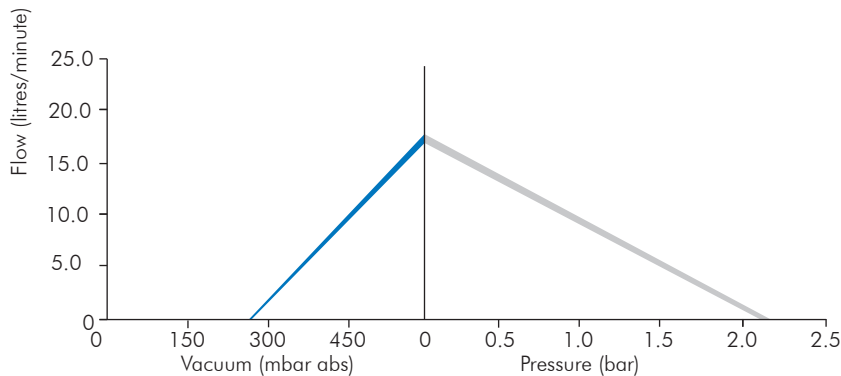


BlueDiamond OEM Pumps Inc

Performance Ranges Available

D14 Series

Oil-Free - Liquid Diaphragm Pumps



D14 AC



D14 DC



Features

- Suitable for continuous duty
- Suitable for applications where long term reliability is essential
- High quality components which can be upgraded
- Offers over 8000 hours between service intervals
- Designed for compact installations
- Pump head can be rotated to provide process connections in any orientation
- Upgraded components provide resistance to a wide range of corrosive gases and vapours
- Available with mounting brackets and anti vibration mounts
- BLDC variants available

Application Ideas

- Blood pressure monitors
- Gas Sampling
- Air data test sets

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D14 Series

Oil-Free - Liquid Diaphragm Pumps

Motor Type:

D14 DC: Permanent magnet. 2800 RPM. Maximum permissible ambient 40°C

Model no.	12V			24V		
	Operating Current	Max Load	Fuse Rating	Operating Current	Max Load	Fuse Rating
D14 SE DC	1.0A	2.0A	-	0.5A	1.0A	-
D14 SE BLDC	1.0A	2.0A	-	0.5A	1.0A	-

Connectors:

Plain, horizontal, nylon 8.0mm OD

Optional: horizontal - nylon 6.4mm, 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

Performance

Model no.	Max. free flow l/min	Max. vacuum mbar (abs)	Max. Pressure bar
D14 SE DC	17.0	240	2.2
D14 SE BLDC	-	-	-

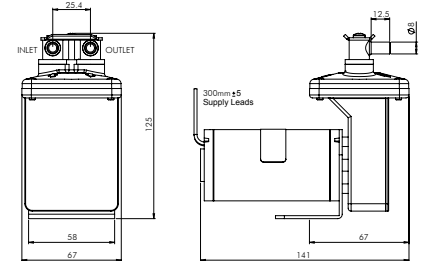
Pump Materials:

With the option of appropriate materials for the head and flexibles, D14 pumps will handle a wide range of corrosive gases.

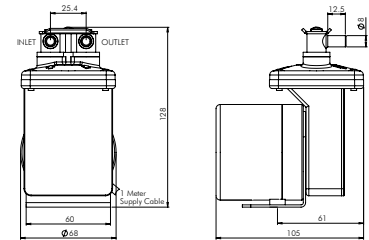
Component	Standard	Options
Head	Nylon	Polypropylene, aluminium, stainless steel, PTFE coated
Diaphragm	EPDM/Nitrile	PTFE, Viton
Connectors	Nylon	Polypropylene, aluminium, stainless steel, PTFE coated
'O' Rings	Nitrile	Nitrile or viton

Dimensions (mm)

D14 SE DC



D14 SE BLDC



Please note - 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 requirements of the application.

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