



Liquid Centrifugal Pump

B15, B25, P16



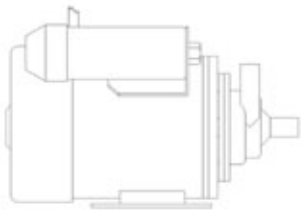
B15/B25	Max Flow	P16
45 l/min		26 l/min
Max Pressure		
0.6 bar		1.0 bar
Max Head		
6.0 m		10.0 m

Oil free, low maintenance pumping

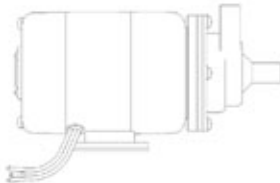
Three sizes of centrifugal pumps are available for the transfer of liquids in both OEM and laboratory applications even when solid particles are present. Designed for continuous duty these pumps have a smooth pulse free output. Proven applications include circulation and cooling especially with distilled water and dilute acids.

Proven performance and reliability

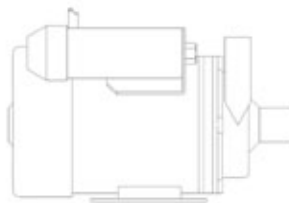
With exception flow for their size the range incorporates simple design with rugged components proven in service over many years. The compact design and integral mounting bracket ensure the pumps are ideal for low space installations. When used in conjunction with the Unex hose clip the pump inlet and outlet is compatible with a wide range of tube sizes (see accessory brochure).



B15 single ended pump
OEM model



P16 single ended pump
OEM model



B25 single ended pump
OEM model

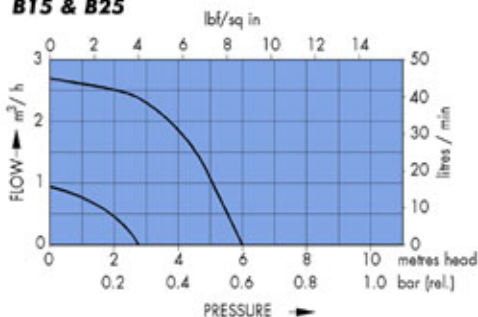
Corrosion resistant options

Each of these models can be specified with an optional range of materials to ensure resistance to a range of mildly corrosive liquids. Contact our technical department for further information.

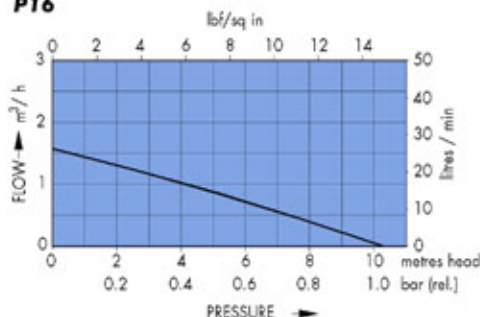
Optional benchtop versions

Versions of the B15, B25 and P16 are available supplied housed in a splash proof metal case conforming to the IEC 1010 safety standard, proving ideal for laboratory benchtop applications. The P16C version is supplied complete with a useful variable speed control allowing the user to set the flow rate between 12 and 26 l/min (see laboratory brochure).

B15 & B25



P16



Application ideas

Application ideas include laser cooling, coolant recirculation, lubrication oil pumping and liquid transfer in the laboratory.

Technical Specifications

B15, B25, P16

Motor Type:

B15 & B25 Permanent capacitor 2800 RPM, thermal protection 140°C.
P16 Series wound

model no.	110/115V 50/60Hz			230V 50Hz		
	operating current	max. load	fuse rating	operating current	max. load	fuse rating
B15	0.8A	0.9A	2.0A	0.45A	0.5A	1.0A
B25	1.4A	1.8A	2.0A	0.5A	0.7A	1.0A
P16	1.0A	1.2A	2.0A	0.7A	0.9A	2.0A

Connectors:

	B15	B25	P16
inlet size mm OD	13.3	25.0	13.3
outlet size mm OD	13.3	19.0	13.3

Performance:

model no.	flow at zero head l/min	nominal max. head metres	max. pressure bar
B15, B15C	15.0	3.0	0.3
P16, P16C	26.0	10.0	1.0
B25, B25C	45.0	6.0	0.6

Pump Material Options:

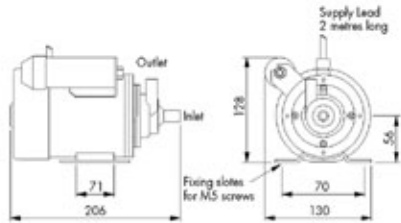
With the appropriate materials of construction, the pump will handle a range of mildly corrosive liquids.

component	standard	options
Impeller and housing	Noryl	n/a
Pump shaft	stainless steel	Titanium
Seal & 'O' ring	Nitrile	Viton

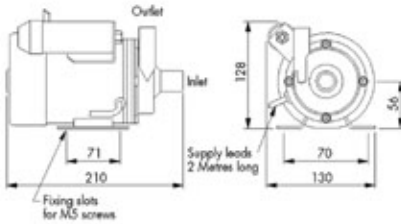
distributed by:

B15 1.6kg

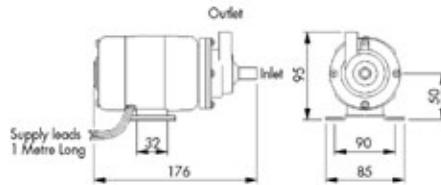
dimensions: mm



B25 2.7kg



P16 2.0kg



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.

S30-224/1