NEO-I BL

DIAPHRAGM PUMP FOR LIQUID 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
Exceptional motor lifetime
Possibility to handle separate liquids per head

Applications

Aspiration (surgical, welding)
Small portable equipment
Reprographics / Printing
Environmental sampling
Laboratory analysis
Dosing

Performance Data (single head)

Maximum Flow (gas)	1.75 l/min
Maximum Flow (liquid)	300 ml/min
Maximum Vacuum (gas)	-267 mbar
Maximum Pressure (gas)	300 mbar
Maximum Pressure (liquid)	12 mH_2O
Maximum pressure Start up	-267 mbar
Maximum pressure Start up	300 mbar

Motor Data

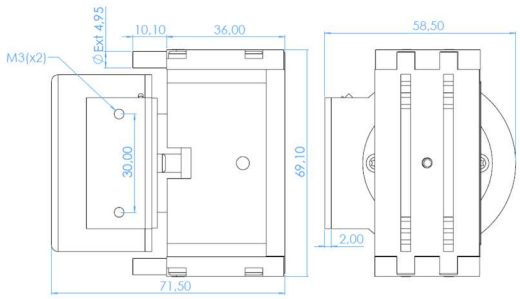
Motor Type	DC Brushless	
Voltage	12 Vdc	24 Vdc
Maximum current (gas)	0.45 A	0.25 A
IP	30	
Insulation Class	F	
Electrical Connection	2 wire length 220 mm [1]	

[1] Available 4 wire version w/ speed control and speed measurement

Additional Data

Average Noise	58 dB
Weight	300 g

Dimensions in mm



Available Material Options

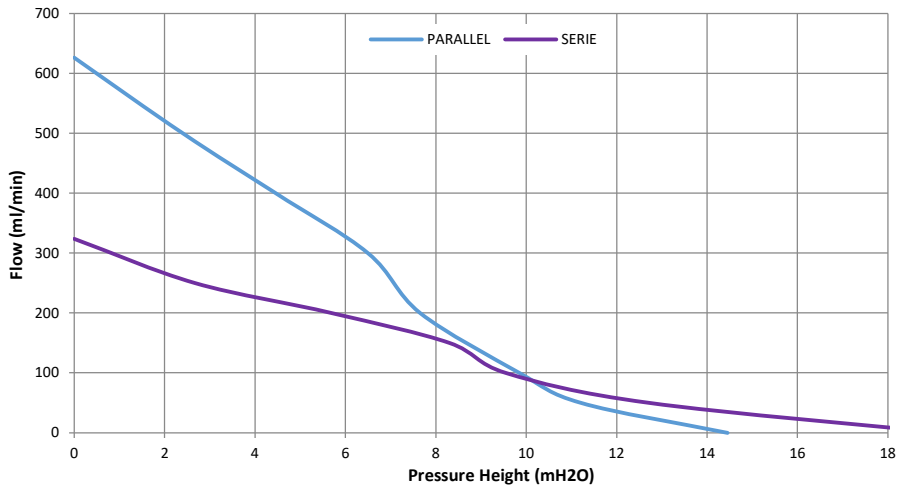
Head	PPS
Diaphragm	FKM (alternatives on request)
Valve	FKM (alternatives on request)
O-Ring	EPDM (alternatives on request)

Service kits

RUBBER KIT NEO L [2]	900.74

[2] (single head)

Pressure / Flow characteristic (liquid)



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