NEO-I BD

DIAPHRAGM PUMP FOR AIR/GAS APPLICATION



Attributes	Applications
High performance standards	Aspiration (surgical, welding)
100% Oil-free	Small portable equipment
Excellent gas sealing / Contamination free	Environmental sampling
Excellent flow to size ratio	Gas sampling
Low power consumption and noise level	Laboratory analysis
Quick and easy maintenance procedure	Laser cutters
Possibility to handle separate gases per head	Vacuum-therapy

Performance Data (single head)

Maximum Flow	3,5 l/min
Maximum Vacuum	-800 mbar
Maximum Pressure	1000 mbar
Maximum vacuum Start up	-467 mbar
Maximum pressure Start up	400 mbar

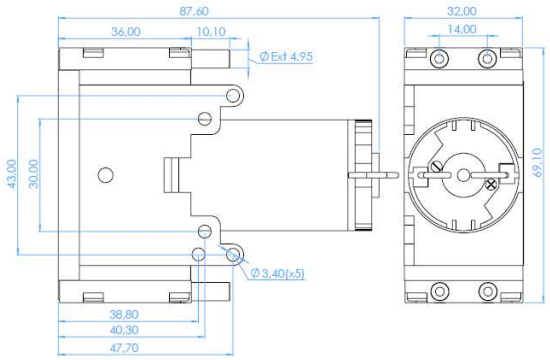
Motor Data

Motor Type	DC Brushed	
Voltage	12 Vdc	24 Vdc
Maximum current	1.00 A	0.60 A
IP	20	
Insulation Class	E	
Electrical Connection	2 wire length 290 mm	

Additional Data

Average Noise	55 dB
Weight	212 g

Dimensions in mm



Available Material Options

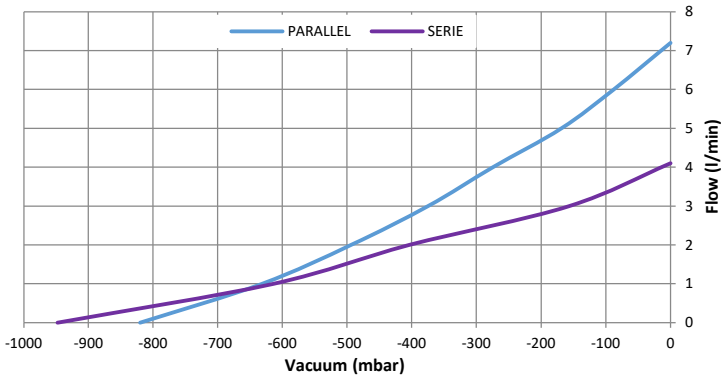
Head	PPS
Diaphragm	FKM (alternatives on request)
Valve	FKM (alternatives on request)
O-Ring	EPDM (alternatives on request)

Service kits

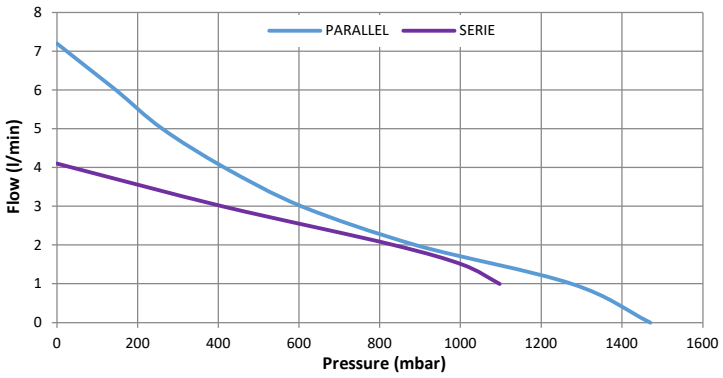
RUBBER KIT NEO P [1]	900.73

[1] (single head)

Vacuum / Flow characteristic



Pressure / Flow characteristic



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