

DIAPHRAGM VACUUM PUMP

LABOPORT® SD N 820.3 FT.40.18



Technical features

- 100 % oil-free transfer – thereby pure transferring, evacuation and compression of gases
- Integrated KNF self-drying system ensures that condensate is quickly removed from the pump heads without the vacuum being altered. This significantly reduces process time and preserves the pump heads.
- Chemically resistant and thus ideal for use with extremely aggressive/corrosive gases and vapors
- Maintenance-free
- Environmentally friendly
- Gastight, leakage rate approx. 6×10^{-3} mbar x l/s, not tested in serial production

Technical data

| | |
|---|-------|
| Flow rate [m ³ /h] at atm. pressure | 1.2 |
| Flow rate [l/min] at atm. pressure | 20 |
| Ultimate vacuum [mbar abs.] | 10 |
| Operating pressure [bar g] | 1 |
| Voltage [V] | 230 |
| Frequencies [Hz] | 50 |
| Motor protection | IP 44 |
| Power P ₁ [W] | 120 |
| Operating current [A] | 0.7 |
| With thermal switch and power fuse | |
| Motors with other voltages and frequencies on request | |

MATERIALS

| | |
|-----------|-------------|
| Pump head | PTFE |
| Diaphragm | PTFE-coated |
| Valves | FFPM |

OTHER DATA

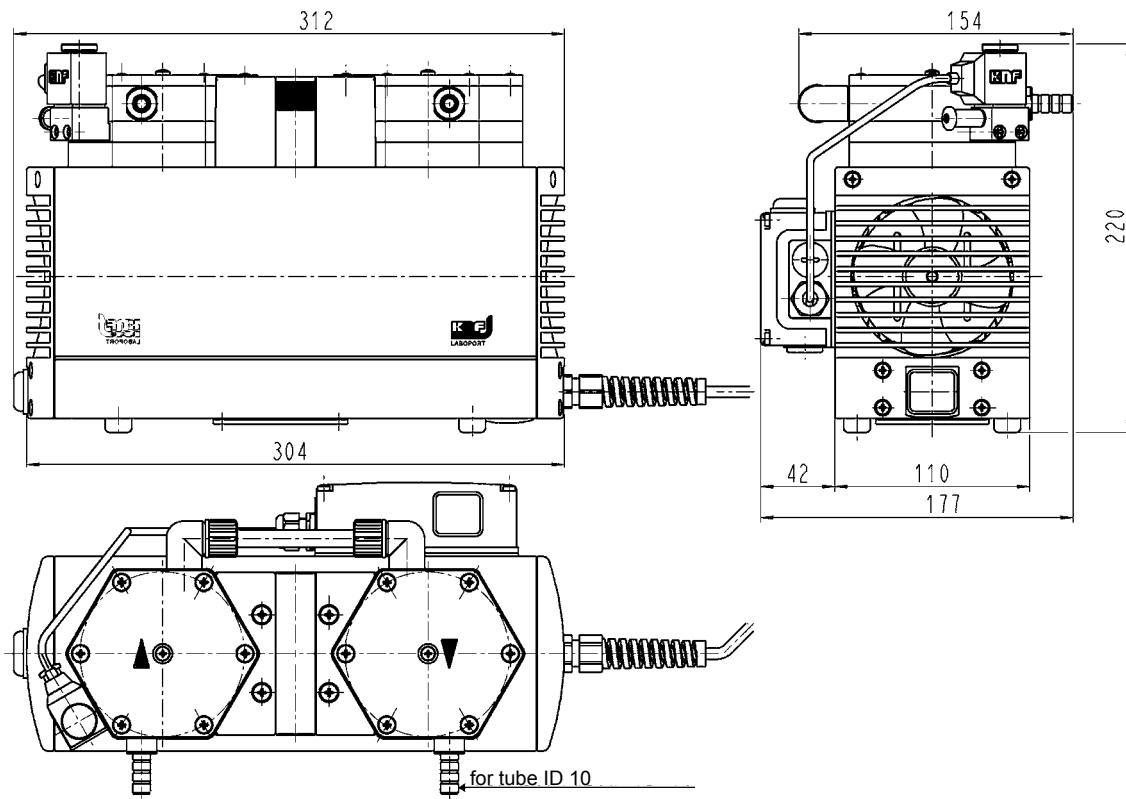
| | |
|--|-----------------|
| Weight [kg] | 9.6 |
| Hose connections | ID 10 |
| Dimensions W x H x D [mm] | 177 x 220 x 312 |
| Permissible media and ambient temperature [°C] | +5 ... +40 |

ACCESSORIES

| | ID |
|------------|--------|
| Spares kit | 057358 |

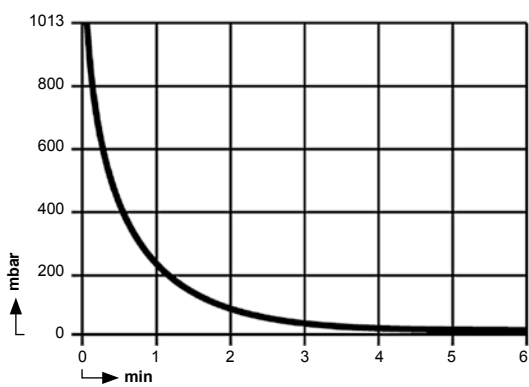
Dimensions

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Performance characteristics

PUMP DOWN TIME FOR 10 LITER VESSEL



FLOW CAPACITY

