

Oil-Free

Rocking Piston Pump

RP75V



Max Flow
150 l/min
Max Vacuum
722 mm Hg

Contamination free pumping

The RP75 Rocking Piston Pump provides a clean oil-free vacuum source for use with either vapours or gases. Suitable for continuous duty the RP75V is ideal for a wide range of industries, especially where oil mist contamination is undesirable.

Adaptability and long life

Suitable for OEM applications where reliability is essential. Featuring the higher performance of a piston pump with the simplicity of the diaphragm pump in a small economic unit. The performance can be customised to suit each clients individual requirements

Integral air cooling

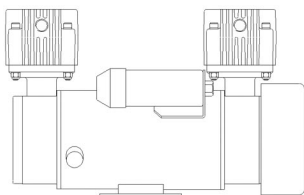
Incorporated within the head assembly of the RP75V is a forced air cooling system. This redirects crankcase pressure through cooling ports in the cast alloy head enabling the pump to stay cool even when run continuously.

Corrosion resistant options

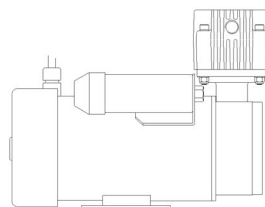
The RP75V pump incorporates corrosion protection for all aluminium wetted parts.

Application ideas

Application ideas include degassing oil, liquids and resins, environmental sampling and vacuum frame holding for graphic arts.

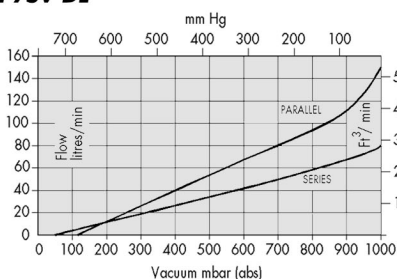


RP75V DE double ended pump
OEM model can be connected
in series or parallel

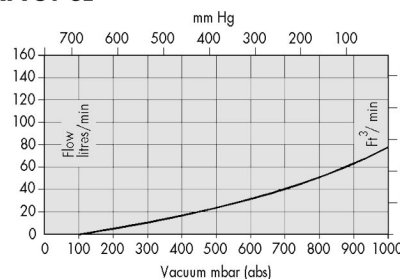


RP75V SE single ended pump

RP75V DE



RP75V SE



Technical Specifications

RP75V

Motor Type:

IP44 Permanent Capacitor. Totally enclosed fan cooled 2800 RPM.
Thermal Protection 140°C. Max ambient temperature 40°C
DC Motors 12V and 24V available.

model no.	110/115V 50/60Hz			230V 50Hz		
	operating current	max. load	fuse rating	operating current	max. load	fuse rating
RP75V	3.2A	3.5A	6.0A	1.6A	1.75A	3.0

Performance:

model no.	max. free flow l/min	max. vacuum mbar (abs)	max. vacuum mm Hg
RP75V SE	75.0	<120.0	670.0
RP75V DE (parallel)	150.0	<120.0	722.0
RP75V DE (series)	75.0	<50.0	722.0

Pump Materials:

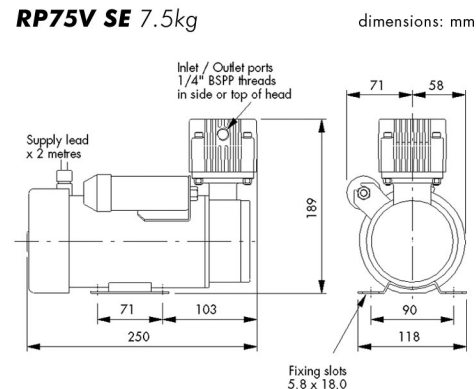
The RP75V pump incorporates corrosion protection for all aluminium wetted parts.

component	standard
Head	Aluminium/ Hard Anodised
Valves	Stainless Steel
Connectors	Brass
Piston Seal	Filled PTFE

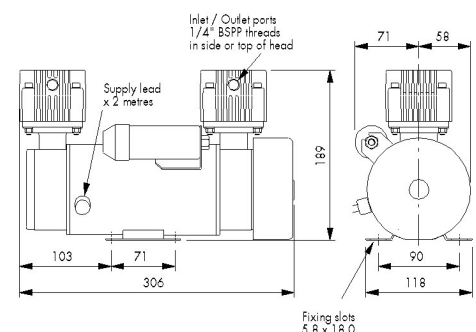
Connectors:

1/4" BSP female threaded connectors

RP75V SE 7.5kg



RP75V DE 9.0kg



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.