



Diaphragm Pumps for Air, Gases and Vapours



LABOPORT® Mini Diaphragm Vacuum Pumps

Technical features:

- 100% oil-free transfer
- Pure transferring and evacuation of gases
- Version for slightly aggressive or corrosive gases and vapours
- Maintenance-free
- Environmentally friendly
- High level of gas tightness.

Series LABOPORT® N 938.50 K_.18 Pumps

Series N 938.50 diaphragm pumps are double-head, dry-running devices used in a wide range of laboratory applications. They transfer and pump down without contamination. The pumps are equipped with parallel and series connection for the pump heads - resulting in a high pneumatic performance, a durable product and compact size. Special valves ensure that the product can cope easily with vapour and condensation. 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 938.50 KN.18	PPS	EPDM	EPDM
N 938.50 KT.18	PPS	PTFE-coated	FFPM

Technical data:	N 938.50 KN.18	N 938.50 KT.18
Delivery (l/min) ¹⁾	32	30
Ultimate vacuum (mbar abs.)	12	15
Operating pressure (bar g)	0.5	0.5
Connectors for tube (mm)	ID 10	ID 10
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	110 W	110 W
Operating current	0.6 A	0.6 A
Weight	6.8 kg	6.8 kg
Dimensions LxHxW (mm)	317/212/110	317/212/110
With thermal switch and power fuse		

Motors with other voltages and frequencies on request.

¹⁾ at atm. pressure

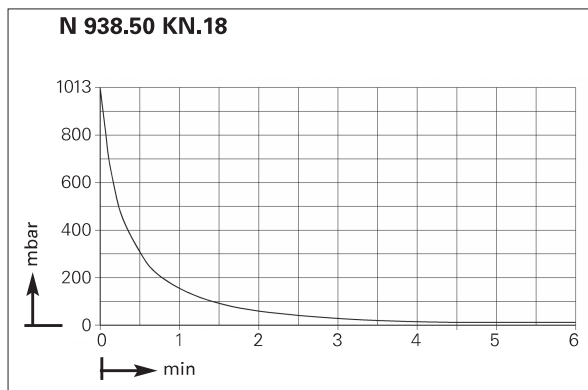
Accessories and spare parts

Description	Details	Order No.
Silencer	G 1/8	007006
Hose connector	G 1/8, PVDF for tube ID 10	112004
Fine control valve with vacuum gauge	suction side	112432
Spares kit	for N 938.50 KN	124808
Spares kit	for N 938.50 KT	124809

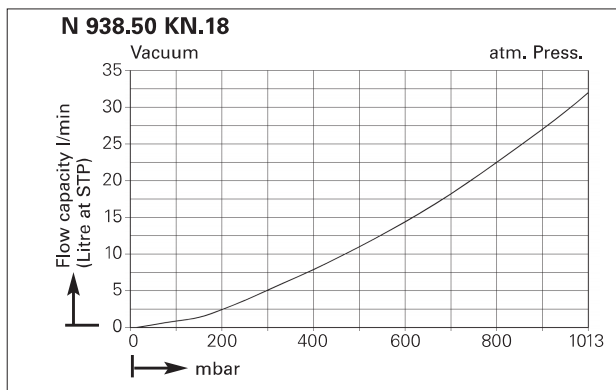


Dimensions and performance characteristics

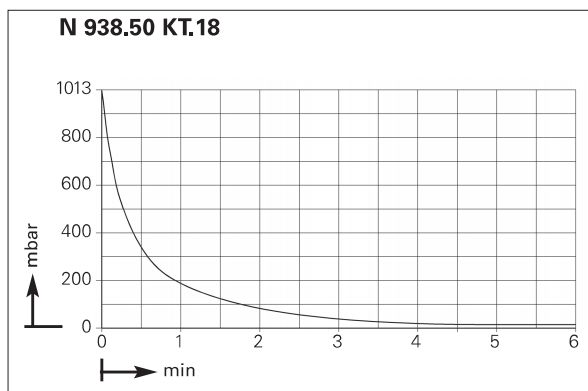
Pump down time for 10 l receiver



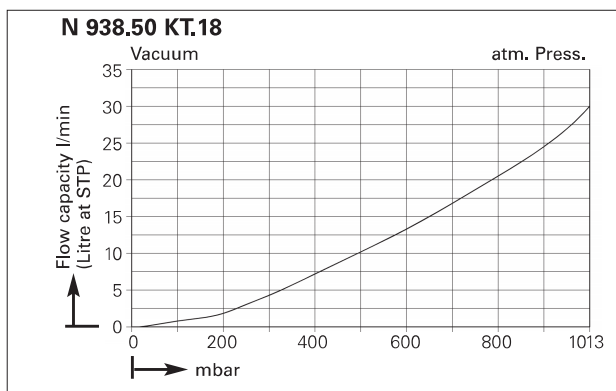
Performance



Pump down time for 10 l receiver



Performance



Dimensions (mm)

