



SP 104 SA

#### Product Features

- oil free
- maintenance free
- reduced vibrations
- very low noise
- cost effective
- very long life
- all voltages possible

#### Applications

- Stationary Gas Monitoring
- Fluid Level Indicators
- Laboratory Equipment
- Pipetting Devices
- Industrial Applications



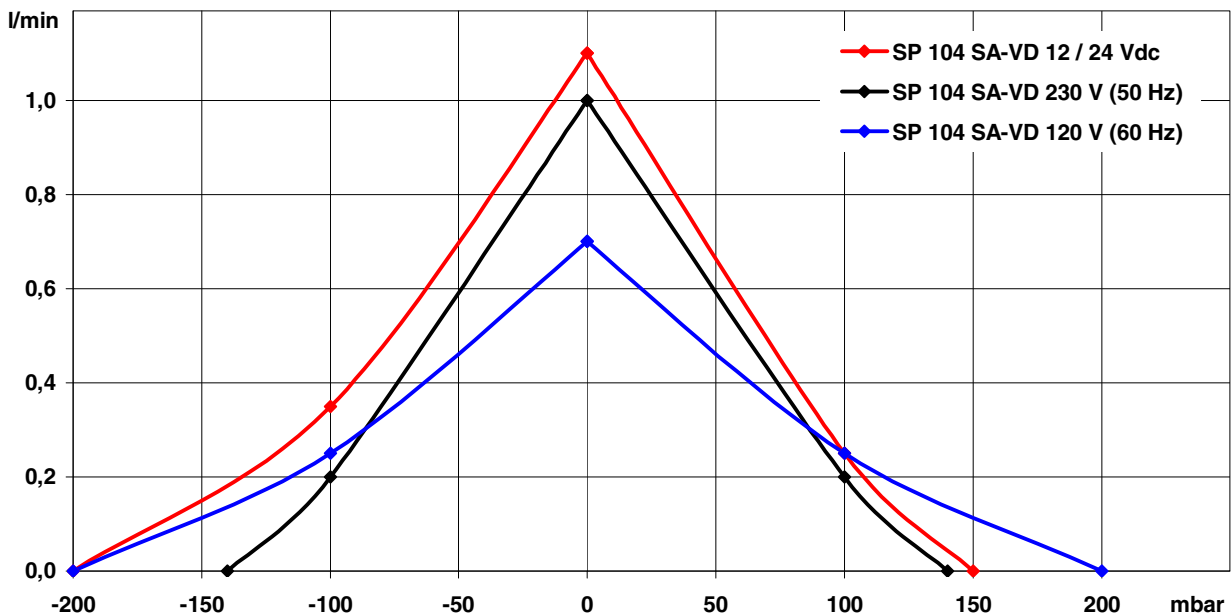
Schwarzer  
Precision



These pumps are our standard models. For special requirements we are offering customised versions. Please contact us!

Designation		SP 104 SA-VD					
Operating Voltage	230 V (50 Hz)	120 V (60 Hz)	24 V (50 Hz)	12 V (50 Hz)	24 Vdc	12 Vdc	
Art.No.	7s01020	7s01021	7s01022	7s01023	7s01024	7s01026	
Pneumatic Performance							
Free Flow [l/min]	1,0	0,7	1,1	1,1	1,1	1,1	
flow at:		Pressure Side					
100 mbar [l/min]	0,20	0,25	0,35	0,35	0,25	0,25	
max. Pressure [mbar]	140	200	200	200	150	150	
flow at:		Vacuum Side					
-100 mbar [l/min]	0,20	0,25	0,35	0,35	0,35	0,35	
max. Vacuum [mbar]	-140	-200	-200	-200	-200	-200	
Motor / Power Consumption							
Motor Type	Electromagnetic						
Power Consumption	2,5 W	2,5 W	2,5 W	2,5 W	2,5 W	2,5 W	
Construction							
Diaphragm / Seal	EPDM						
Valves	CR						
standard	-						
optional	-						
Weight [g]	240						

**Performance Curves**





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