



Schwarzer
Präzision

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

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



SP600EC-LC



SP670EC



SP670EC-LC



SP600EC

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

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Eccenter-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	7.52.15	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	1250	1200	630	630	600	520	640	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	550	530	450	450	450	440	440	measured with EPDM					

Power Consumption

Motor Type	Iron Core DC Motor with Electromagnetic Suppression brushless									Iron Core DC	
optional	260	170	510	230	130	650	275	140	580	320	
max. current [mA]	260	170	510	230	130	650	275	140	580	320	

Material

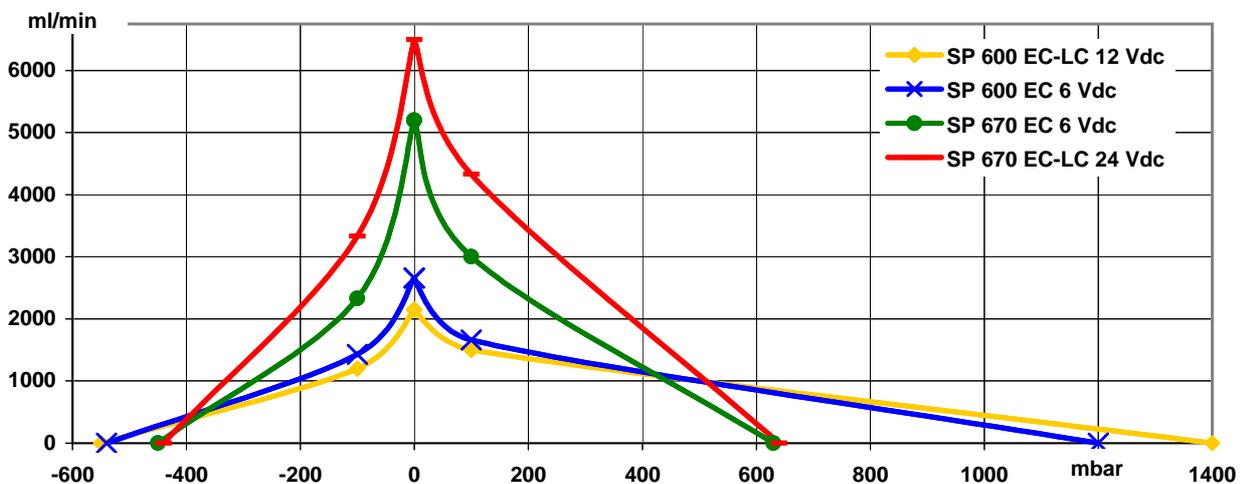
Pump Head

Standard	PA6	PA6	PA6	PA6
Optional		customer specific - upon request		

Diaphragm, Valves

Standard	EPDM	EPDM	EPDM	EPDM
Optional	Viton	Viton	Viton	Viton

Performance Curves





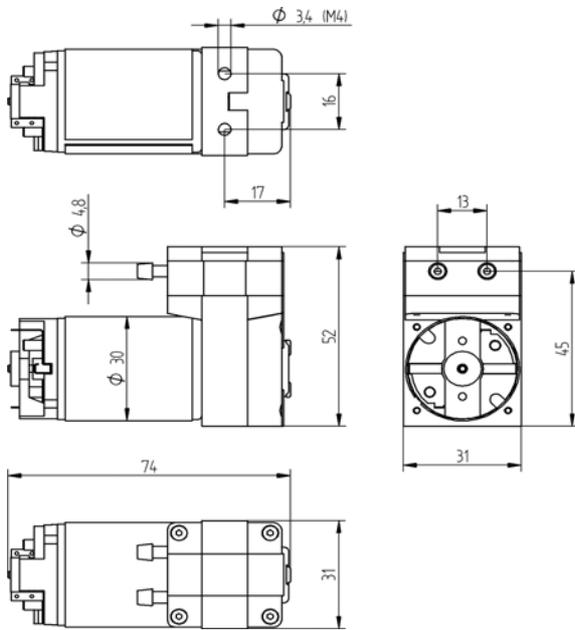
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Eccenter-Diaphragm-Pumps for Gas

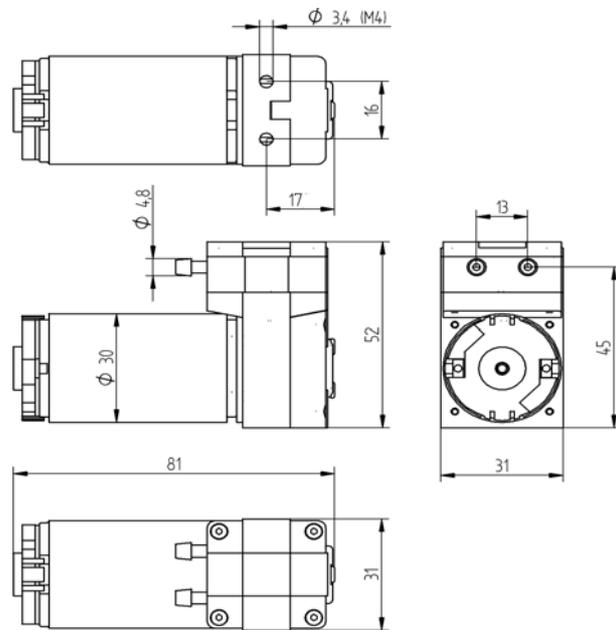
SP 600 EC Series - One Head

Drawings

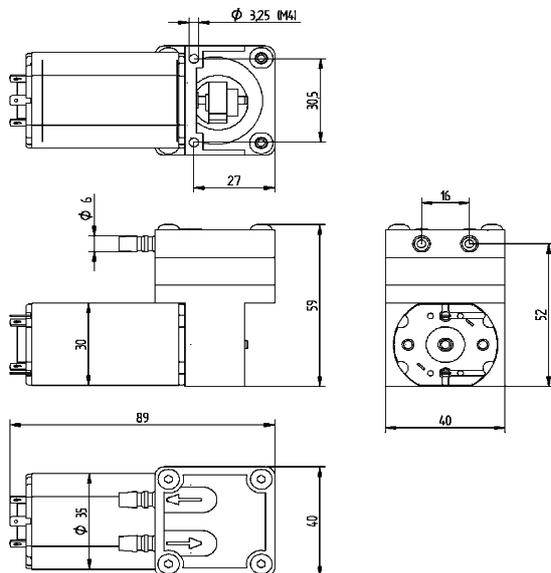
SP 600 EC-LC



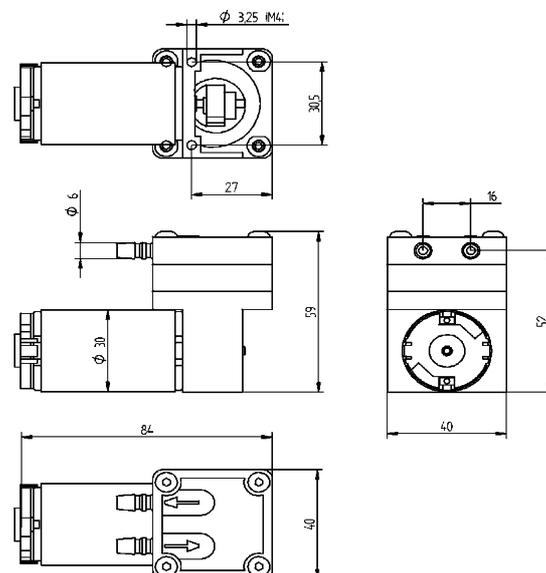
SP 600 EC



SP 670 EC-LC



SP 670 EC



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