SRP3 BL

DIAPHRAGM PUMP FOR AIR/GAS APPLICATION



Attributes	Applications
100% Oil-free	Aspiration (surgical, welding)
Excellent gas sealing / Contamination free	Small portable equipment
Low power consumption and noise level	Environmental sampling
Quick and easy maintenance procedure	Laboratory analysis
Pump Re-Start at max levels	Laser cutters
Possibility to handle separate gases per head	Pick and place, transport
Exceptional motor lifetime	Vacuum-therapy

Performance Data (single head)

Maximum Flow	8 l/min
Maximum Vacuum	-813 mbar
Maximum Pressure	1300 mbar [1]
Maximum vacuum Start up	-813 mbar
Maximum pressure Start up	1300 mbar

[1] Available under request for maximum pressure up to 2000 mbar

Motor Data

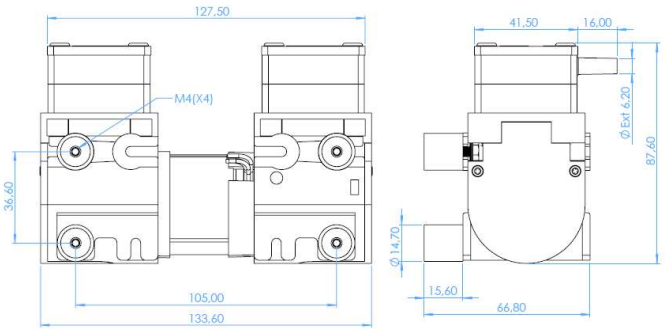
Motor Type	DC Brushless	
Voltage	12 Vdc	24 Vdc
Maximum current	3.00 A	1.50 A
IP	20	
Insulation Class	A	
Electrical Connection	2 wire length 290 mm [2]	

[2] Available 4 wire version w/ speed control and speed measurement. For 4 wire, it is extremely important to avoid green wire touching any other wire or live part.

Additional Data

Average Noise	56 dB
Weight	597 g

Dimensions in mm



Available Material Options

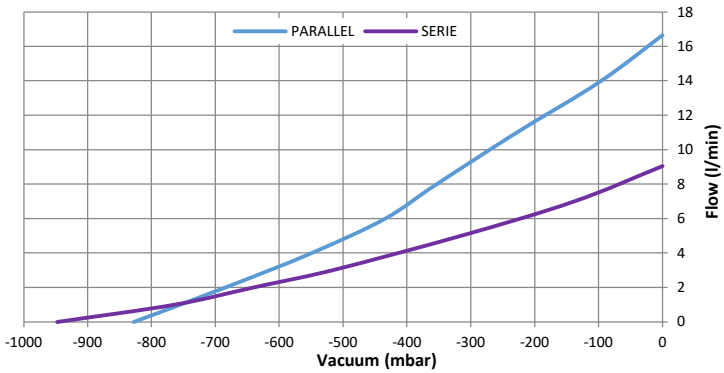
Head	PPS (alternatives on request)
Diaphragm	FKM (alternatives on request)
Valve	FKM (alternatives on request)
O-Ring	VMQ (alternatives on request)

Service kits

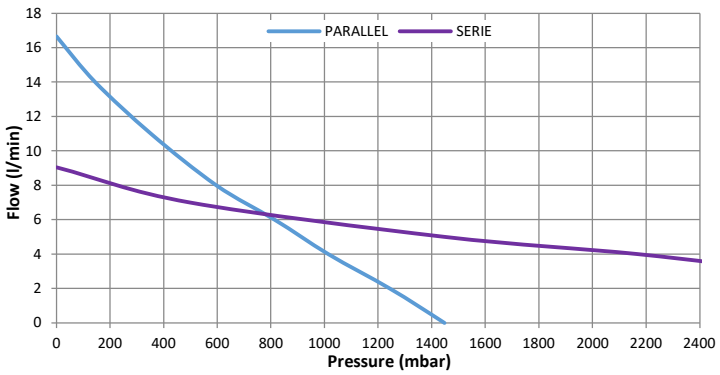
RUBBER KIT H/S5 M/SR P&N [3]	900.12

[3] (single head)

Vacuum / Flow characteristic



Pressure / Flow characteristic



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