



Diaphragm Pumps for Air, Gases and Vapours



LABOPOINT® 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 LABOPOINT® 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.

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 | | |

Material in contact with the pumped media

| Type/OrderNo. | Pump head | Diaphragm | Valves |
|----------------|-----------|-------------|--------|
| N 938.50 KN.18 | PPS | EPDM | EPDM |
| N 938.50 KT.18 | PPS | PTFE-coated | FFPM |

Motors with other voltages and frequencies on request.

¹⁾ at atm. pressure

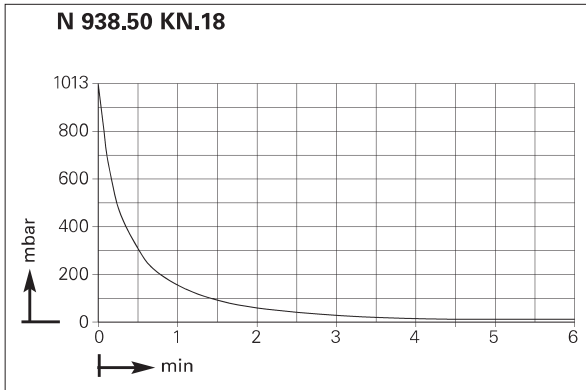
Accessories and spare parts

| 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 |

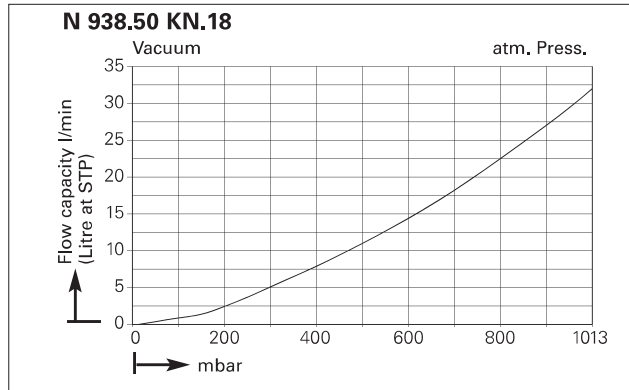


Dimensions and performance characteristics

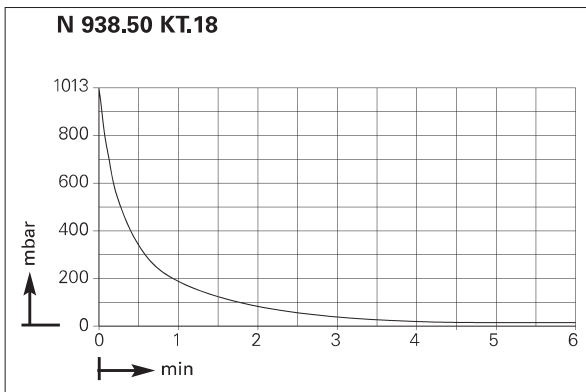
Pump down time for 10 l receiver



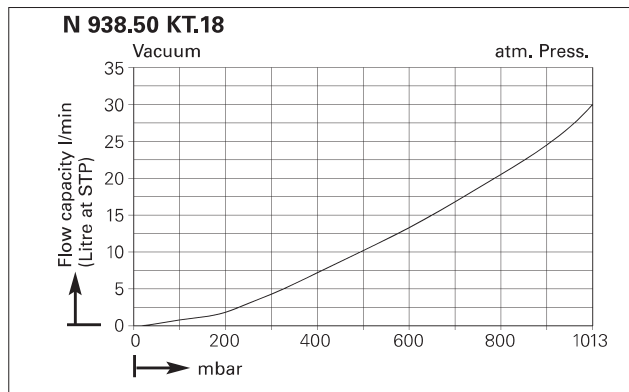
Performance



Pump down time for 10 l receiver



Performance



Dimensions (mm)

