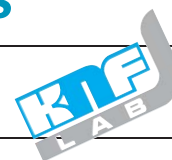


Diaphragm Pumps for Air, Gases and Vapours

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Diaphragm Vacuum Pumps and Compressors

Technical features:

- 100% oil-free transfer
- Pure transfer, evacuation and compression
- 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.

Material in contact with the pumped media

Type/Order No.	Pump head	Diaphragm	Valves
N 022 AN.18	Aluminium	CR	Stainless steel
N 022 AT.18	Aluminium	PTFE-coated	Stainless steel

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		

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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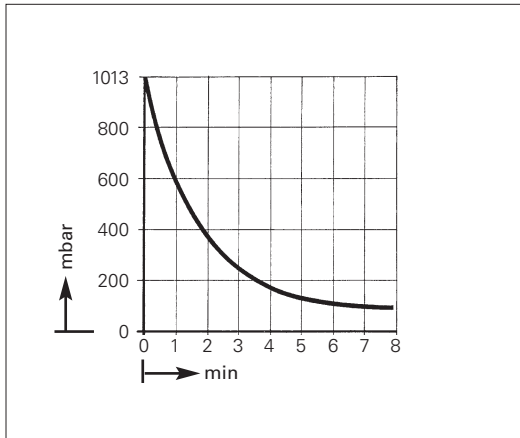
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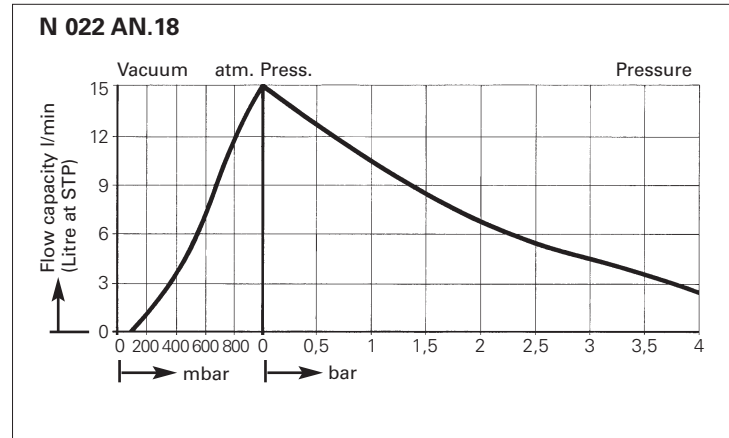


Dimensions and performance characteristics

Pump down time for 20 l receiver



Performance characteristics



Dimensions (mm)

