JR BD

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
Long reliable service life	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

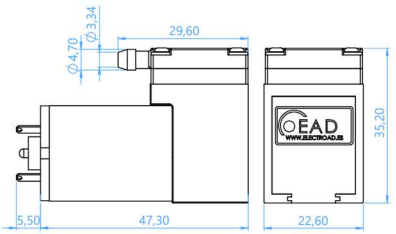
Motor Data

Motor Type	DC Brushed	
Voltage	12 Vdc	24 Vdc
Maximum current	0.40 A	0.20 A
IP	50	
Insulation Class	E	
Electrical Connection	2.05 x 0.45mm Solder tab	

Additional Data

Average Noise	56 dB
Weight	56 g

Dimensions in mm



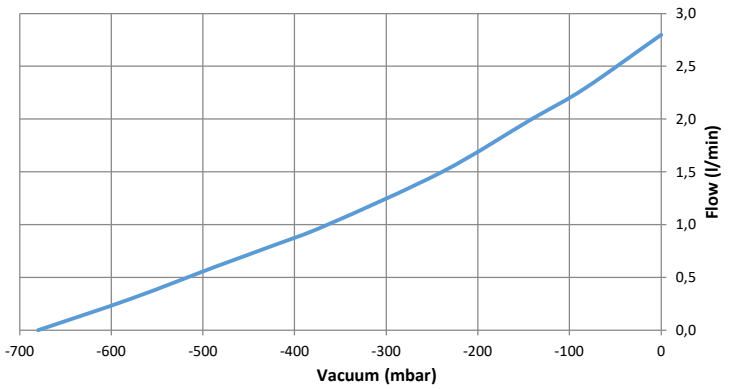
Available Material Options

Head	PPS
Diaphragm	EPDM & PTFE COATED
Valve	EPDM & FFKM

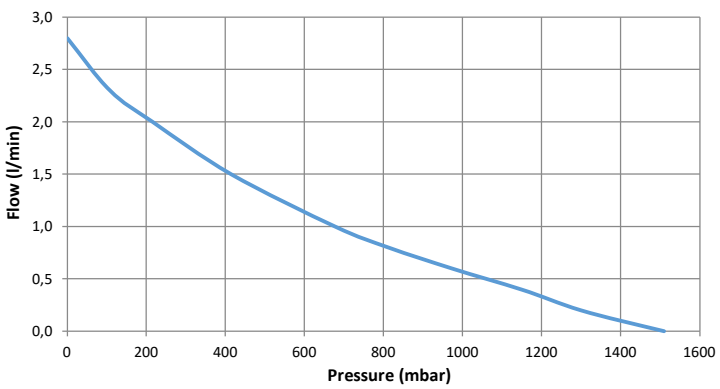
Service kits

EPDM RUBBER KIT	900.78
PTFE RUBBER KIT	900.77

Vacuum / Flow characteristic



Pressure / Flow characteristic



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