

# Diaphragm Pumps for Air, Gases and Vapours



Pumps Model PM25770-022

## Diaphragm Vacuum Pumps and Compressors

Technical features:

- 100% oil-free transfer
- Pure transferring, evacuation and compression of gases
- Version for adjustable flow rate or vacuum-pressure level by fine control valves
- Maintenance-free
- Environmentally friendly
- Gastight, leakage rate approx.  $6 \times 10^{-3}$  mbar x l/s, not tested in serial production.

PM25770-022 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 assembly with fine control valve with gauge at suction and pressure side for control desire flow rate and vacuum level.

Technical data:	PM25770-022
Delivery (l/min) <sup>1)</sup>	15
Ultimate vacuum (mbar abs.)	100
Operating pressure (bar g)	4
Connectors for tube (mm)	ID 6
Permissible gas and ambient temperature	+5...+40 °C
Mains	230V/50Hz
Motor protection	IP 20
Power P <sub>1</sub>	100 W
Operating current	0.7 A
Weight	4 kg
Dimensions (excluding valve and gauge) LxHxW (mm)	203/194/145

Material in contact with the pumped media

Type/OrderNo.	Pump head	Diaphragm	Valves
PM25770-022	Aluminium	CR	Stainless steel

With thermal switch  
Motors with other voltages and frequencies on request.

### Application in Laboratory

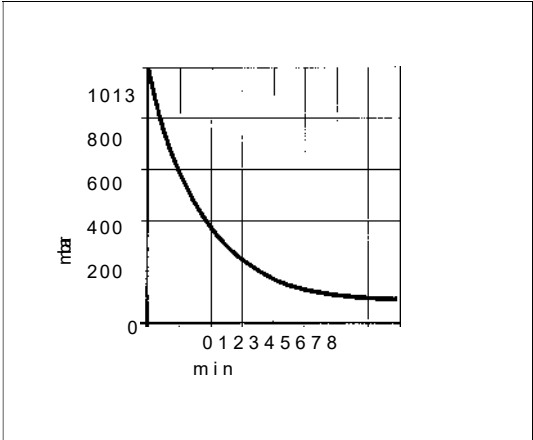
- Degassing
- Desiccation
- Filtration
- Fluid aspiration
- General Purpose for suction or pressure application

1) at atm. pressure

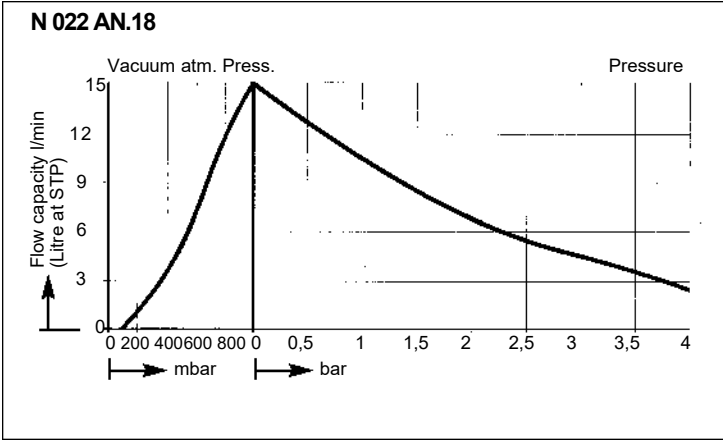
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## Dimensions and performance characteristics

Pump down time for 20 l receiver



Performance characteristics



Dimensions (mm)

