



Diaphragm Pumps for Air, Gases and Vapours



Diaphragm Vacuum Pumps and Compressors

Technical features:

- 100% oil-free transfer
- Pure transferring, evacuation and compression of gases
- Version for slightly 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.

Series N 022 A_.18 Pumps

Series N 022 diaphragm pumps are single-head, dry-running devices used in a wide range of laboratory applications. They transfer, compress and pump down without contamination. The pumps are available in various versions differing in the materials which contact the media.

Technical data:	N 022 AN.18	N 022 AT.18
Delivery (l/min) ¹⁾	15	13
Ultimate vacuum (mbar abs.)	100	100
Operating pressure (bar g)	4	4
Connectors for tube (mm)	ID 6	ID 6
Permissible gas and ambient temperature	+5...+40 °C	+5...+40 °C
Mains	230V/50Hz	230V/50Hz
Motor protection	IP 20	IP 20
Power P ₁	100 W	100 W
Operating current	0.7 A	0.7 A
Weight	4 kg	4 kg
Dimensions LxHxW (mm)	203/194/145	203/194/145
With thermal switch		

Material in contact with the pumped media

Type/OrderNo.	Pump head	Diaphragm	Valves
N 022 AN.18	Aluminium	CR	Stainless steel
N 022 AT.18	Aluminium	PTFE-coated	Stainless steel

Motors with other voltages and frequencies on request.

¹⁾ at atm. pressure

Accessories

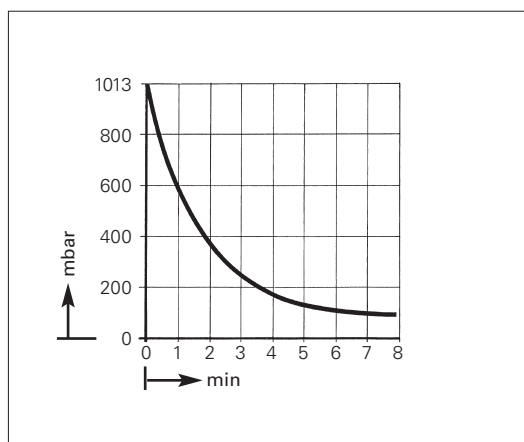
Description	Details	for Type	Order No.
Silencer/Filter	G 1/8		000346
Pressure relief valve	4 bar	N 022 AN.18	000351
Fine control valve with pressure gauge	pressure side	N 022 AN.18	000349
Fine control valve with vacuum gauge	suction side	N 022 AN.18	000350



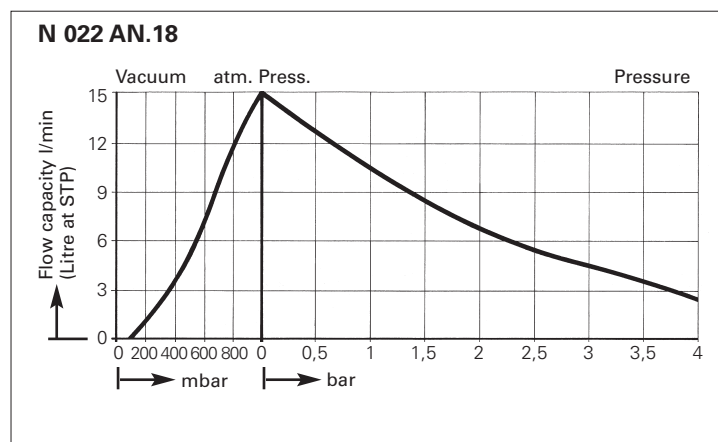
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Dimensions and performance characteristics

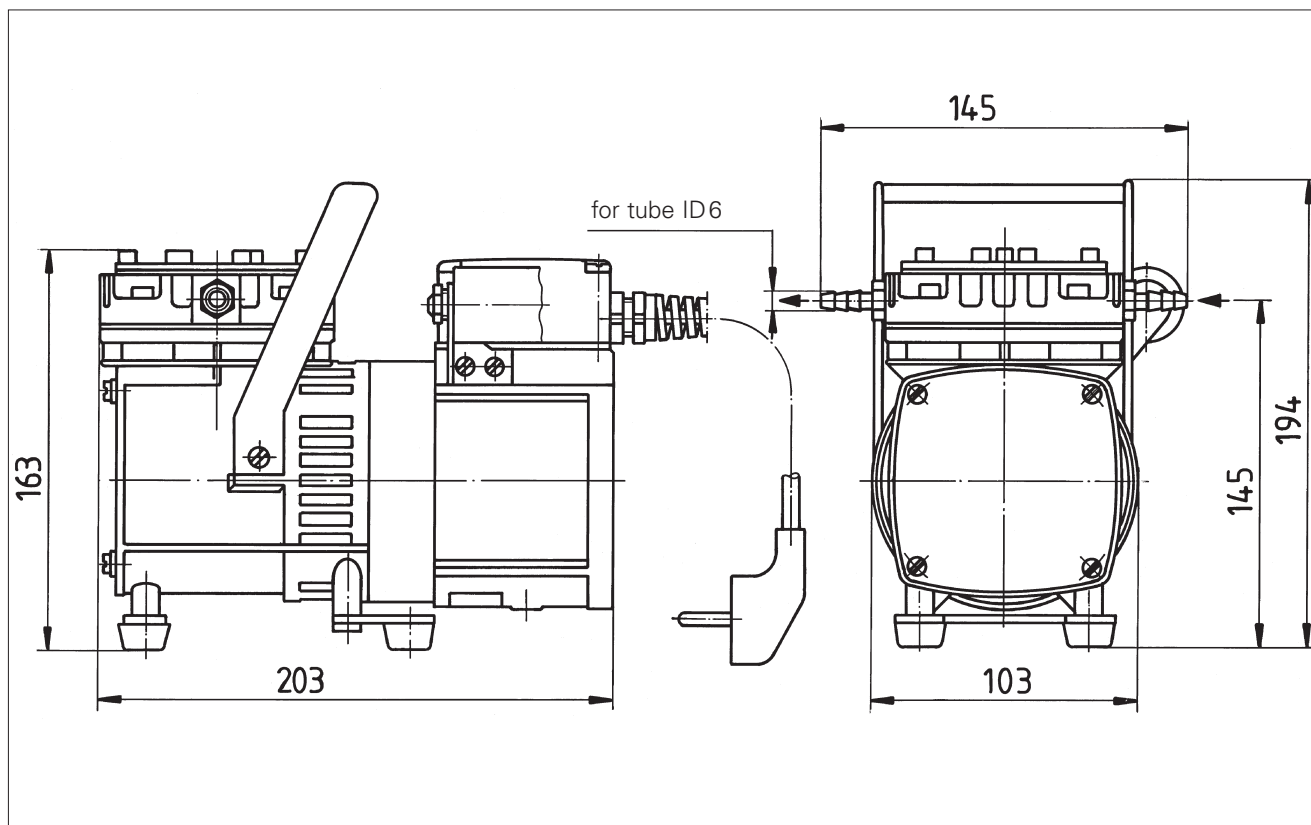
Pump down time for 20 l receiver



Performance characteristics



Dimensions (mm)





WolfLabs

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.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.