



Schwarzer
Precision

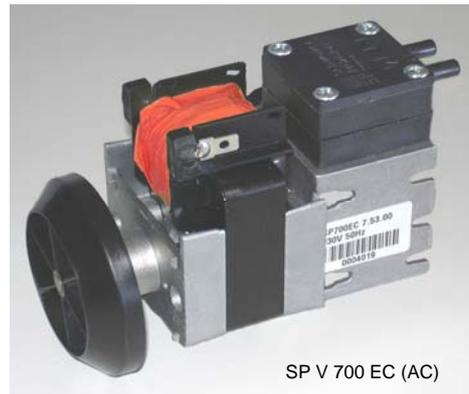
Eccentric-Diaphragm-Pumps for Gas SP V 700 EC Series - One Head

Product Features:

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



SP V 700 EC (DC)



SP V 700 EC (AC)



SP V 770 EC (AC)

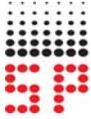


SP V 770 EC (DC)

Applications:

- Autoclaves
- Air Brush
- Gas Detectors
- Cooling
- Pneumatics
- Medical
- Air Beds

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Designation	SP V 700 EC					SP V 770 EC				
Art.No. 12 Vdc	7.53.05					7.53.53				
Art.No. 24 Vdc		7.53.03					7.53.52			
Art.No. 24V/50-60Hz			7.53.02							
Art.No. 230V/50Hz				7.53.00				7.53.50		
Art.No. 120V/60Hz					7.53.01				7.53.51	

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

Pneumatic Performance

	at:	12 Vdc	24 Vdc	24V 50-60Hz	230V 50Hz	120V 60Hz	12 Vdc	24 Vdc	230V 50Hz	120V 60Hz
free flow [l/min]		7,5	8,0	6,0	6,0	7,0	16,0	17,0	18,0	19,0
flow at:										
500 mbar [l/min]		5,2	5,2	4,1	4,1	4,8	9,5	10,0	11,5	12,5
max. Pressure [mbar]		1500	1500	1500	1500	1500	1350	1350	1500	1500
flow at:										
-260 mbar [l/min]		4,8	4,8	3,8	3,8	4,4	9,0	9,0	9,5	9,5
max. Vacuum [mbar]		800	800	800	800	800	840	840	810	810

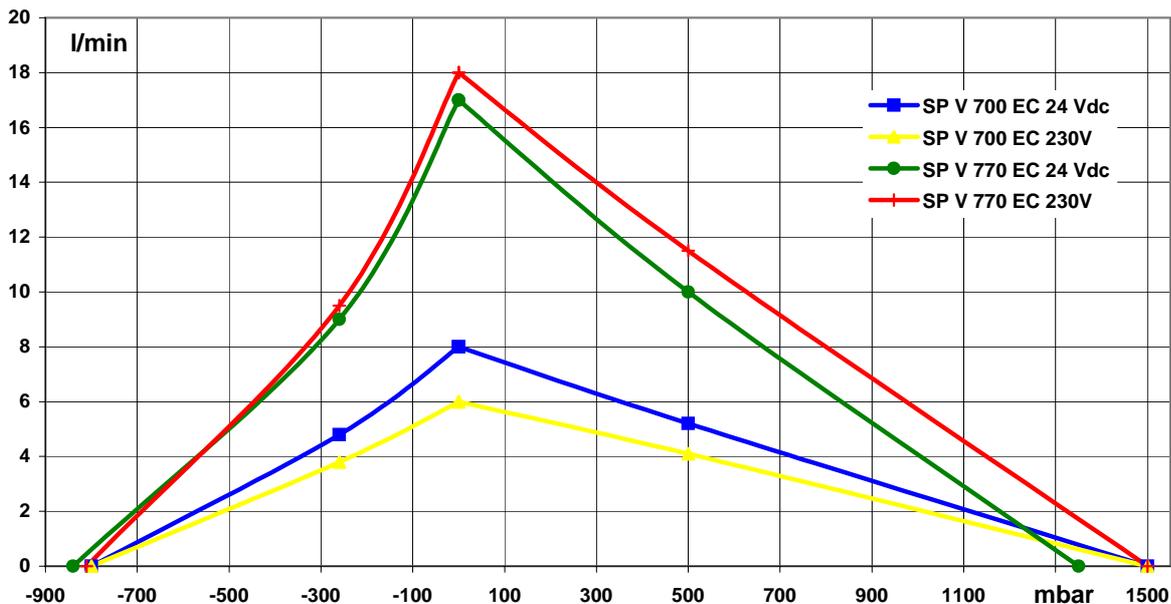
Power Consumption

Motor Type	Iron Core DC			Shaded Pole			Iron Core DC		Shaded Pole	
max. current [mA]	800	500	3200	330	740		2300	1400	550	1150
Power consumption [W]			38 at 50Hz	36,5	45,5				73,0	

Material

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

Performance Curves



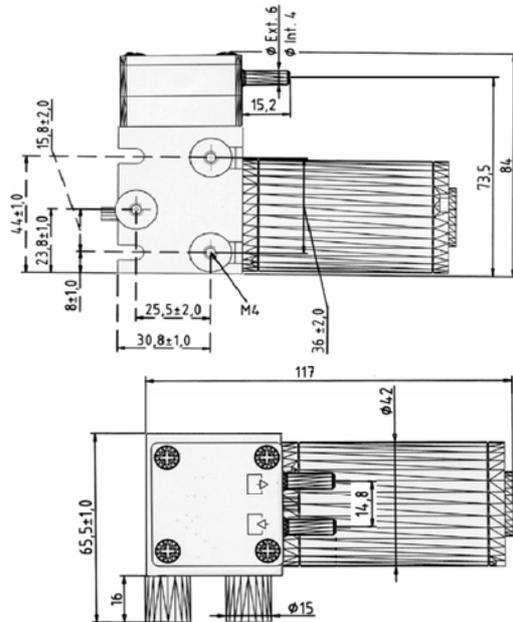


Eccentric-Diaphragm-Pumps for Gas

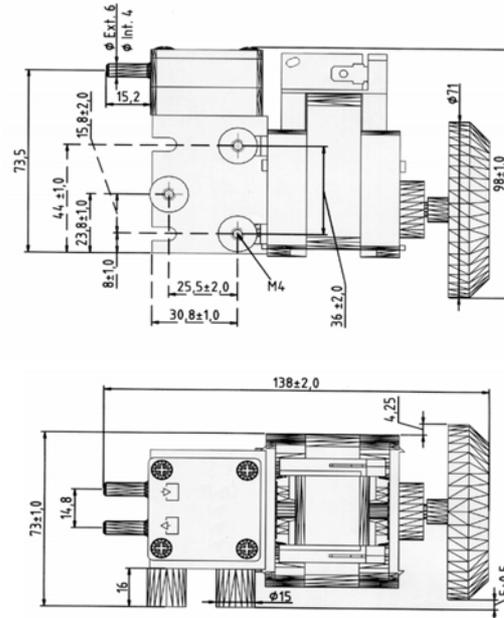
SP V 700 EC Series - One Head

Drawings

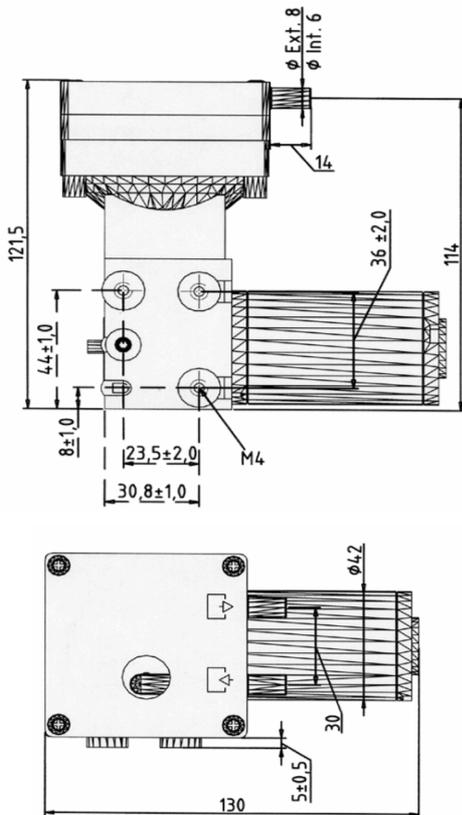
SP V 700 EC (DC)



SP V 700 EC (AC)



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