



SP 670 EC



SP 670 EC-LC

Product Features

- diaphragm mini pump for air and gas
- single stage vacuum and pressure pump
- electric motor driven, oil free
- available in 6 / 12 / 24 volt dc
- minimal current consumption
- oil free / maintenance free
- reduced vibrations
- low noise
- virtually leak tight
- lightweight

Applications

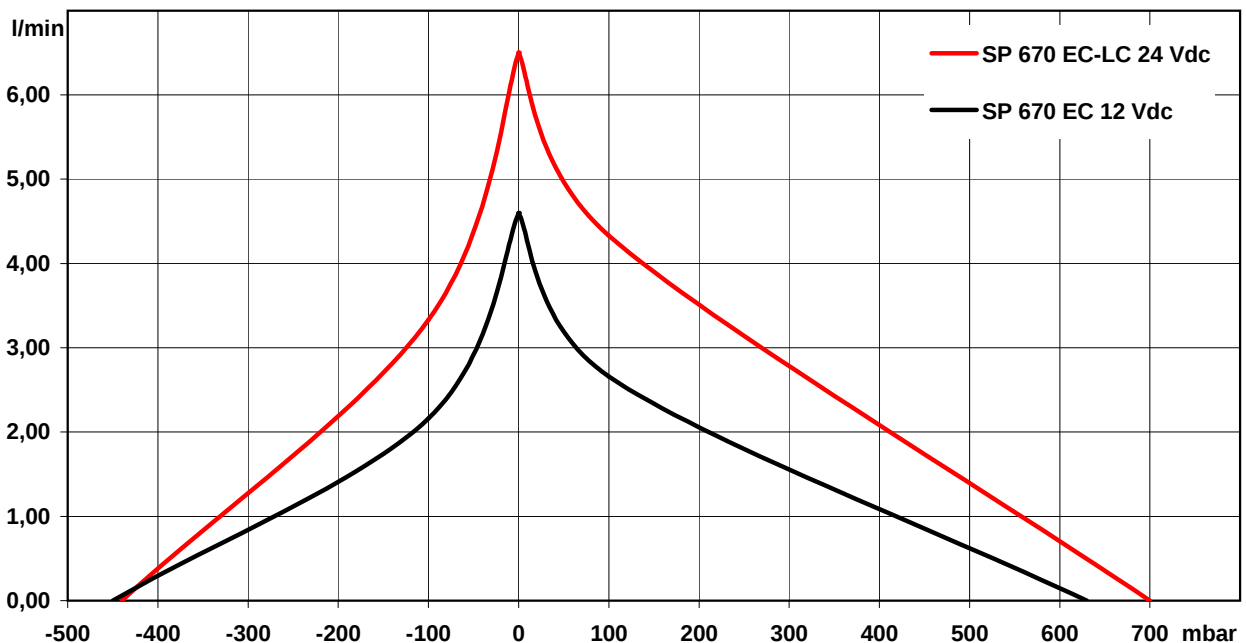
- Stationary gas analyzers / gas monitors
- Anaesthesia monitoring
- Gas detectors
- Exhaust gas analysers
- Autosamplers
- Pipetting devices
- Blood pressure monitoring
- Dental vacuum pump
- Industrial pressure and vacuum applications
- Random access analyzers



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!

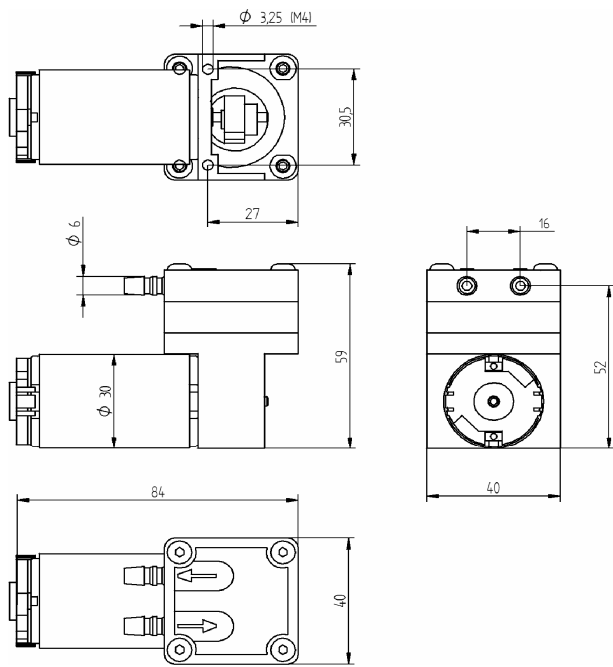
Designation	SP 670 EC		SP 670 EC-LC	
Operating Voltage	12 Vdc	24 Vdc	12 Vdc	24 Vdc
Art.-No.	7s52050	7s52051	7s52054	7s52053
Pneumatic Performance				
Free Flow [l/min]	4,6	4,6	6,5	6,5
flow at:				
100 mbar [l/min]	2,66	2,66	3,66	4,33
max. Pressure [mbar]	630	630	700	700
flow at:				
-100 mbar [l/min]	2,16	2,16	2,83	3,33
max. Vacuum [mbar]	-450	-450	-440	-440
Motor / Power Consumption				
Motor Type	Iron Core DC Motor with Electromagnetic Suppression		Iron Core DC	
	standard	brushless	-	-
max. Current [mA]	385	190	690	345
Construction				
Pump Head	standard	PPS		
	optional	customer specific - upon request		
Diaphragm, Valves	standard	EPDM		
	optional	FPM (Viton)		
Weight [g]	205		225	

Performance Curves

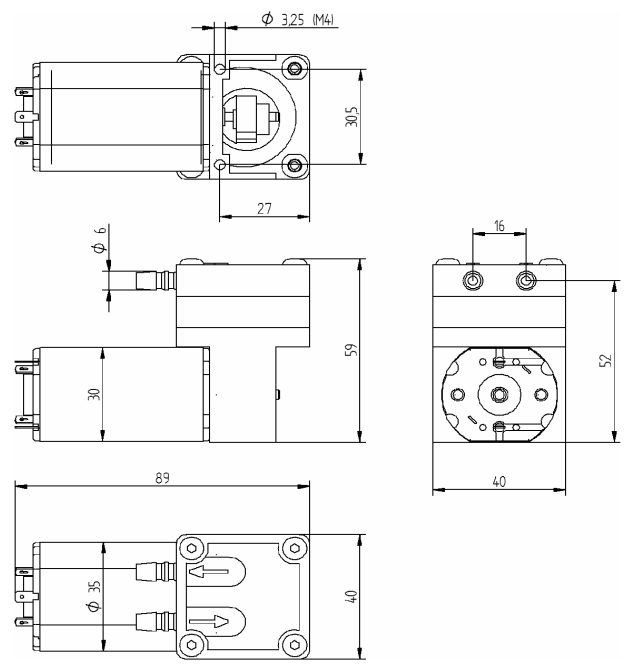




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Standard: connection ports as shown. Optional: 3 other port positions possible (see dashed lines)