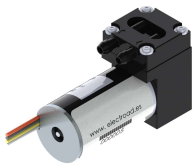
JR BL

DIAPHRAGM PUMP FOR AIR/GAS APPLICATION



Attributes	Applications
High performance standards	Small portable equipment
100% Oil-free	Reprographics / Printing
Excellent gas sealing / Contamination free	Laboratory analysis
Exceptional motor lifetime	Medical
Lightweight compact size	Automotive
Low power consumption and noise level	Environmental sampling
Pump Re-Start at maximum levels	Chemically demanding uses

Performance Data

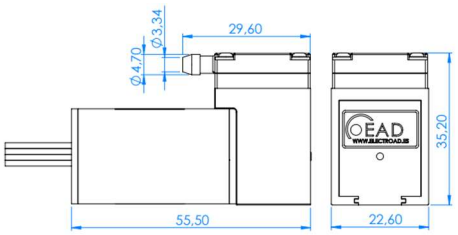
Maximum Flow	2.5 l/min
Maximum Vacuum	-653 mbar
Maximum Pressure	1200 mbar
Maximum Vacuum Re-Start	-653 mbar
Maximum Pressure Re-Start	1200 mbar

Motor Data

Motor Type	DC Brushless	
Voltage	12 Vdc	24 Vdc
Maximum current	0.25 A	0.15 A
IP	20	
Insulation Class	B	
Electrical Connection	4 wire length 400 mm [1]	

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

Dimensions in mm



Additional Data

Average Noise	56 dB
Weight	76 g

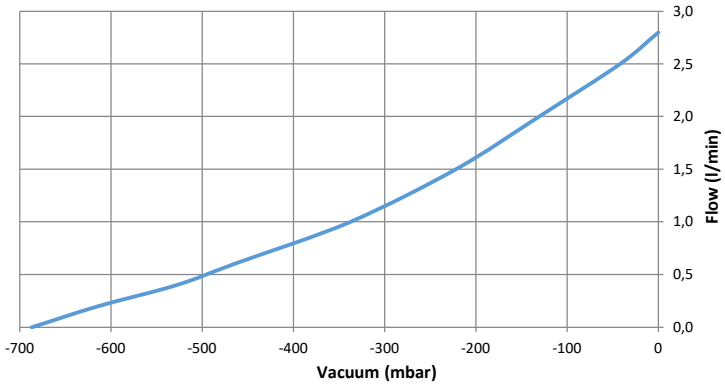
Available Material Options

Head	PPS
Diaphragm	EPDM & PTFE COATED
Valve	EPDM & FFKM

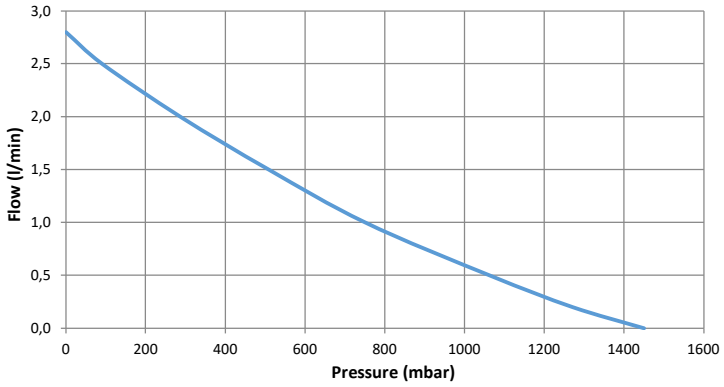
Service kits

EPDM RUBBER KIT	900.78
PTFE RUBBER KIT	900.77

Vacuum / Flow characteristic



Pressure / Flow characteristic



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