

SP 570 EC-LC-L



SP 570 EC-BL-L



SP 570 EC-L

Product Features

- no oil lubricants / no maintenance
- highly robust design
- self priming
- high flow despite small size
- chemical resistant materials available
- various mounting options
- run dry capability
- feedback signal available with brushless motor version

Applications

- Industrial and Commercial
- Medical and Biomedical
- Dental
- Laboratory and Analytical
- Fuel-cell
- Environmental
- Heating, Ventilation and Air Conditioning
- Cleaning Industry
- Reprography
- Sterilization



Schwarzer
Precision



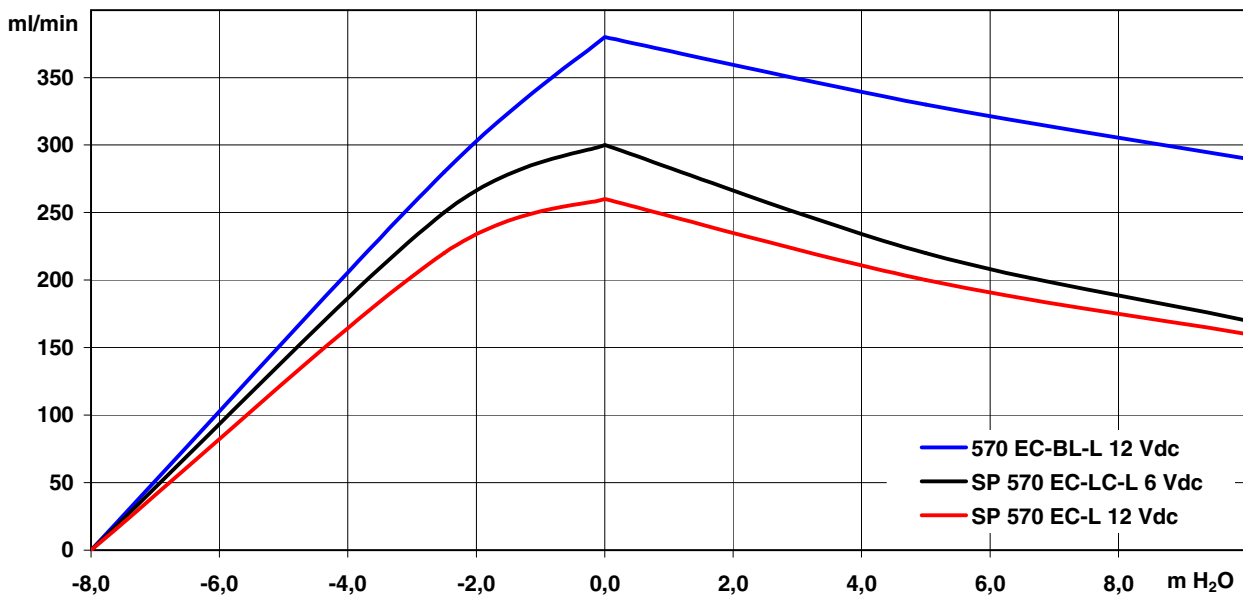
The pumps listed below represent a typical selection of our wide range of eccentric pumps and are intended for initial tests. Customised versions for your individual application would be made without extra costs - please contact us!

Designation	SP 570 EC-LC-L		SP 570 EC-L		SP 570 EC-BL-L ⁽²⁾	
Operating Voltage ⁽¹⁾	6 Vdc	12 Vdc	12 Vdc	24 Vdc	12 Vdc	24 Vdc
Art.No.	7s58060	7s58061	7s58070	7s58071	7s58090	7s58091
Hydraulic Performance (measured with water)						
Free Flow [ml/min]	300	300	260	260	380	380
Flow at 5 mWC [ml/min]	220	220	200	200	330	330
Flow at 10 mWC [ml/min]	170	170	160	160	290	290
Max Press. Height [m H ₂ O]	10,0	10,0	10,0	10,0	10,0	10,0
Max Vacuum (dry) [mbar]	-300	-300	-350	-350	-390	-390
Flow at -2,5 mWC [ml/min]	250	250	220	220	280	280
Max Suction Height (filled with water) [m H ₂ O]	-8,0	-8,0	-8,0	-8,0	-8,0	-8,0
Power Consumption						
Motor Type	iron core		skew wound		brushless	
standard	-		double ball bearings		-	
optional						
max. curr. at free flow [mA]	550	250	150	100	350	200
Construction						
Pump Body / Head	PPS					
standard	Customer specific (upon request)					
optional						
Diaphragm, Valves	EPDM					
standard	FKM / Silicone / FFKM					
optional						
Weight [g]	55		53		60	

⁽¹⁾ other voltages on request

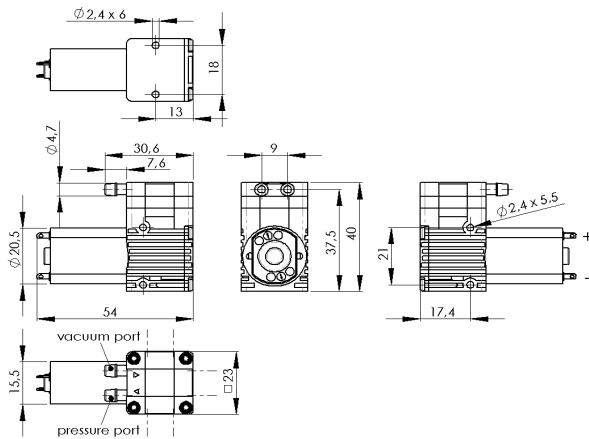
⁽²⁾ Adjustable Control Voltage 1-5 Vdc, max. Control Voltage 12 Vdc

Performance Curves

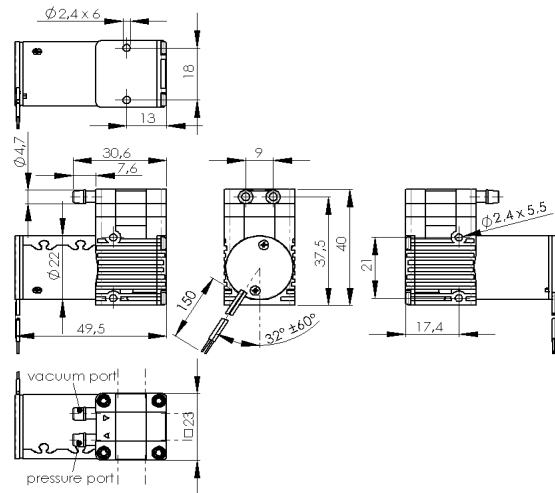




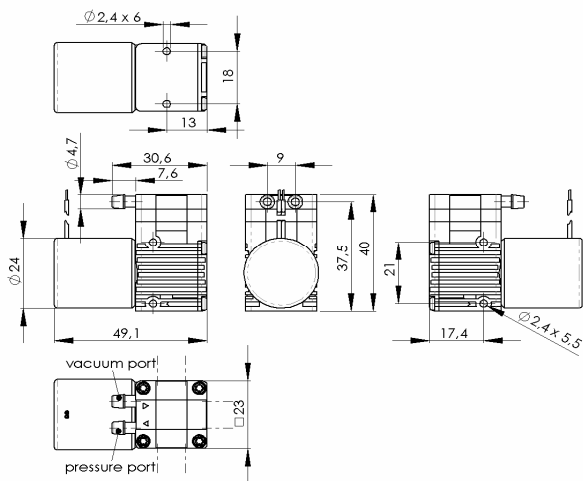
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Standard: connection ports as shown
Optional: 3 other port positions possible (see dashed lines)