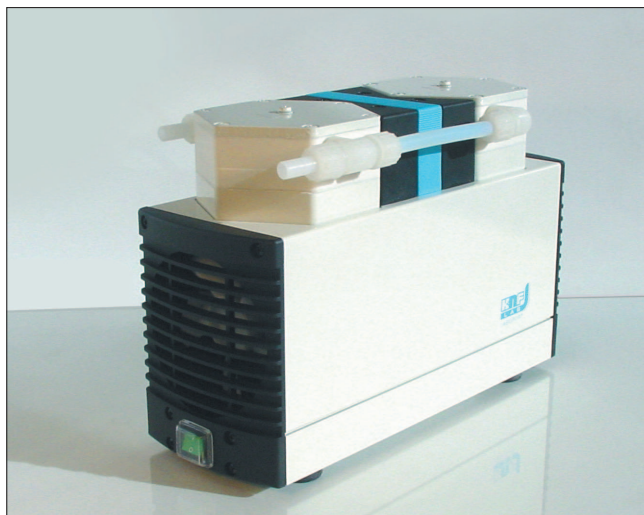




Diaphragm Pumps for Air, Gases and Vapours



LABOPORT® Chemically-resistant Diaphragm Vacuum Pump

Technical features:

- 100% oil-free transfer
- Pure transferring and evacuation of gases
- Highly compatible with vapours and condensation
- Chemically-resistant
- Therefore suitable for highly aggressive or corrosive gases and vapours
- Maintenance-free
- Environmentally friendly
- Gastight, leakage rate approx. 6×10^{-3} mbar x l/s, not tested in serial production.

Serie LABOPORT® N 840.1.2 FT.18 Pump

The chemically-resistant serie N 840.1.2 diaphragm pump is a double-head, dry-running device used in a wide range of laboratory applications. These pump transfer and pump down without contamination.

The heart of this very compact pump is a KNF structured diaphragm. This patented diaphragm was stress-optimized using the Finite Elements method. As a result, we were able to make the pump smaller while increasing the service life of the diaphragm.

Technical data: **N 840.1.2 FT.18**

Delivery (l/min) ¹⁾	60
Ultimate vacuum (mbar abs.)	90
operating pressure (bar g)	1
Connectors for tube (mm)	ID 10
Permissible gas and ambient temperature	+5...+40 °C
Mains	230V/50Hz
Motor protection	IP 44
Power P ₁	270 W
Operating current	1.9 A
Weight	12.6 kg
Dimensions	
LxHxW (mm)	341/226/160
With thermal switch and power fuse	

Motors with other voltages and frequencies on request.

Material in contact with the pumped media

Type/OrderNo.	Pump head	Diaphragm	Valves
N 840.1.2 FT.18	PTFE	PTFE-coated	FFPM

¹⁾ at atm. pressure

Spare parts

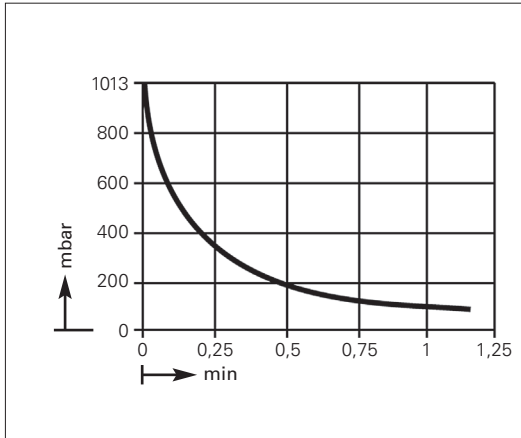
Description	Order No.
Spares kit	057359



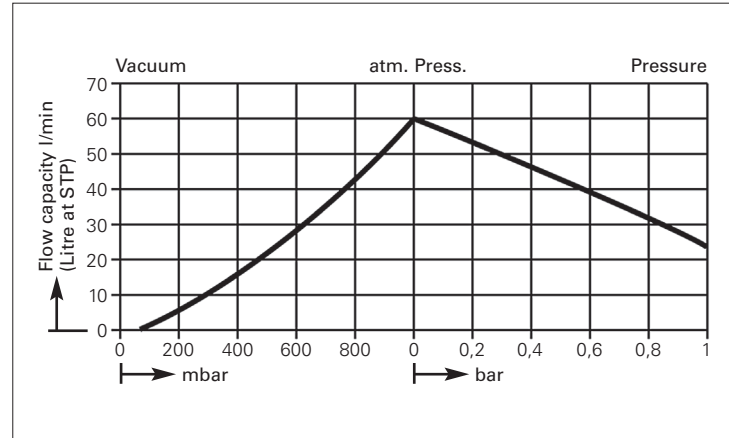
Diaphragm Pumps for Air, Gases and Vapours

Dimensions and performance characteristics

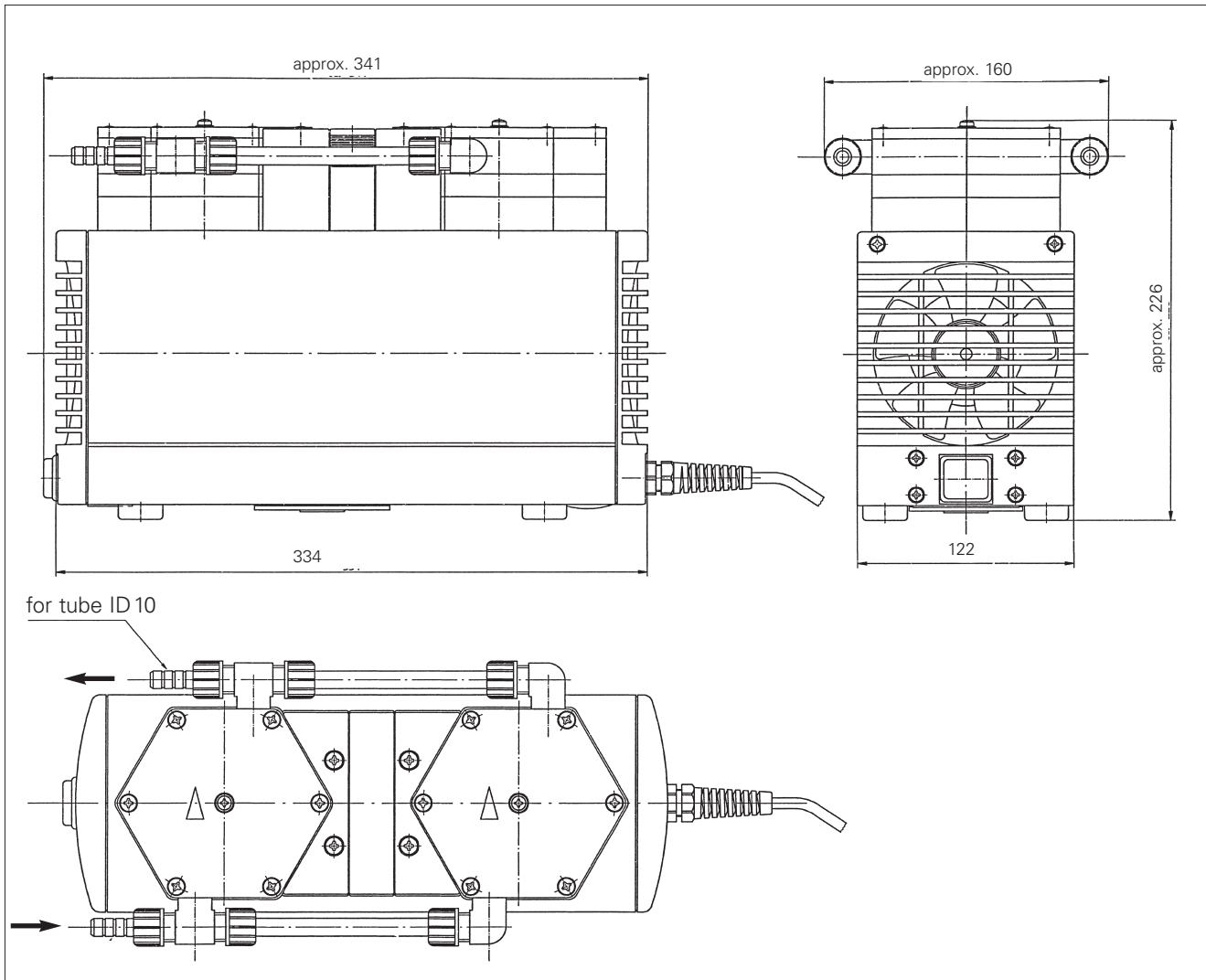
Pump down time for 10 l receiver



Performance characteristics



Dimensions (mm)





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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

