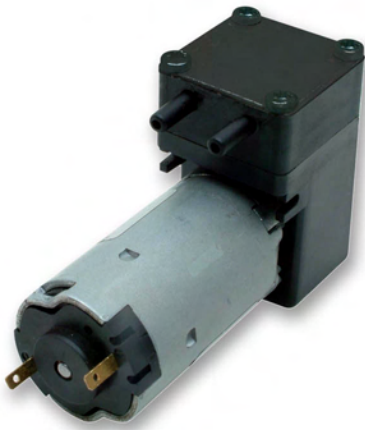




## D3

### Oil-Free Diaphragm Pump



Max Flow	3.0 l/min
Max Vacuum	350 mbar (abs)
Max Pressure	1.8 bar

#### Contamination free pumping

The D3 vacuum pump/compressor provides a clean oil free vacuum and pressure source in a low cost compact unit. D3 pumps are ideal for portable or installations where space is a premium.

#### Adaptable and efficient

Available in either 12v, 24v or with a long life brushless DC motor which is suitable for continuous duty, low maintenance applications. D3 pumps have extremely low power consumption

#### Compact OEM installation

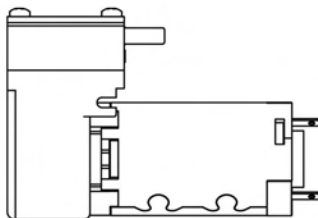
Lightweight components, slimline design and the ability to easily rotate the pump head has been incorporated for minimal weight and space saving. The D3 is also available with a wide range of mounting brackets and anti-vibration mounts for easy installation.

#### Corrosion resistant options

The D3 can be upgraded with a range of optional material components providing resistance to a wide range of corrosive gases and vapours

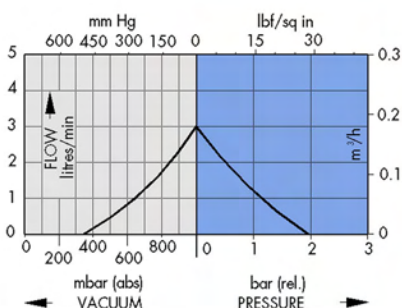
#### Application ideas

Application ideas beverage dispense, gas sampling, IVF treatment, instrument actuation and ink jet printing.



D3 pump  
Single ended pump

D3



# Technical Specifications

## D3

### Motor Type:

- DC** Permanent magnet  
**BLDC** Brushless with integrated electronics

model no.	12V DC			24V DC		
	operating current	max. load	fuse rating	operating current	max. load	fuse rating
D3	0.4A	0.5A	1.0A	0.15A	0.25A	0.5A
D3 BLDC	0.4A	0.45A	1.0A	0.2A	0.25A	0.5A

### Performance:

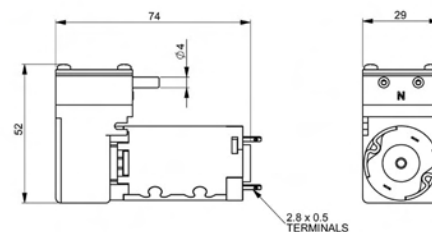
model no.	max. free flow l/min	max. vacuum mbar (abs)	max. pressure bar
D3	3.0	350	1.8

### Connectors:

Plain, integral, 4.0mm OD

**D3 150g**

dimensions: mm

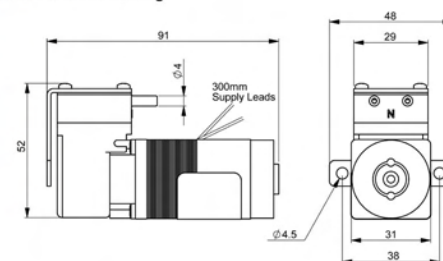


### Pump Materials:

With the option of appropriate materials for the head and flexibles, D3 pumps will handle a wide range of corrosive gases.

component	standard	options
Head	Nylon	Polypropylene
Diaphragm	EPDM	PTFE, Viton
Valves & Gasket	EPDM	PTFE, Viton
Clamp plate	Nylon	Stainless Steel
Screw	Stainless Steel	-
Pins	PVDF	Stainless Steel

**D3 BLDC 260g**



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.

S30-239/1