

CHARLES AUSTEN PUMPS LTD



LINEAR DIAPHRAGM PUMPS

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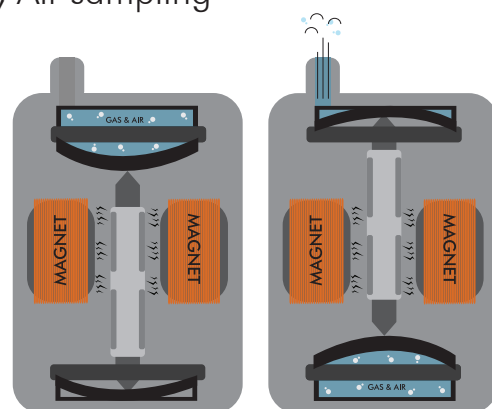
LINEAR DIAPHRAGM PUMPS - GAS & AIR



The simple yet efficient pumping principle uses a magnetically operated diaphragm. This action flexes a diaphragm at one, or both ends of the connecting rod within a totally sealed pumping chamber. This eliminates sliding parts keeping wear, tear and power consumption to a minimum.

Applications include: Ripple beds, Cuff inflation, Physiotherapy, Foot spa's, Odour neutralisers, Fuel cell manufacture, Air sampling

- ✓ All models are supplied with an inlet and outlet for vacuum and pressure use.
- ✓ Uses an electro magnetically operated diaphragm, which eliminates sliding parts, keeping wear and tear minimal.
- ✓ Housed in a robust alloy casing with exceptional output from a small footprint.
- ✓ Lightweight and compact design with anti vibration mounts.



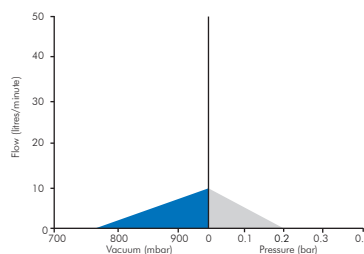
LD 10



Features

- Max Flow: 10.0 l/min
- Max Vacuum: 880 mbar
- Max Pressure: 0.2 bar
- Size: 97 x 77 x 59mm

Performance



Standard Option

Diaphragm: EPDM

- 110V • 12V
- 230V

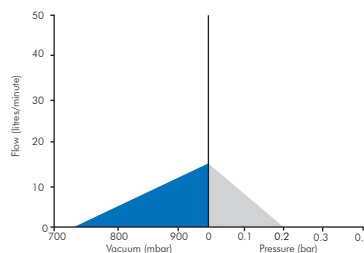
LD 15



Features

- Max Flow: 15.0 l/min
- Max Vacuum: 760 mbar
- Max Pressure: 0.2 bar
- Size: 109 x 84 x 68mm

Performance



Standard Option

Diaphragm: EPDM

- 110V • 12V
- 230V

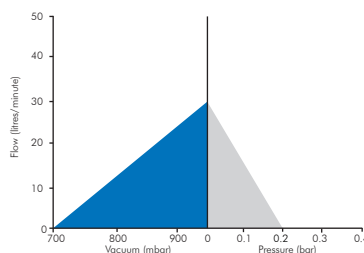
LD 30



Features

- Max Flow: 30.0 l/min
- Max Vacuum: 700 mbar
- Max Pressure: 0.2 bar
- Size: 131 x 110 x 80mm

Performance



Standard Option

Diaphragm: EPDM

- 110V
- 230V

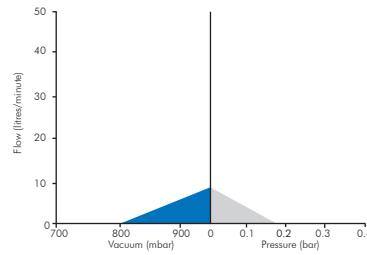
LD DM5 (S)



Features

- Max Flow: 8.0 l/min
- Max Vacuum: 800 mbar
- Max Pressure: 0.17 bar
- Size: 106 x 89 x 80mm

Performance



Standard Option

Diaphragm: EPDM

-  • 110V • 12V
• 230V

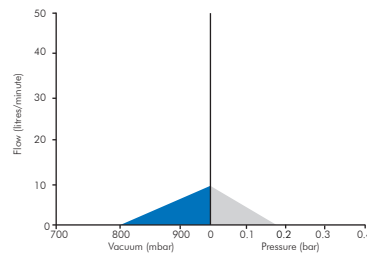
LD DB5 (S)



Features

- Max Flow: 9.0 l/min
- Max Vacuum: 800 mbar
- Max Pressure: 0.17 bar
- Size: 106 x 89 x 81mm

Performance



Standard Option

Diaphragm: EPDM

-  • 110V • 12V
• 230V • 24V

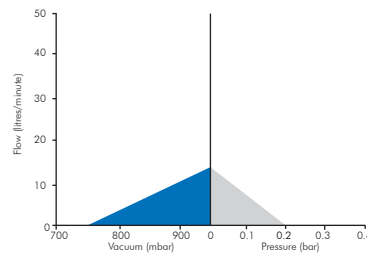
LD DM10 (S)



Features

- Max Flow: 14.0 l/min
- Max Vacuum: 750 mbar
- Max Pressure: 0.2 bar
- Size: 106 x 89 x 81mm

Performance



Standard Option

Diaphragm: EPDM

- PLASTIC CASING
- STEEL CASING

-  • 110V • 12V
• 230V • 24V

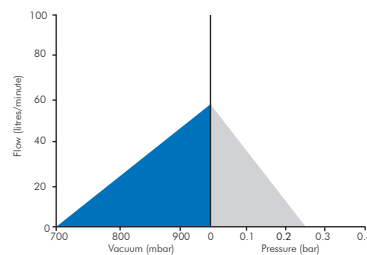
LD DBM30B



Features

- Max Flow: 58.0 l/min
- Max Vacuum: 700 mbar
- Max Pressure: 0.25 bar
- Size: 132 x 118 x 90mm

Performance



Standard Option

Diaphragm: EPDM

-  • 110V • 12V
• 230V • 24V

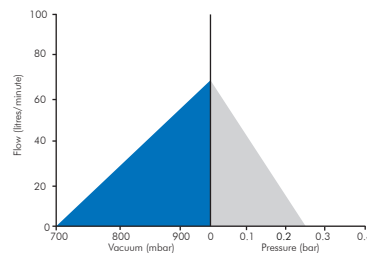
LD DBM40B



Features

- Max Flow: 68.0 l/min
- Max Vacuum: 700 mbar
- Max Pressure: 0.25 bar
- Size: 133 x 118 x 90mm

Performance



Standard Option

Diaphragm: EPDM

-  • 110V
• 230V

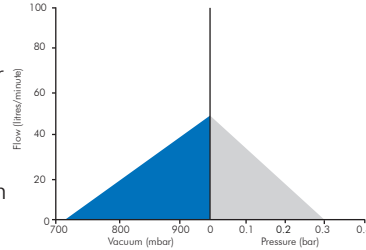
LD 50DE



Features

- Max Flow: 50.0 l/min
- Max Vacuum: 720 mbar
- Max Pressure: 0.3 bar
- Size: 133 x 118 x 90mm

Performance



Standard Option

Diaphragm: EPDM



- 110V
- 230V

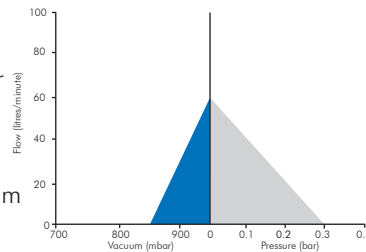
LD 60DE



Features

- Max Flow: 60.0 l/min
- Max Vacuum: 850 mbar
- Max Pressure: 0.3 bar
- Size: 140 x 118 x 100mm

Performance



Standard Option

Diaphragm: EPDM



- 110V
- 230V

PUMP OVERVIEW

Model reference	Pump type	Flow l/min	Vacuum		Pressure bar	AC	Voltage		Options	
			mm Hg	mbar (abs)			DC	Brushless DC	case	portable
LD10	LD	10.0	100	880	0.25					
LD15	LD	15.0	160	800	0.30	●				
LD30	LD	30.0	190	750	0.30	●				
LD20 DE	LD	20.0	-	-	0.20	●				
LD25 DE	LD	25.0	-	-	0.25	●				
LD50 DE	LD	50.0	-	-	0.30	●				
LD60 DE	LD	60.0	-	-	0.30	●				
LD AE3	LD	3.50	-	-	0.15	●				
LD DB5	LD	9.0	-	-	0.04	●				
LD DM5	LD	8.0	-	-	0.04	●				
LD DB10	LD	9.5	-	-	0.10	●				
LD DBM10S	LD	9.0	-	-	0.10	●				
LD DM20	LD	22.0	-	310	0.10	●				
LD DBM25B	LD	22.0	-	-	0.13	●				
LD BM30	LD	30.0	-	320	0.13	●				
LD BM40B	LD	42.0	-	330	0.13	●				

COULDN'T FIND WHAT YOU WERE LOOKING FOR?

Charles Austen Pumps also provides Waste Water Treatment, Condensate Removal, Aquatics & Hydroponic Pumps