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

– ⟨Ex⟩ 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

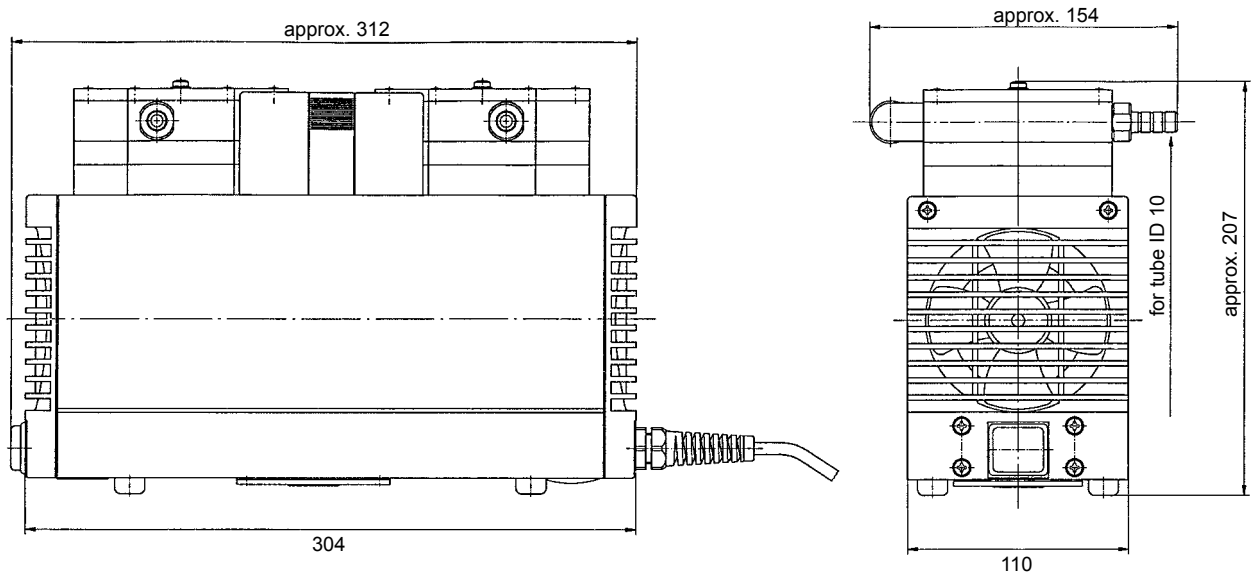
OTHER DATA

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

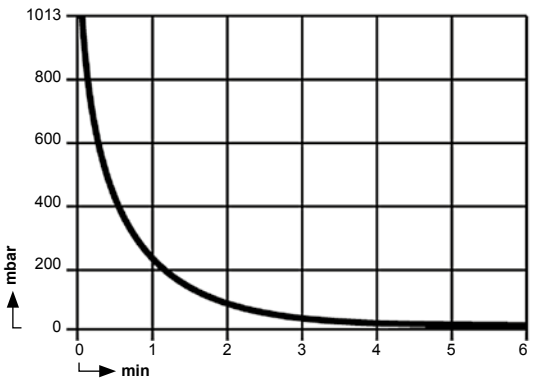
Dimensions

N 820.3 FT.18

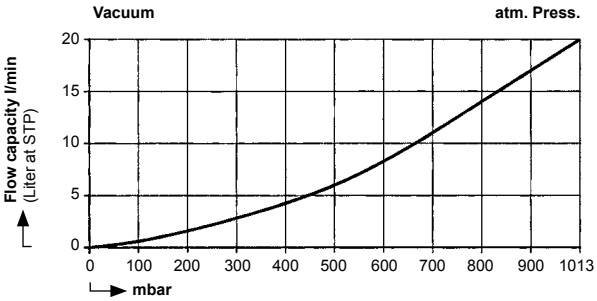


Performance characteristics

PUMP DOWN TIME FOR 10 LITER RECEIVER



FLOW CAPACITY



KNF reserves the right to make technical changes without notice. KNF 05/2017 Produced in Germany

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