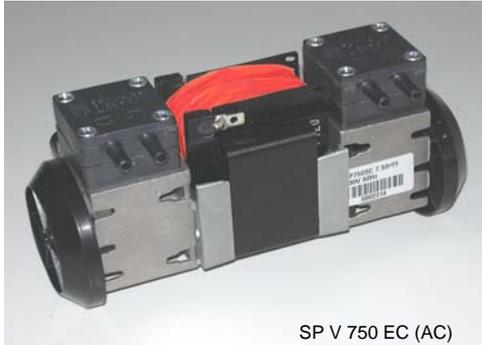




Schwarzer
Präzision

Eccenter-Diaphragm-Pumps for Gas SP V 700 EC Series - Two Heads

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



SP V 750 EC (AC)



SP V 792 EC



SP V 790 EC



SP V 750 EC (DC)

**Autoclaves
Air Brush
Gas Detectors
Cooling
Pneumatics
Industrial**

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Phone: +49 201 316970, Fax: +49 201 3169729
e-mail: info@schwarzer.com
www.schwarzer.com



Eccenter-Diaphragm-Pumps for Gas

SP V 700 EC Series - Two Heads

Designation	SP V 750 EC				SP V 790 EC				SP V 792 EC
Art.No. 12 Vdc	7.53.33								
Art.No. 230V/50Hz	7.53.30				7.53.70				7.53.71
Art.No. 120V/60Hz					7.53.31				7.53.69

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

Pneumatic Performance

at:	12 Vdc		230V/50HZ		120V/60Hz		230V/50HZ		120V/60Hz		230V/50Hz
	ser.	par.	ser.	par.	ser.	par.	ser.	par.	ser.	par.	
free flow [l/min]	7,5	15,0	6,0	12,0	6,0	12,0	15,0	30,0	16,0	32,0	50,0
flow at:	Pressure side:										
500 mbar [l/min]	6,3	8,5	5,0	8,0	5,0	8,0	12,5	18,0	13,0	18,5	25,0
max. Pressure [mbar]	>2000	1500	>2000	1500	>2000	1500	>1000	1500	>1000	1500	>1000
	Vacuum side:										
flow at:											
-260 mbar [l/min]	4,8	9,0	4,5	7,5	4,5	7,5	10,5	17,0	11,0	17,5	30,0
max. Vacuum [mbar]	970	810	945	810	945	810	970	810	970	810	990

in serial configuration at continuous operation the given pressures should not be exceeded

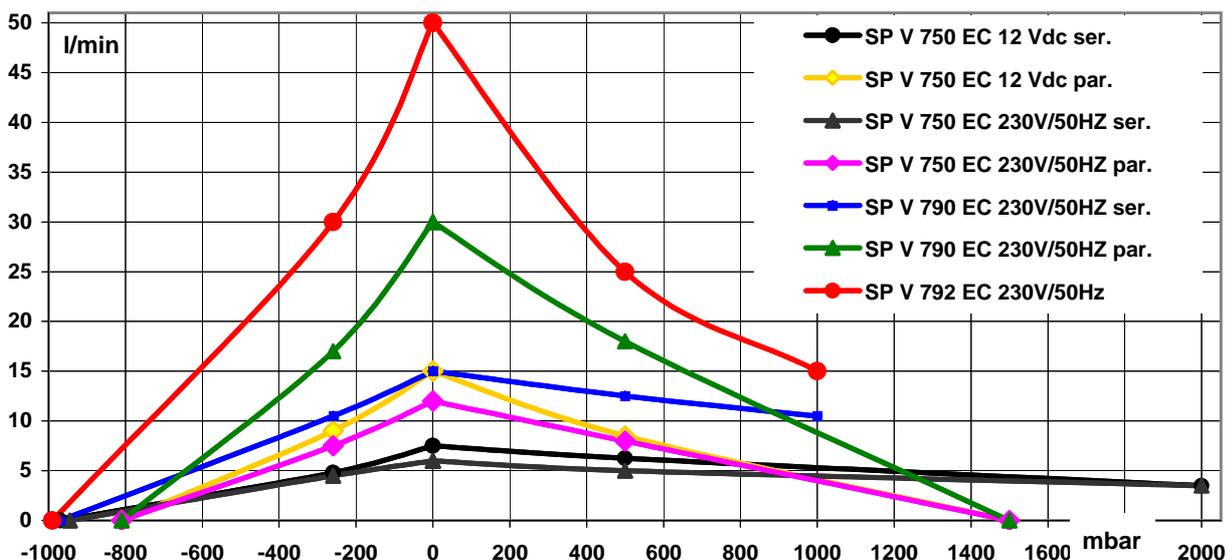
Power Consumption

Motor Type	Iron Core DC		Shaded Pole		Condensator	
max. current [mA]	2000		420	950	360	820
						740

Material

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

Performance Curves

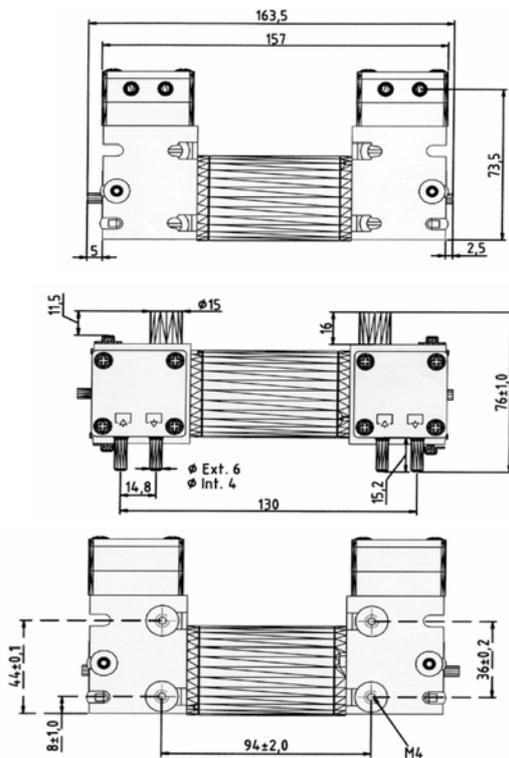


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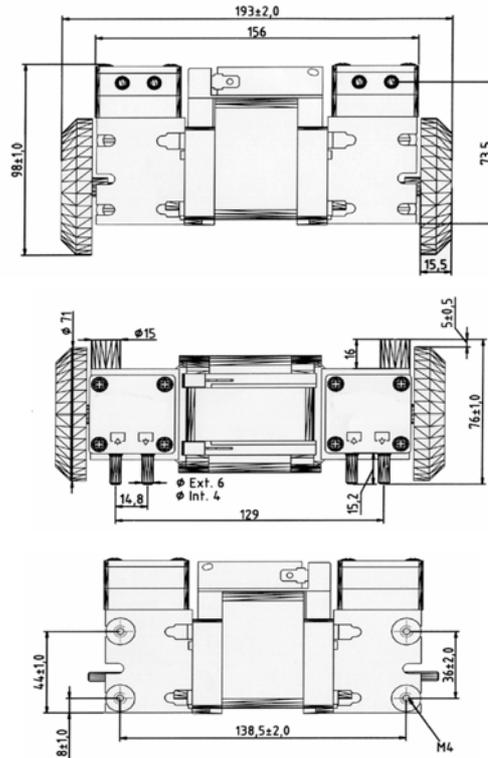


Drawings

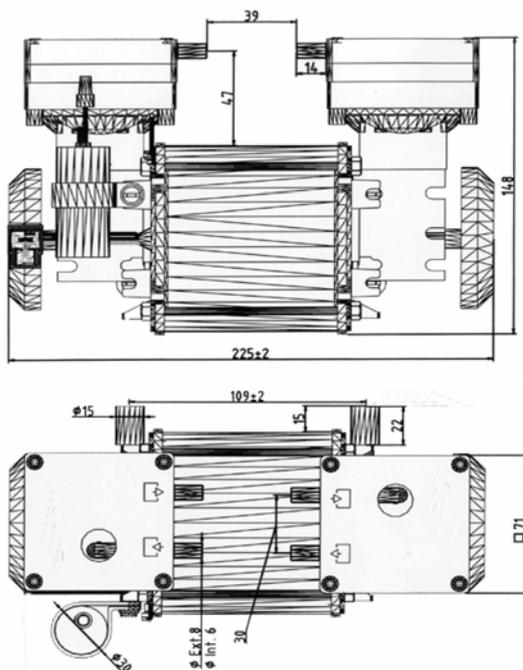
SP V 750 EC (DC)



SP V 750 EC (AC)



SP V 790 EC



SP V 792 EC

