



Schwarzer
Präzision

Eccenter-Diaphragm-Pumps for Liquids SP 200 EC-L and SP 500 EC-L Series

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



industrial
medical
laboratory and analytical
cooling and heating
cleaning

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Eccenter-Diaphragm-Pumps for Liquids

SP 200 EC-L and SP 500 EC-L Series

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 200 EC-L	SP 200 EC-LC-L	SP 270 EC-LC-L	SP 500 EC-LC-L	SP 550 EC-L
Art.No. 4,5 Vdc				7.51.90	
Art.No. 6 Vdc	7.55.91	7.55.90			
Art.No. 12 Vdc			7.55.79	7.51.91	7.56.09
Art.No. 24 Vdc					7.56.13

Hydraulic Performance (measured with water)

free flow [ml/min]	100	100	110	110	100	120	160
Pressure side:							
max. pressure height* [Meters Water Column]	> 10	> 10	> 10	8,0	7,0	> 10	> 10
Suction side:							
max. suction height [Meters Water Column]	2,7	2,8	2,5	2,8	2,0	2,6	2,6

*(although the pumps are able to produce pressure above 10 mWC, it is not recommended to exceed this limit)

Power Consumption

Motor Tye	standard	skew wound	Iron Core DC				skew wound	
	option		brushless / double ball bearings					
max. current [mA]		100	240	100	200	80	75	90

Material

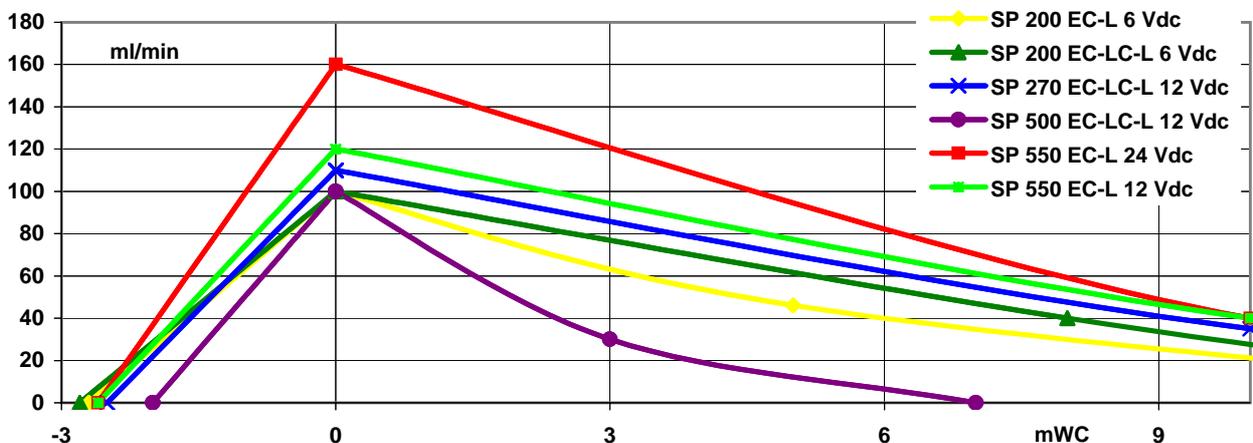
Pump Body/Head

Standard	PPS	PPS	PPS	PPS	PPS
Optional	PA6	PA6	PA6	PA6	PA6

Diaphragm, Valves

Optional	EPDM	EPDM	EPDM	EPDM	EPDM
	Viton	Viton	Viton	Viton	Viton

Performance Curves

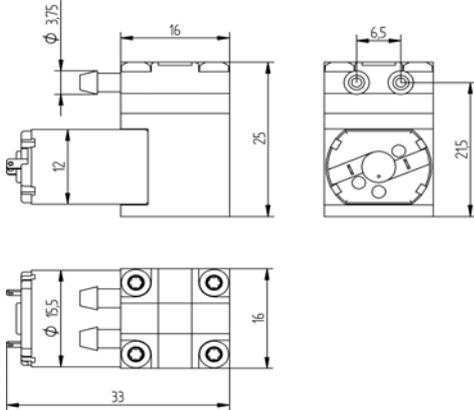


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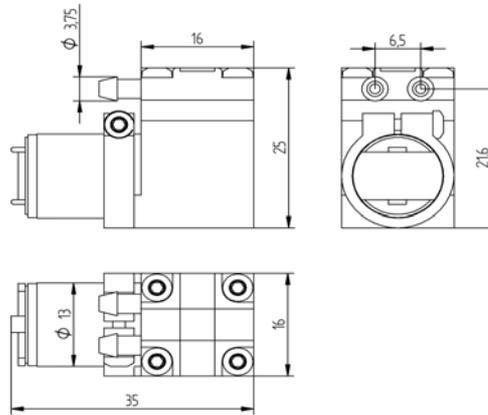


Drawings

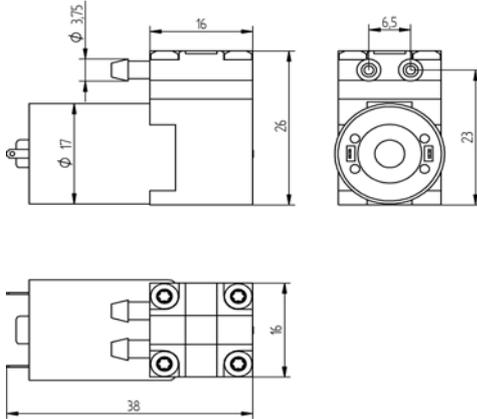
SP 200 EC-LC-L



SP 200 EC-L



SP 270 EC-LC-L



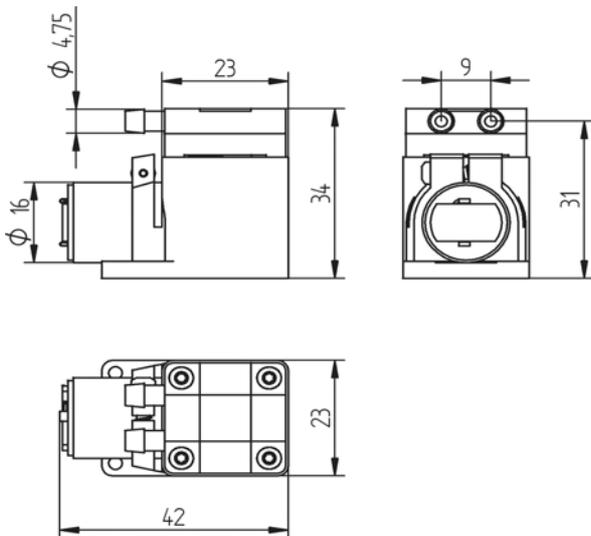
Mounting

For mounting the SP 200 EC-LC-L and the SP 270 EC-LC-L a special metal clip is available

Art.No.: 5.58.14



SP 550 EC-L



SP 500 EC-LC-L

