



Schwarzer
Präzision

Eccenter-Diaphragm-Pumps for Liquids SP V 700 EC-L Series

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



SP V 700 EC-L (DC)



SP V 750 EC-L (DC)



SP V 700 EC-L (AC)



SP V 750 EC-L (AC)

industrial
medical
laboratory and analytical
cooling and heating
cleaning

Steeler Strasse 477, 45276 Essen, Germany
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Designation	SP V 700 EC-L				SP V 750 EC-L			
Art.No. 12 Vdc	7.53.23				7.53.36			
Art.No. 24 Vdc	7.53.21							
Art.No. 230V/50Hz	7.53.24				7.53.39			
Art.No. 120V/60Hz	7.53.25							

These pumps are our standard models. For special requirements we are offering customised versions. Please contact us.

Hydraulic Performance (measured with water)

	at:							
	12 Vdc	24 Vdc	230V 50Hz	120V 60Hz	12 Vdc	230V / 50 Hz		
					ser.	par.	ser.	par.
free flow [ml/min]	625	650	600	600	550	1000	600	1100
Pressure Side:								
max. pressure height* [Meters Water Column]	>10	>10	>10	>10	>10	>10	>10	>10
Suction Side:								
max. suction height [Meters Water Column]	4,5	4,5	4,5	4,5	7,0	4,5	7,0	4,50

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

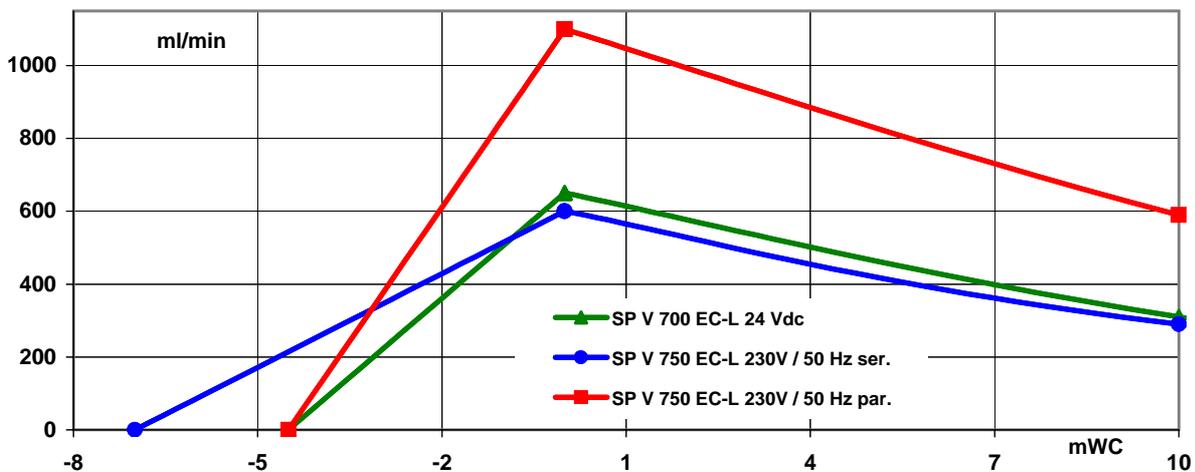
Power Consumption

Motor Type	Skew Wound DC		Shaded Pole		Skew Wound DC		Shaded Pole	
max. current [mA]	800	500	330	740	2000		420	

Material

	Standard/Optional				Standard/Optional			
Pump Head	PPS/Nylon				PPS/Nylon			
Diaphragm	Viton / EPDM				Viton / EPDM			
Valves	Viton				Viton			
Seal	Silicone/Viton				Silicone/Viton			

Performance Curves

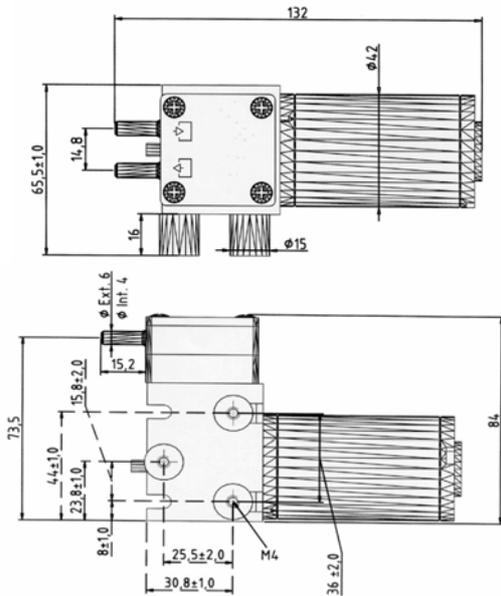


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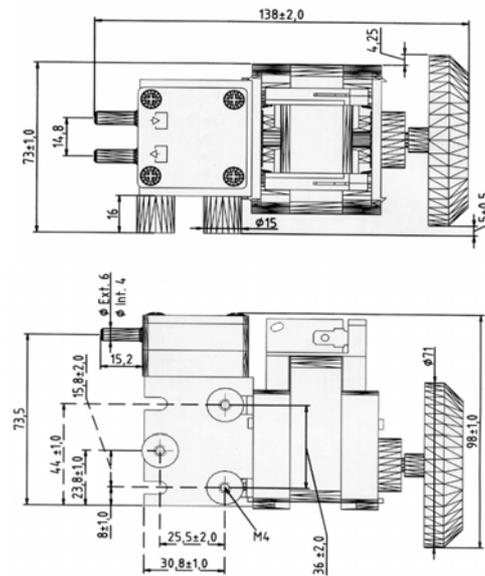


Drawings

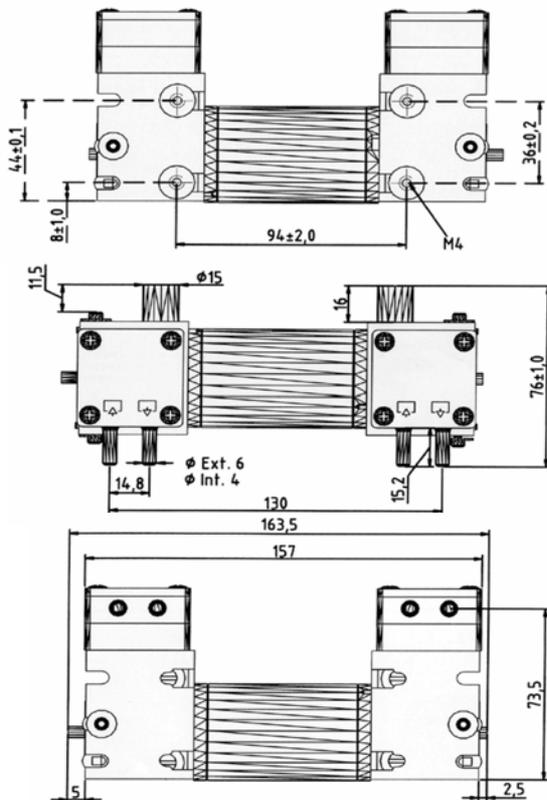
SP V 700 EC-L (DC)



SP V 700 EC-L (AC)



SP V 750 EC-L (DC)



SP V 750 EC-L (AC)

