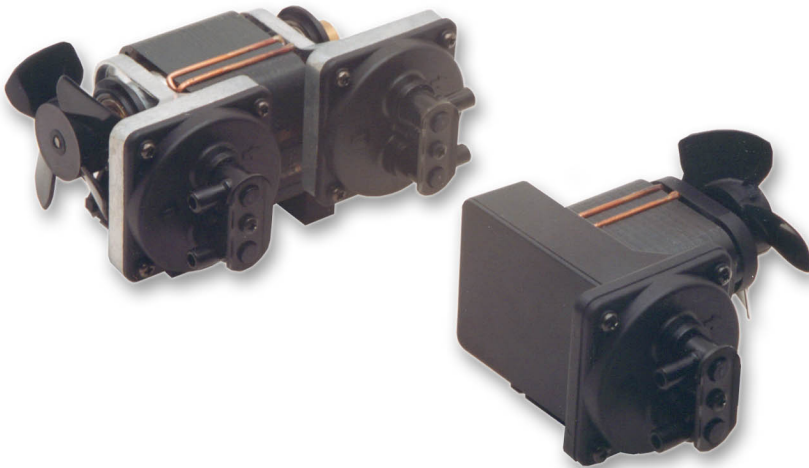


D7

Oil-Free Diaphragm Pump



Max Flow	26 l/min
Max Vacuum	80 mbar
Max Pressure	2.0 bar

Contamination free pumping

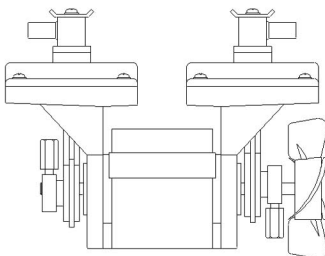
The D7 vacuum pump/compressor provides a clean oil free vacuum and pressure source. Suitable for continuous duty the D7 is ideal for use in medical and sampling applications where long term reliability is essential.

Adaptability and long life

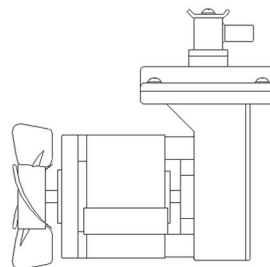
Manufactured from high quality components the D7 offers over 8,000 hours between service intervals and is available with a wide variety of motor voltages including a universal motor which can be used with both a 110v and 230v power supply. The pump performance can be customised to suit each individual client's requirements

Versatile OEM Installation

Designed for use in compact installations the D7 offers exceptional performance for its size. The unique design allows the user to rotate the pump heads to provide process connections in any orientation. The D7 is also available with a variety of mounting brackets and anti-vibration mounts for easy installation.

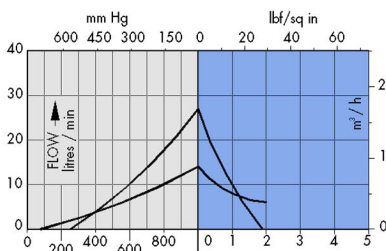


D7 DE double ended pump
OEM model can be connected
in series or parallel

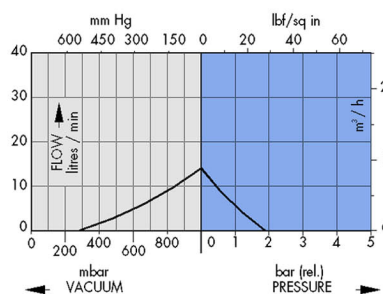


D7 SE single ended pump

D7 DE



D7 SE



Corrosion resistant options

The D7 can be upgraded with a range of optional material components providing resistance to a wide range of corrosive gases and vapours

Application ideas

Application ideas include blood pressure monitors, benchtop autoclaves, air data test sets and gas sampling.



Technical Specifications

D7

Motor Type:

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
D7 SE	1.8A	0.9A	2.0A	0.45A	0.5A	1.0A
D7 DE	1.1A	1.4A	2.0A	0.5A	0.6A	1.0A

Performance:

model no.	max. free flow l/min	max. vacuum mbar (abs)	max. pressure bar
D7 SE, DA7C	14.0	240	1.8
D7 DE series connected	14.0	80	2.0*
D7 DE parallel connected	26.0	240	1.8

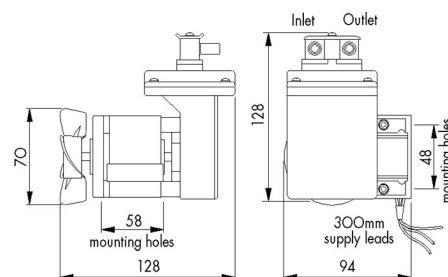
* recommended maximum working pressure

Connectors:

Plain, horizontal, Nylon 8.0mm OD
 Optional: horizontal - Nylon 6.4mm OD, Polypropylene 8.0mm OD
 Vertical - Nylon 8.0mm OD, Polypropylene 8.0mm OD, Aluminium 6.0 & 8.0mm OD, Stainless Steel 6.0, 6.4 & 8.0mm OD, PTFE 8.0mm OD

D7 SE 1.6kg

dimensions: mm

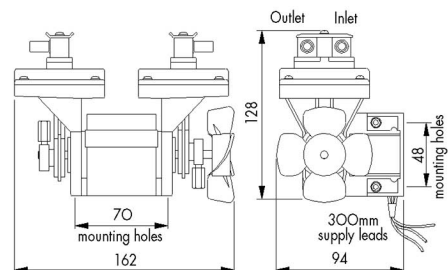


Pump Materials:

With the option of appropriate materials for the head and flexibles, DA7 pumps will handle a wide range of corrosive gases.

component	standard	options
Head	Nylon	Polypropylene/stainless steel, PTFE coated
Diaphragm/Valves	EPDM/Nitrile	PTFE, Viton
Connectors	Nylon	see above
'O' Rings	Nitrile	PTFE, Viton

D7 DE 2.0kg



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.

S30-204/3