H30P3 05

DIAPHRAGM PUMP FOR AIR/GAS APPLICATION



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

Performance Data (single head)

Maximum Flow	24 l/min (+1,5 l/min @60Hz)
Maximum Vacuum	-880 mbar
Maximum Pressure	1000 mbar
Maximum vacuum Start up	-130 mbar
Maximum pressure Start up	100 mbar

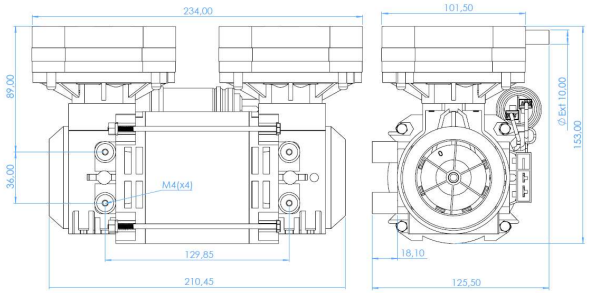
Motor Data

Motor Type	Permanent split capacitor	
Voltage	230 Vac 50Hz	120 Vac 60Hz
Maximum current	0.8 A	1.5 A
IP	00	
Insulation Class	F (150°C Th. Protection)	
Electrical Connection	Male 6.3 x 0.8mm tab (L+N+PE)	

Additional Data

Average Noise	57 dB
Weight	4440 g

Dimensions in mm



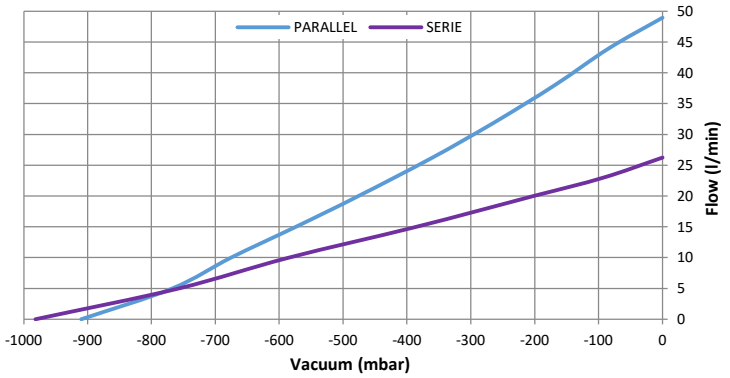
Available Material Options

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

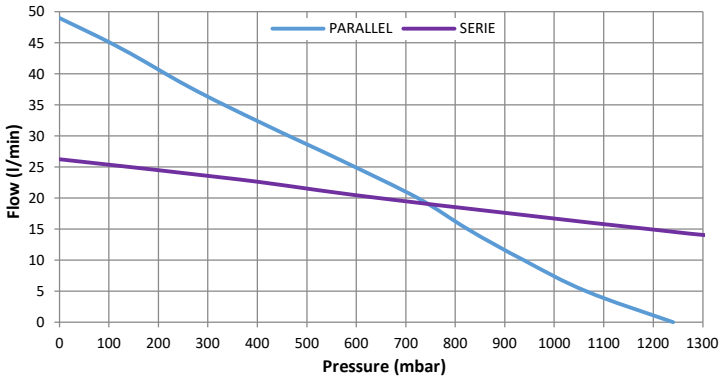
Service kits

RUBBER & FELT KIT H30 P3 05	900.31
CAPACITOR 5µF FAST KIT	900.92

Vacuum / Flow characteristic [1]



Pressure / Flow characteristic



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

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