EVO40

DIAPHRAGM PUMP FOR AIR/GAS APPLICATION



Attributes

High performance standards
100% Oil-free
Excellent gas sealing / Contamination free
Long reliable service life
Low power consumption and noise level
Quick and easy maintenance procedure

Applications

Aspiration (surgical, welding)
Autoclaves / Sterilization
Environmental sampling
Laboratory analysis
Laser cutters
Pick and place, transport
Vacuum-therapy

Performance Data

Maximum Flow	48 l/min (+4 l/min @60Hz)
Maximum Vacuum	-960 mbar
Maximum Pressure	1000 mbar
Maximum vacuum Start up	-130 mbar
Maximum pressure Start up	100 mbar

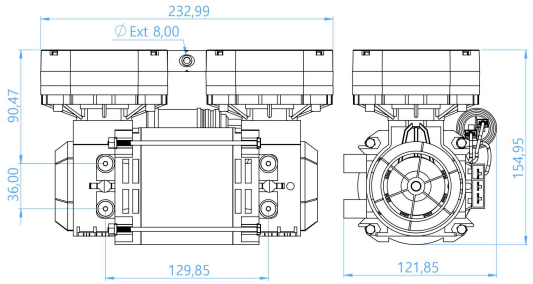
Motor Data

Motor Type	Permanent split capacitor	
Voltage	230 Vac 50 Hz	120 Vac 60 Hz
Maximum current	1.30 A	1.80 A
IP	20	
Insulation Class	F (150°C Th. Protection)	
Electrical Connection	6.3 x 0.8mm tab (L+N+PE)	

Additional Data

Average Noise	57 dB
Weight	4550 g

Dimensions in mm



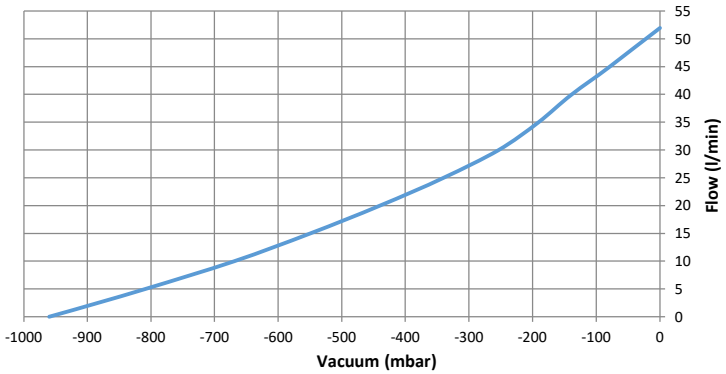
Available Material Options

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

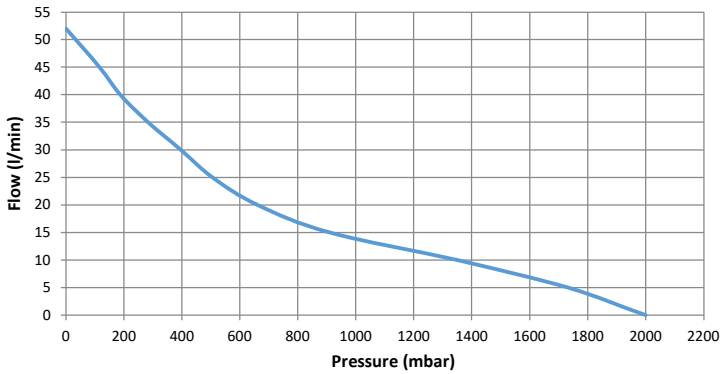
Service kits

FULL RUBBER & FELT	900.57
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 +4 l/min.

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