SP 620 / 622 EC-BL-DU-L

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Product Features

- diaphragm mini pump für liquids (e.g. water)
- delivers two different media at the same time
- vacuum and pressure pump
- self priming
- leak tight
- minimal current consumtion
- oil free / maintenace free
- reduced vibrations
- low noise
- lightweight

Applications

- Industrial Applications
- Medical Applications
- Laboratory and Analytical Applications
- Cooling and Heating
- Cleaning
- Random Access Analyzers

Schwarzer Precision

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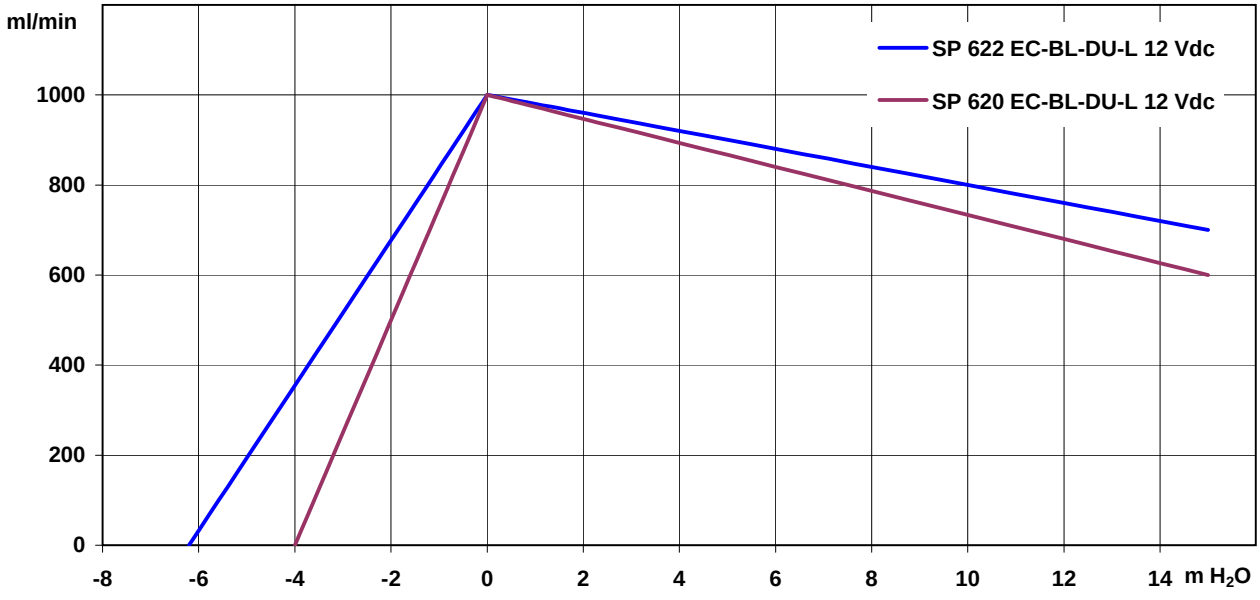
The pumps listed below represent a typical selection of our wide range of eccentric pumps and are intended for initial tests.
Customised versions for your individual application would be made without extra costs - please contact us!

Designation	SP 620 EC-BL-DU-L		SP 622 EC-BL-DU-L	
Operating Voltage	12 Vdc	24 Vdc	12 Vdc	24 Vdc
Art.No.	7s57104	7s57105	7s57174	7s57175
Hydraulic Performance (measured with water @ 20°) parallel				
Free Flow [ml/min]	1000	1000	1000	1000
Flow @ 15m H_2O [ml/min]	600	600	700	700
Max Press. Height [m H_2O]	> 15	> 15	> 15	> 15
	Although the pumps are able to produce pressure above 15 mWC, it is not recommended to exceed this limit!			
Max Vacuum (dry) [mbar]	-250	-250	-300	-300
Max Suction Height (filled with water) [m H_2O]	-4,0	-4,0	-6,2	-6,2
Power Consumption				
Motor Type				
standard	Long life brushless with ball bearings, 2 wire version (analog input)		Long life brushless with ball bearings, 4 wire version (analog or PWM control input)	
optional	4 wire version (analog or PWM control input) with hall sensors for external electronics		with hall sensor for external electronics	
max Curr. at free flow [mA]	700	400	1000	570
Construction				
Pump Body / Head				
standard	PPS			
optional	customer specific - upon request			
Diaphragm, Valves				
standard	EPDM			
optional	FKM / FFKM / PTFE			
Weight [g]	315		203	

Performance Curves



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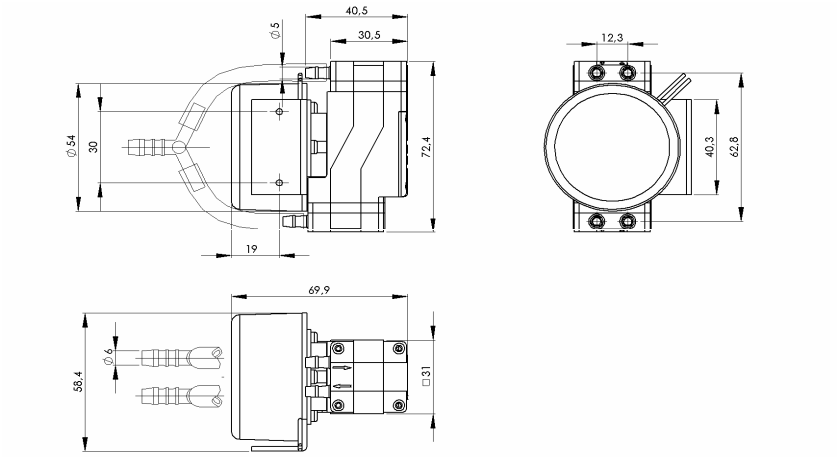

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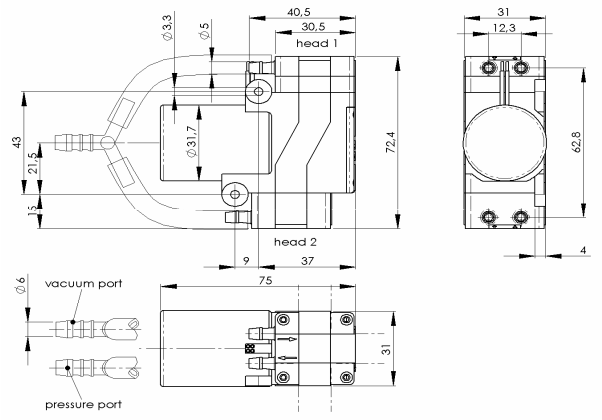
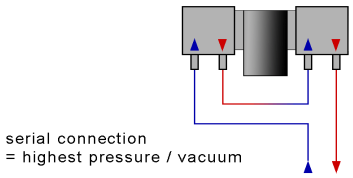
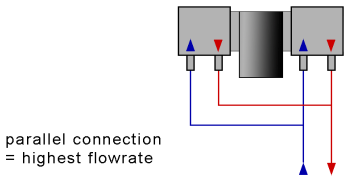


Standard: connection ports as shown. Optional: 3 other port positions possible (see dashed lines)





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