



Schwarzer
Präzision

Eccenter-Diaphragm-Pumps for Gas SP 720 EC Series

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



Autoclaves
Air Brush
Gas Detectors
Cooling
Pneumatics
Industrial

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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 Art.No. 12 Vdc Art.No. 24 Vdc	SP 720 EC		SP 725 EC	
		7.54.02	7.54.03	7.54.14

Pneumatic Performance

	at:	12 Vdc	24 Vdc	12 Vdc	24 Vdc
free flow [l/min]		7,8	7,8	9,0	9,0
flow at:					
300 mbar [l/min]		5,5	5,5	6,8	6,8
max. Pressure [mbar]		2000	2000	2300	2300
flow at:					
-300 mbar [l/min]		3,3	3,3	4,0	4,0
max. Vacuum [mbar]		750	770	770	790

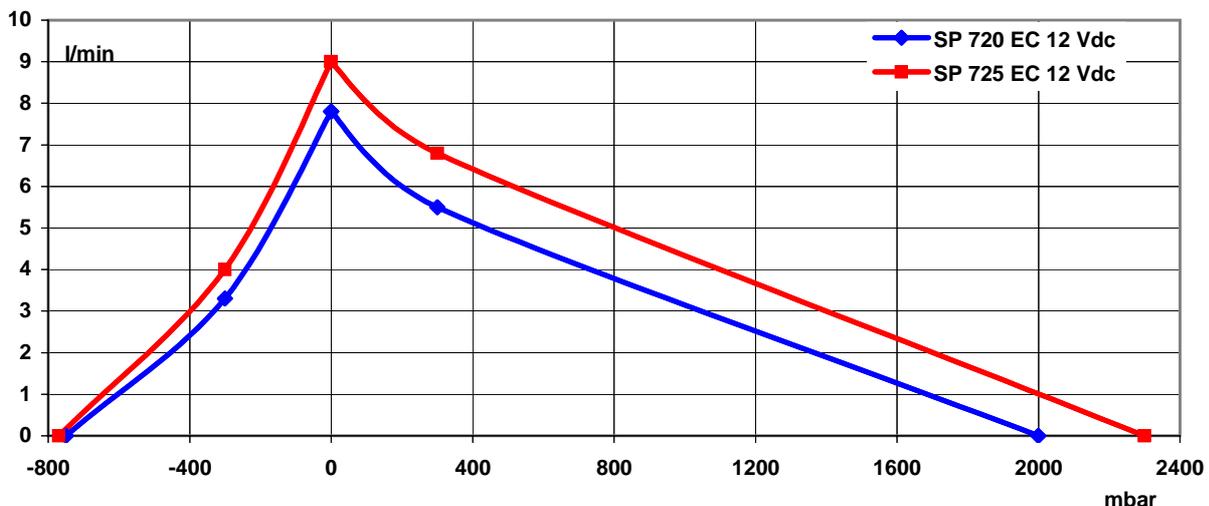
Power Consumption

Motor Type	option	Iron Core DC motor with Double Ball Bearings and Electromagnetic Suppression brushless dc motors and 230V/50Hz and 120V/60Hz shaded pole motors			
max. current [mA]		1600	900	1450	750

Material

Pump Head	Standard	Optional	PPS	PPS
			customer specific - upon request	customer specific - upon request
Diaphragm, Valves	Standard	Optional	EPDM	EPDM
			Viton / Silicone	Viton / Silicone

Performance Curves





Drawings

SP 720 EC / SP 725 EC

