

LD DE Series

Oil-Free Linear Diaphragm Pumps



Flow @
20 - 60 l/min
Vacuum
n/a
Pressure
0.3 bar

Contamination free pumping

The simple yet efficient pumping principle uses an electro magnetically operated diaphragm, which eliminates sliding parts keeping wear and tear minimal. This oil-free principle produces a smooth pulse free flow at a low pressure. LD DE pumps have two heads which can be used independantly or connected together for increased performance.

Reliable, quiet and efficient

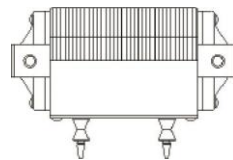
Designed for continuous duty the LD DE series is housed in a robust alloy casing with exceptional output from a small foot print. Efficient in operation the LD DE series offers low power consumption and life testing in excess of 14,000 hours.

OEM installion

Designed for easy OEM installation the LD DE series is lightweight and compact with quick fit anti vibration mounts requiring no tools. A range of models are available from 20 to 60 l/min. Products also carry CE Marking.

Application ideas

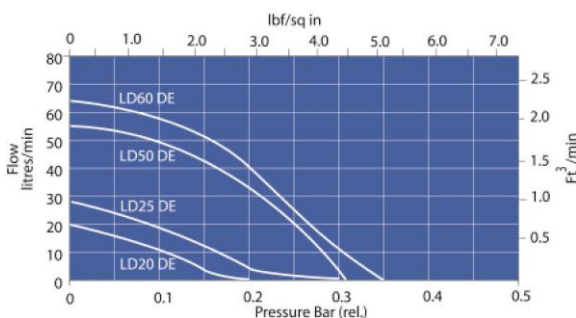
Application ideas include ripple beds, cuff inflation, physiotherapy, foot spa's, odour neutralisers, fuel cell manufacture and air sampling.



LD50 DE
Single ended OEM model

LD60 DE, LD25 DE & LD20 DE
Single ended OEM model

LD DE Series



LD DE Applications



LD DE Series

Technical Specifications

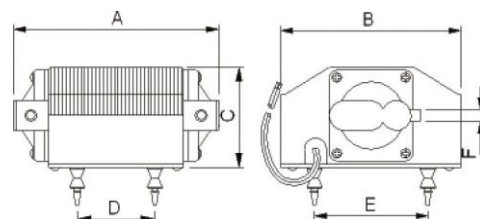
motor details

Electromagnetic vibrating linear motor

model no	power consumption w	noise level dB
LD20 DE	10	40
LD25 DE	17	45
LD50 DE	35	50
LD60 DE	35	50

LD20 DE, LD25 DE & LD60 DE dimensions mm

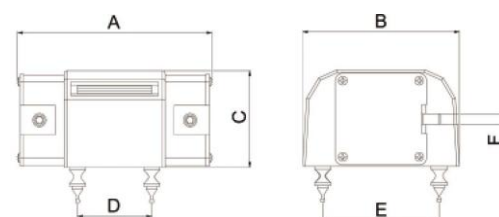
dimensions



performance

model no	flow (l/min) @ 0.005 bar pressure	max pressure (bar)
LD20 DE	20	0.025
LD25 DE	28	0.025
LD50 DE	55	0.030
LD60 DE	61	0.030

LD50 DE



connectors

LD20 DE - 8 mm straight
LD25 DE - 8 mm straight
LD50 DE - 8 mm straight
LD60 DE - 10 mm straight

model	A	B	C	D	E	F
LD20 DE	124	102	61	45	75	8
LD25 DE	132	117	69	54	78	8
LD50 DE	145	117	73	60	86	8
LD60 DE	155	139	91	51	76	10

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 who will be pleased to help you select the most suitable pump for your application.

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