



Schwarzer
Precision

Eccentric-Diaphragm-Pumps for Gas SP 600 EC Series - One Head

Product Features:

- oil free
- maintenance free
- reduced vibrations
- low noise
- small size
- lightweight
- minimal current consumption



SP600EC-LC



SP670EC



SP600EC



SP670EC-LC

Applications:

- Blood Pressure
- Anaesthesia
- Gas Detectors
- Pneumatics
- Exhaust Gas Analysers
- Pipetting Devices
- Autosamplers

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Eccentric-Diaphragm-Pumps for Gas

SP 600 EC Series - One Head

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 600 EC-LC	SP 600 EC	SP 670 EC	SP 670 EC-LC
Art.No. 6 Vdc		7.52.14	7.52.52	
Art.No. 12 Vdc	7.52.00	7.52.26	7.52.50	7.52.54
Art.No. 24 Vdc	7.52.01	7.52.16	7.52.51	7.52.53

Pneumatic Performance

	at: 12 Vdc		24 Vdc		6 Vdc		12 Vdc		24 Vdc		6 Vdc		12 Vdc		24 Vdc	
free flow [ml/min]	2150	2150	2660	2030	2030	5200	4600	4600	6500	6500						
flow at:	Pressure side:															
100 mbar [ml/min]	1500	1360	1660	1430	1430	3000	2660	2660	3660	4330						
max. Pressure [mbar]	1400	1400	1200	1200	1200	630	630	630	700	700						
	measured with EPDM															
flow at:	Vacuum side:															
-100 mbar [ml/min]	1200	1160	1430	1160	1160	2330	2160	2160	2830	3330						
max. Vacuum [mbar]	550	550	540	540	540	450	450	450	440	440						
	measured with EPDM															

Power Consumption

Motor Type	Iron Core DC Motor with Electromagnetic Suppression brushless									Iron Core DC		
optional												
max. current [mA]	260	170	510	230	130	770	385	190	690	345		

Material

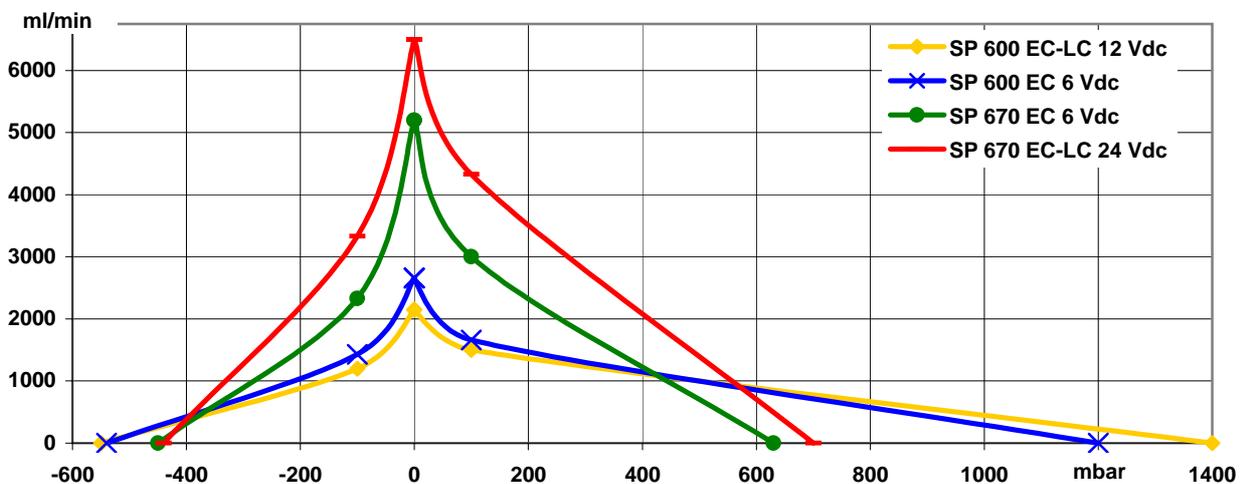
Pump Head

Standard	PA6	Optional	PA6 customer specific - upon request
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Diaphragm, Valves

Standard	EPDM	Optional	Viton
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Performance Curves

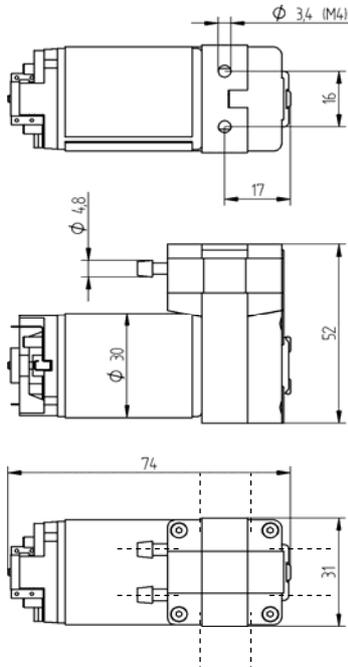


Drawings

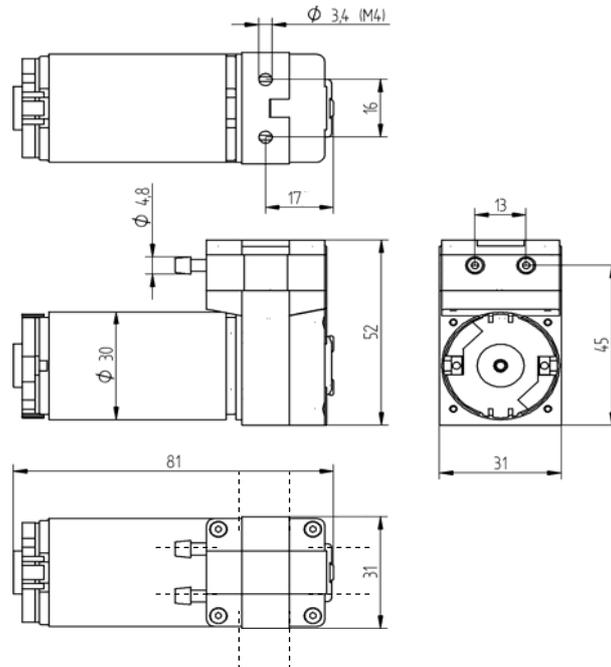
Standard: connection ports as shown

Optional: 3 other positions possible (see dashed lines)

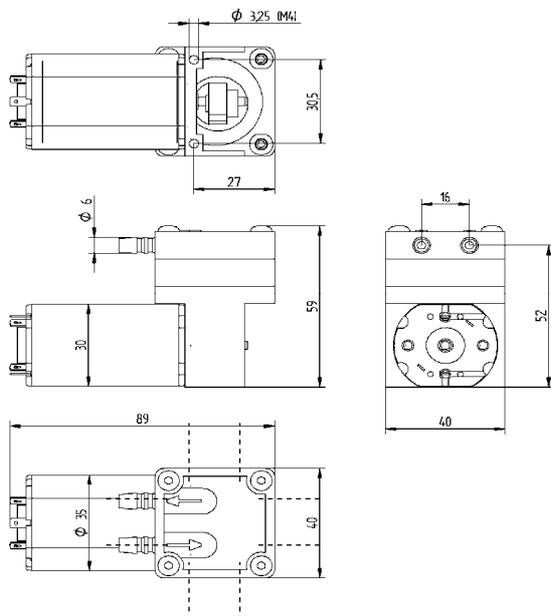
SP 600 EC-LC



SP 600 EC



SP 670 EC-LC



SP 670 EC

