JR BD

DIAPHRAGM PUMP FOR LIQUID 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	Automotive
Lightweight compact size	Environmental sampling
Low power consumption and noise level	Chemically demanding uses
Pump Re-Start at maximum levels	Dosing

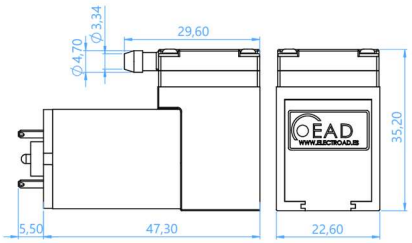
Performance Data

Maximum Flow (gas)	300 ml/min
Maximum Flow (liquid)	130 ml/min
Maximum Vacuum (gas)	-267 mbar
Maximum Pressure (gas)	350 mbar
Maximum Pressure (liquid)	18 mH_2O
Maximum pressure Start up	-267 mbar
Maximum pressure Start up	350 mbar

Motor Data

Motor Type	DC Brushed	
Voltage	12 Vdc	24 Vdc
Maximum current (gas)	0.15 A	0.08 A
IP	50	
Insulation Class	E	
Electrical Connection	2.05 x 0.45mm Solder tab	

Dimensions in mm



Additional Data

Average Noise	54 dB
Weight	56 g

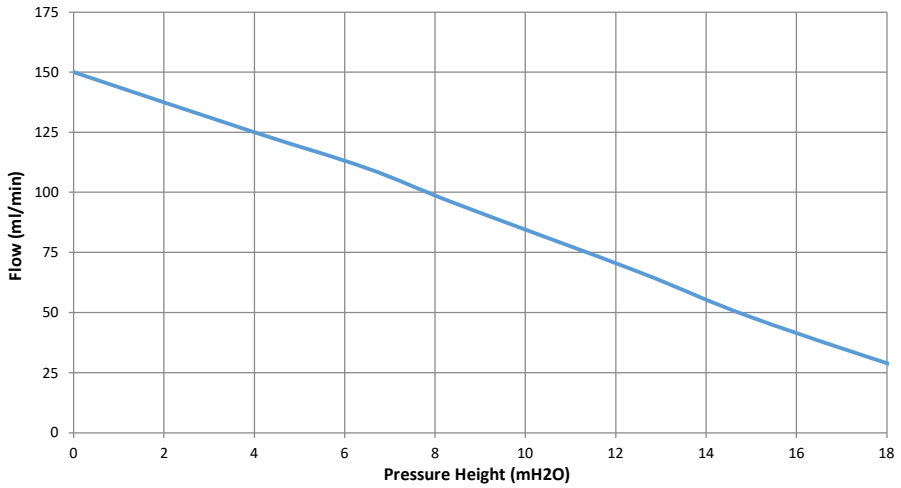
Available Material Options

Head	PPS
Diaphragm	EPDM & PTFE COATED
Valve	FPM & FFKM

Service kits

EPDM RUBBER KIT	900.78
PTFE RUBBER KIT	900.77

Pressure / Flow characteristic (liquid)



www.electroad.es

HEADQUARTERS
Castellví de Rosanes factories 1 & 2
La Pedrosa Industrial Park
08783 Masquefa; Barcelona; Spain
Tel: +34 937 728 529
Fax: +35 937 728 591
Email: comercial@electroad.es

ITALY SALES OFFICE
Via Giacomo Manzù 25
24122 Bergamo; Italy
Tel: +39 389 445 8471
Tel: +39 320 225 0058
Email: fdonado@ead-pumps.com
Email: sdeleonardis@ead-pumps.com

Your **success** is our satisfaction

Solutions for a **smart world**

Electro A.D., S.L. as a manufacturer does not guarantee or assume any obligation related to the data contained on this document and remarks that it could slightly differ between different products.
Electro A.D., S.L. keeps the right to modify any part or group of parts manufactured without notice in order to improve the product.
JR BD Liquid Datasheet rev.2 – All rights reserved.