H5P3

DIAPHRAGM PUMP FOR AIR/GAS APPLICATION



Attributes	Applications
100% Oil-free	Aspiration (surgical, welding)
Excellent gas sealing / Contamination free	Scenting
Long reliable service life	Environmental sampling
Low power consumption and noise level	Laboratory analysis
Quick and easy maintenance procedure	Laser cutters
Exceptional motor lifetime	Pick and place, transport
Possibility to handle separate gases per head	Vacuum-therapy

Performance Data (single head)

Maximum Flow	6 l/min (+1.5 l/min @60Hz)
Maximum Vacuum	-813 mbar
Maximum Pressure	1400 mbar [1]
Maximum vacuum Start up	ATM
Maximum pressure Start up	ATM

[1] Available under request for maximum pressure up to 2000 mbar per head

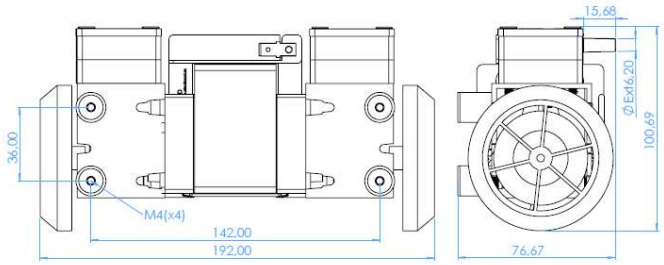
Motor Data

Motor Type	AC shaded pole	
Voltage	230 Vac 50 Hz	120 Vac 60 Hz
Maximum current	0.55 A	1.25 A
IP	00	
Insulation Class	B (120°C Th. Protection)	
Electrical Connection	Male 6.3 x 0.8mm tab (L+N)	

Additional Data

Average Noise	55 dB
Weight	1780 g

Dimensions in mm



Available Material Options

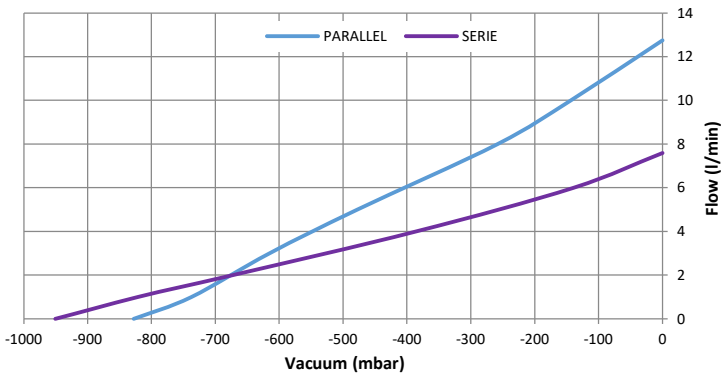
Head	PPS (alternatives on request)
Diaphragm	FKM (alternatives on request)
Valve	FKM (alternatives on request)
O-Ring	VMQ (alternatives on request)

Service kits

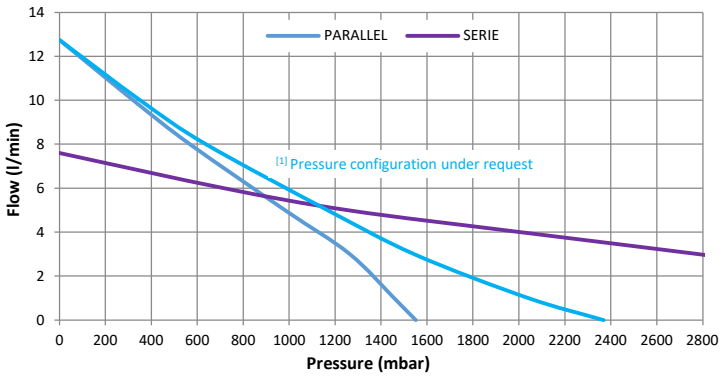
RUBBER KIT H/S5 M/SR P&N [2]	900.12

[2] (single head)

Vacuum / Flow characteristic [3]



Pressure / Flow characteristic [3]



[3] Characteristics shown for frequency (f) at 50Hz. At f=60Hz starting flow increases +1,5 l/min.

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