

DIAPHRAGM VACUUM PUMP LABOPORT® N 820.3 FT.18

DATA SHEET E 262



Technical features

- 100% oil-free transfer – thereby pure transferring, evacuation and compression of gases
- High level of vapor and condensate compatibility
- TFM™ PTFE pump head combined with PTFE-coated diaphragm are ideal for extremely aggressive/corrosive gases and vapors
- ATEX compliant according to ATEX II 2G IIB+H2 T3X internal atmosphere only
- Environmentally friendly
- High level of gas tightness
- Also available with an integrated gas ballast valve: N 820.3 FT.18 G

Technical data

Flow rate [m³/h] at atm. pressure	1.2
Flow rate [l/min] at atm. pressure	20
Ultimate vacuum [mbar abs.]	8.0 ≤ 15.0 with gas ballast valve in use
Operating pressure [bar]	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	TFM™ PTFE
Diaphragm	PTFE-coated
Valves	FFPM

OTHER DATA

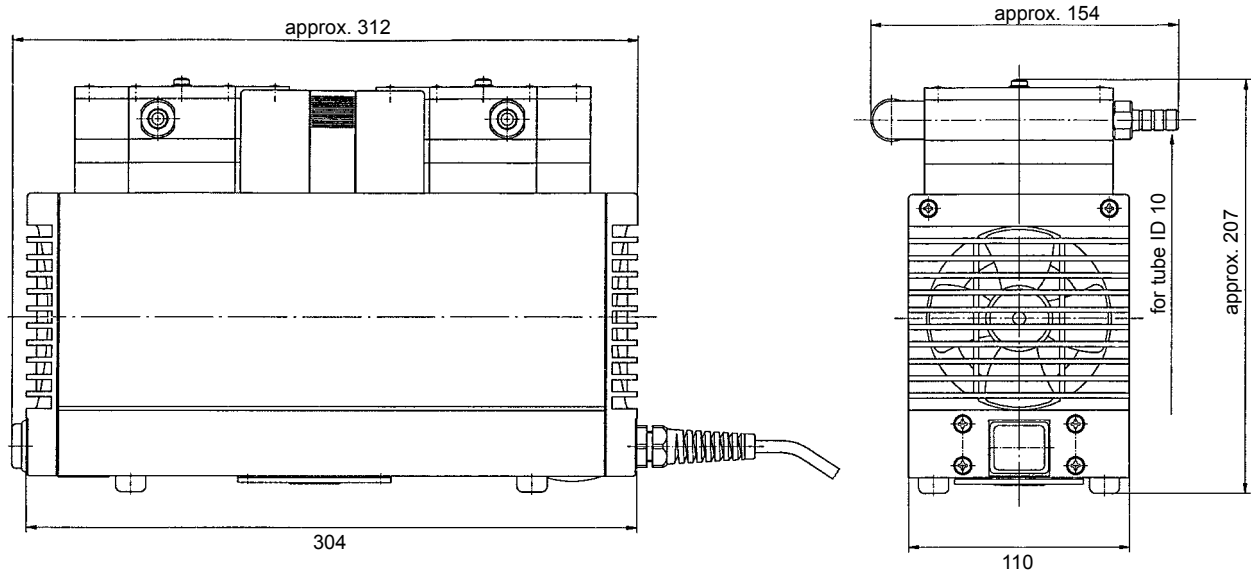
Weight [kg]	9.3
Hose connections	ID 10
Dimensions W x H x D [mm]	154 x 207 x 312
Permissible media and ambient temperature [°C]	+5 to +40

ACCESSORIES

	ID
Spares kit	057358

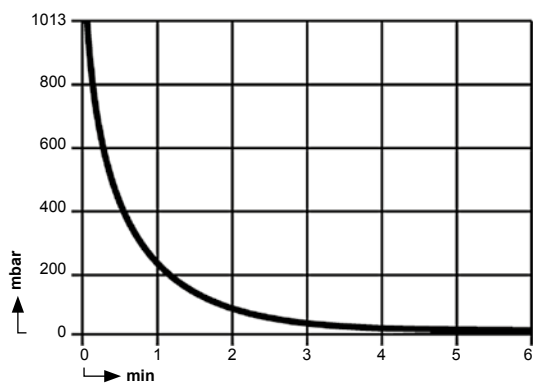
Dimensions

N 820.3 FT.18

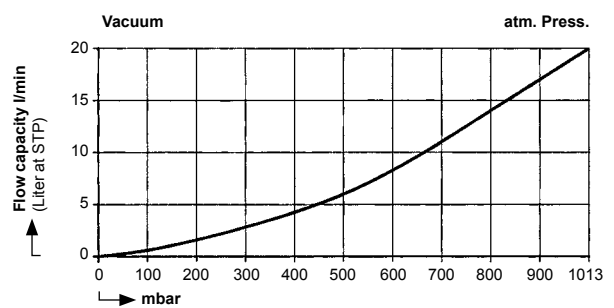


Performance characteristics

PUMP DOWN TIME FOR 10 LITER RECEIVER



FLOW CAPACITY





WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.