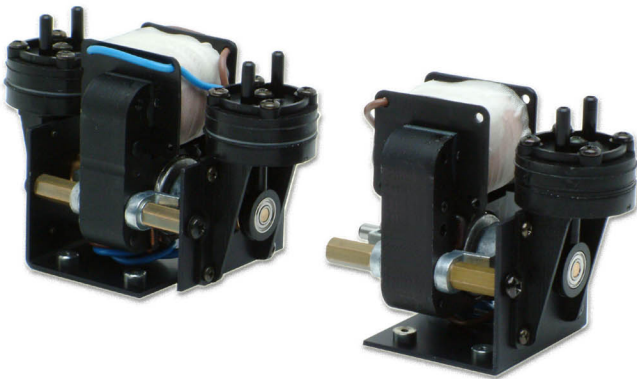


Oil-Free
Diaphragm Pump

DA1 Series



Max Flow
3.5 l/min
Max Vacuum
250 mbar abs
Max Pressure
1.0 bar

Well proven OEM design

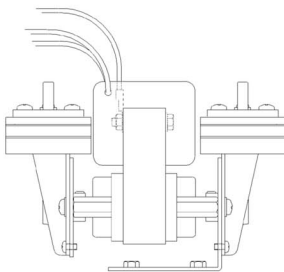
Suitable for continuous use in OEM applications, the DA1 series offers oil-free maintenance free operation. Suitable for applications where space is limited and reliability is essential such as low flow gas sampling.

Robust construction

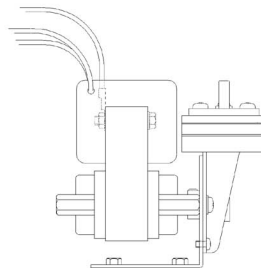
With integral mounting bracket and tough nylon crankcase, the DA1 is ideal for industrial applications. Also available in a double ended version allowing flexibility of higher flow and vacuum or independent use of each head for separate process lines.

Motor voltage options

DA1 pumps use a rugged and cool-running shaded pole motor which is available in a wide variety of voltages. DC versions are also available; please refer to data sheet for PM11 model.

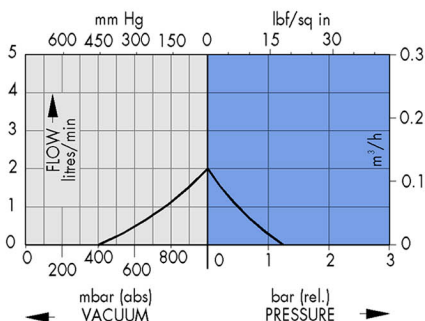


DA1 DE double ended pump
OEM model can be connected
in series or parallel

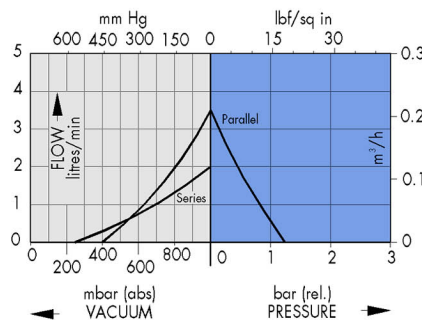


DA1 SE single ended pump

DA1 SE



DA1 DE



Cased versions

Also available in a tough polycarbonate case, the DA1 SEC is suitable for benchtop use and conforms to the IEC 1010 standards.

Application ideas

Application ideas include medical and environmental applications where reliability is essential.



DA1 Series

Motor Type:

IP20, Skeleton frame, shaded pole with cooling fan and shielded ball races throughout. 2800 RPM.
Thermal Protection 120°C

model no.	110/115V 50/60Hz			230V 50Hz		
	operating current	max. load	fuse rating	operating current	max. load	fuse rating
DA1 SE	0.3A	0.4A	1.0A	0.15A	0.2A	0.5A
DA1 DE	0.25A	0.4A	1.0A	0.2A	0.3A	0.5A

Performance:

model no.	max. free flow l/min	max. vacuum mbar (abs)	max. pressure bar
DA1 SE	1.8	400	1.0
DA1 DE series connected	1.8	250	1.0*
DA1 DE parallel connected	3.5	400	1.0

* recommended maximum working pressure

Connectors:

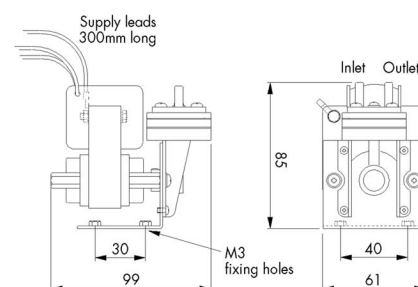
Integral plain, vertical, Nylon 4.8mm OD

Optional filter:

Foam, 100 micron type fits onto inlet connector

DA1 SE 0.85 kg

dimensions: mm

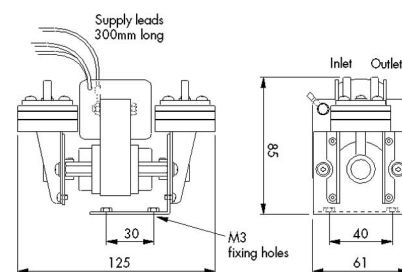


Pump Materials:

With the option of viton for the flexibles, the pump will handle a range of corrosive gases.

component	standard	options
Head	Nylon	n/a
Diaphragm	EPDM	Viton
Valves	EPDM	n/a
Connectors	Connectors	n/a

DA1 DE 0.9 kg



distributed by:

Please note that it is important that you ensure the motor specification stated and the range of materials offered in the pump are compatible with the performance, environmental limitations and chemical resistance of the application.

For further information or details of our extensive range of diaphragm pumps, contact our technical sales office who will be pleased to help you select the most suitable pump for your application.

S30-219/3