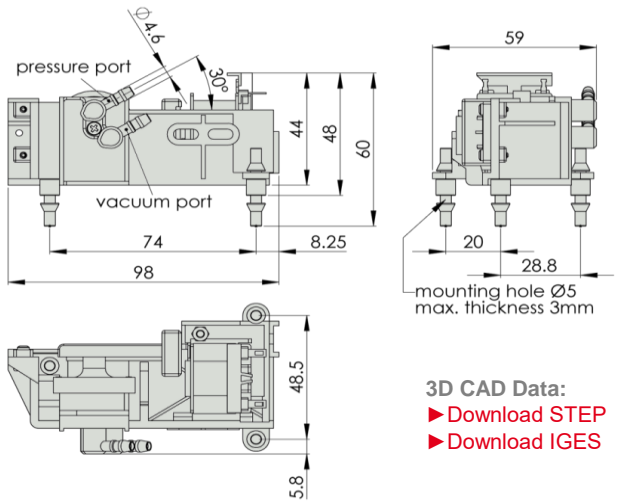


The pumps listed below represent a typical selection of our wide range of eccentric pumps and are intended for initial tests. **Customised versions** for your individual application would be made without additional costs - please contact us! All flow values given under norm conditions (according to DIN 1343). Optional materials can cause deviating performance values.

Designation	SP 100 SA-VD (AC)				SP 100 SA-VD (DC)		
Operating Voltage [Vac]	230	120	24	12	-	-	
Frequency [Hz]	50	60	50	50	-	-	
Operating Voltage [Vdc]	-	-	-	-	24	12	
Art. No.	7s09046	7s09047	7s09048	7s09049	7s09069	7s09059	
Pneumatic Performance							
Free Flow [l/min]	1.5	1.0	1.5	1.5	1.5	1.5	
Pressure Side							
Flow at 100 mbar [l/min]	0.6	0.35	0.6	0.6	0.6	0.6	
max. Pressure [mbar]	230	200	280	280	280	280	
Vacuum Side							
Flow at -100 mbar [l/min]	0.6	0.45	0.6	0.6	0.6	0.6	
max. Vacuum [mbar]	-200	-280	-280	-280	-280	-280	
Motor / Power Consumption							
Motor Type	Electromagnetic						
Power Consumption [W]	2.5	2.5	2.5	2.5	2.5	2.5	
Construction							
Diaphragm / Seal	standard					EPDM / NR	
	optional					-	
Valves	standard					CR	
	optional					-	
Weight [g]					170		

Performance Curves



**SP 100 SA-VD****Installation Notes**

In order to minimise noise and vibration we recommend securing the pump in one of the following ways:

- with rubber mounting (see "Accessories")
- with padded double sided adhesive tape
- with Velcro (hook and loop) tape for easy assembly and service
- Put the pump in a box lined with foam. Motor wires and tubing for the pump can lead through a hole in the side of the box.

Accessories

Schwarzer Precision offers a comprehensive portfolio of pump accessories such as:

- mountings
- silencers + filters
- electronics
- check valves + pressure switches