NEO BD

DIAPHRAGM PUMP FOR AIR/GAS APPLICATION



Attributes
100% Oil-free
Excellent gas sealing / Contamination free
Excellent flow to size ratio
Low power consumption and noise level
Quick and easy maintenance procedure

Applications
Aspiration (surgical, welding)
Small portable equipment
Environmental sampling
Laboratory analysis
Laser cutters
Vacuum-therapy

Performance Data

Maximum Flow	4 l/min
Maximum Vacuum	-813 mbar
Maximum Pressure	1200 mbar
Maximum vacuum Start up	-450 mbar
Maximum pressure Start up	400 mbar

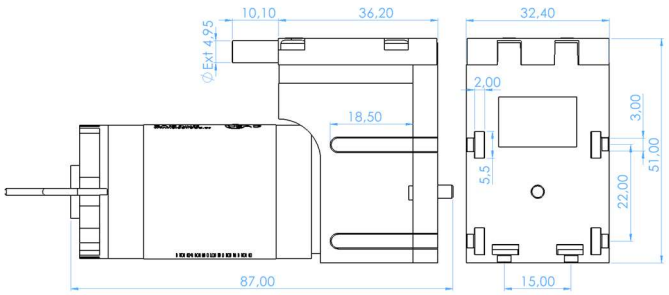
Motor Data

Motor Type	DC Brushed	
Voltage	12 Vdc	24 Vdc
Maximum current	0.60 A	0.30 A
IP	20	
Insulation Class	E	
Electrical Connection	2 wire length 290 mm	

Additional Data

Average Noise	55 dB
Weight	174 g

Dimensions in mm



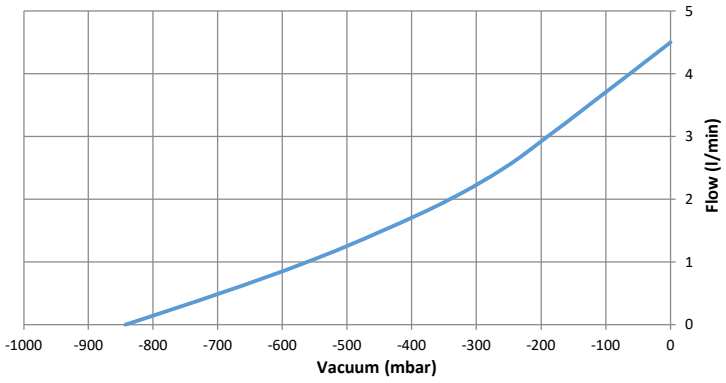
Available Material Options

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

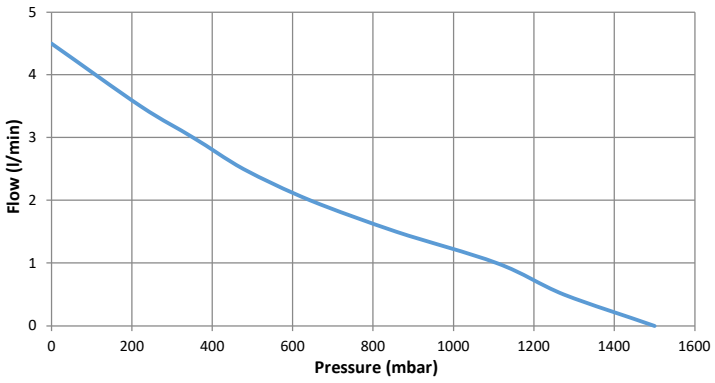
Service kits

RUBBER KIT NEO P	900.73

Vacuum / Flow characteristic



Pressure / Flow characteristic



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