DIAPHRAGM VACUUM PUMP
N 920 G

DATA SHEET E 218



Technical features

– 100 % oil-free transfer – thereby pure transferring and evacuation of gases

– High suction speed, particularly in the low vacuum range

– Integrated gas ballast valve

– Integrated rotational speed control enables pumping capacity to be easily adapted manually to process requirements

– Ideal for aggressive/corrosive gases and vapors

– Maintenance-free

– Environmentally friendly

Technical data

Flow rate [m³/h] at atm. pressure	1.26
Flow rate [l/min] at atm. pressure	21
Ultimate vacuum [mbar abs.]	2.0 < 5.0 with gas ballast valve in use
Operating pressure [bar]	0.5
Permissible media temperature [°C]	+5 ... +40
Permissible ambient temperature [°C]	+10 ... +40
Mains [V/Hz]	100 - 240/50 - 60
Motor protection	IP 20
Power P_1 [W]	135
Operating current [A]	1.4
With overcurrent protection and main fuse	

OTHER DATA

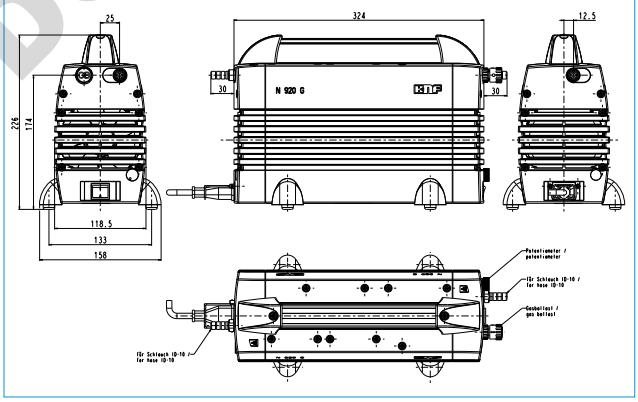
Hose connections [mm]	for tube ID 10
Weight [kg]	8.5
Dimensions W x H x D [mm]	158 x 226 x 324

MATERIALS

Pump head	PPS
Diaphragm	PTFE-coated
Valves	FFPM

Dimensions

N 920 G

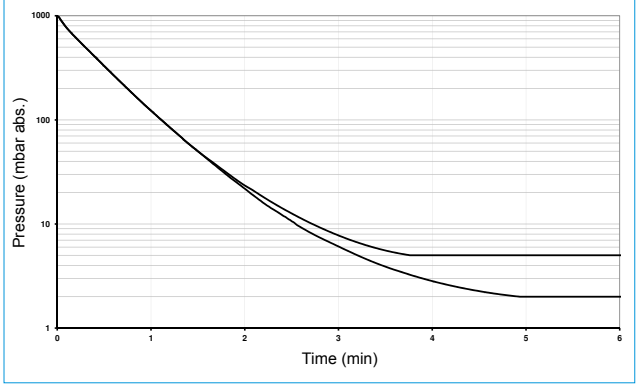


ACCESSORIES	ID
Silencer G 1/8	007006
Fine control valve with vacuum gauge	112432
Small flange, stainless steel SF 16	046625
Spares kit	111905

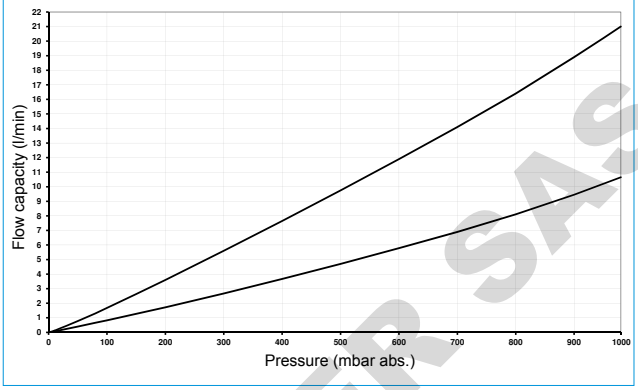
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Performance characteristics

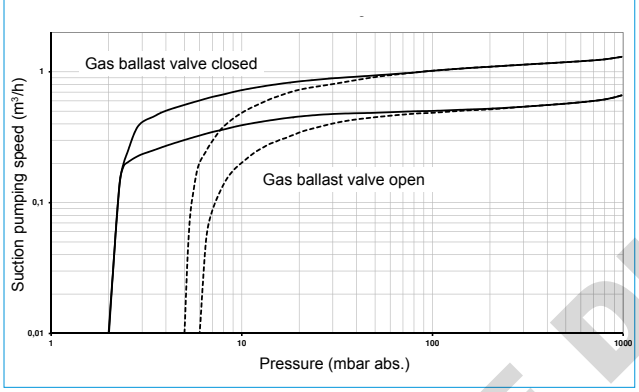
PUMP DOWN TIME FOR 10 LITER VESSEL AT MAX. MOTOR SPEED, GASBALLAST VALVE OPEN/CLOSED



FLOW CAPACITY AT MIN./MAX. MOTOR SPEED GAS BALLAST VALVE CLOSED



SUCTION PUMPING SPEED AT MIN./MAX. MOTOR SPEED GAS BALLAST VALVE OPEN/CLOSED



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We reserve the right to make technical changes. KNF 08/2023. www.knf.com