EVO30

DIAPHRAGM PUMP FOR AIR/GAS APPLICATION



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

Performance Data

Maximum Flow	42 l/ min (+3,5 l/min @60Hz)
Maximum Vacuum	-960 mbar
Maximum Pressure	1000 mbar
Maximum vacuum Start up	-130 mbar
Maximum pressure Start up	100 mbar

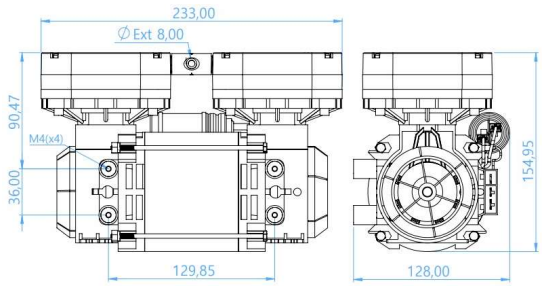
Motor Data

Motor Type	Permanent split capacitor	
Voltage	230 Vac 50Hz	120 Vac 60Hz
Maximum current	1.0 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	4430 g

Dimensions in mm



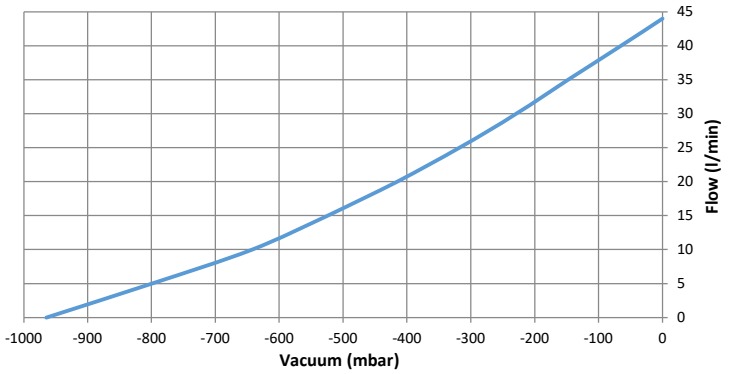
Available Material Options

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

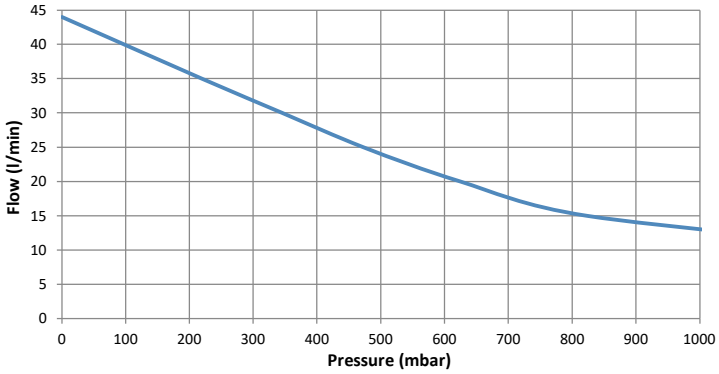
Service kits

RUBBER & FELT KIT EVO30-B	900.68
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 +3,5 l/min.

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