MRP3

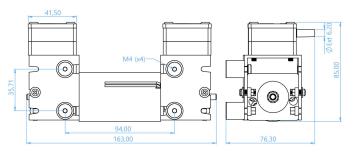
EAD

DIAPHRAGM PUMP FOR <u>AIR/GAS</u> APPLICATION

Attributes 100% Oil-free Excellent gas sealing / Contamination free Optimal flow to size ratio Low power consumption and noise level Quick and easy maintenance procedure Pump Re-Start at max levels Possibility to handle separate gases per head

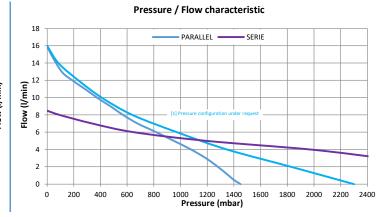
Aspiration (surgical, welding) Small portable equipment Environmental sampling Laboratory analysis Laser cutters Pick and place, transport Vacuum-therapy

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)







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

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Applications



Performance Data (single head)

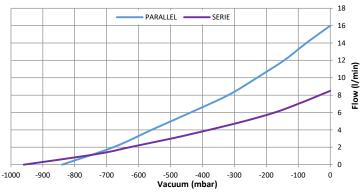
Maximum Flow	8 l/min (7.5 l/min @12Vdc)	
Maximum Vacuum	-813 mbar	
Maximum Pressure	1300 mbar ^[1]	
Maximum vacuum Start up	-813 mbar	
Maximum pressure Start up 1300 mbar		
^[1] Available under request for maximum pressure up to 2000 mbar		

Motor Data

NOCOL Data			
Motor Type	DC Brushed		
Voltage	12 Vdc	24 Vdc	
Maximum current	3.00 A	1.20 A	
IP	50		
Insulation Class	E		
Electrical Connection	2 wire length 290 mm		

Additional Data

Average Noise 57 dB Weight 780 g



Vacuum / Flow characteristic