



Schwarzer
Präzision

Eccenter-Diaphragm-Pumps for Gas SP 500 EC Series

oil free
maintenance free
reduced vibrations
quiet
small
lightweight
minimal current consumption



Blood Pressure
Anaesthesia
Gas Detectors
Personal Safety Devices
Pneumatics
Exhaust Gas Analysers
Pipetting Devices

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www.schwarzer.com



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 extra costs - please contact us.

Designation Art.No. 4,5 Vdc Art.No. 12 Vdc	SP 500 EC-LC		SP 550 EC
	7.51.03	7.51.10	7.51.50

Pneumatic Performance

free flow [ml/min]	1360	1800	1700
flow at		Pressure Side:	
100 mbar [ml/min]	610	960	950
max. Pressure [mbar]	310	550	370
flow at		Vacuum Side:	
-100 mbar [ml/min]	540	840	800
max. Vacuum [mbar]	310	460	330

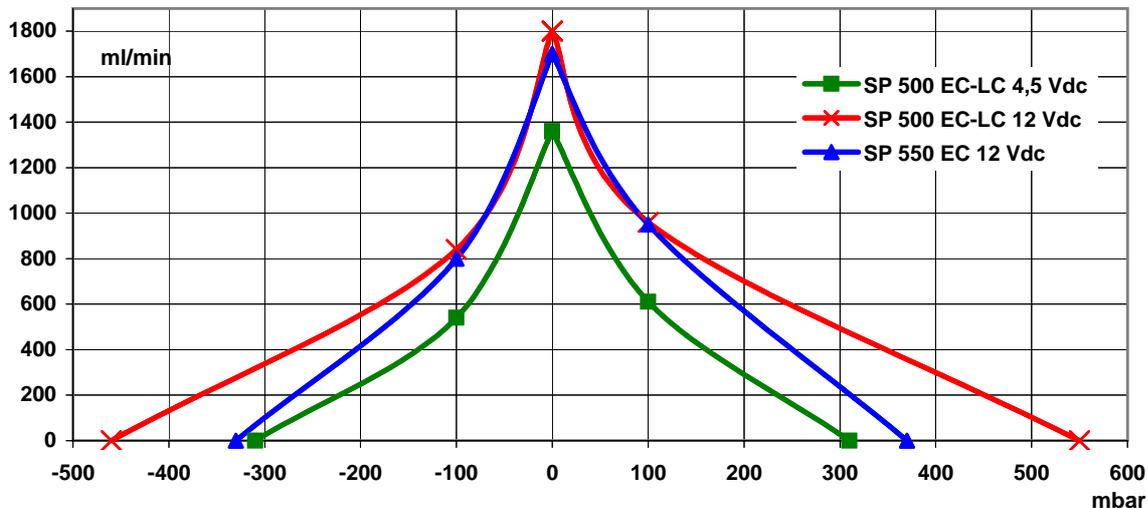
Power Consumption

Motor Type	iron core	iron core	skew wound
option			double ball bearings / brushless
max. current [mA]	110	70	65

Material

Pump Head	Standard	PPS	PPS	PPS
	Optional	PA6	PA6	PA6
Diaphragm, Valves	Standard	EPDM	EPDM	EPDM
	Optional	Viton	Viton	Viton

Performance Curves

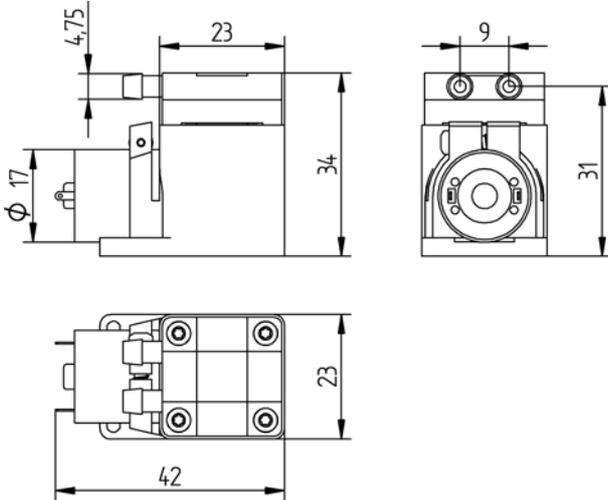


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Drawings

SP 500 EC-LC



SP 550 EC SP 550 EC-DB

