

**KNF Neuberger GmbH
Diaphragm Pumps + Systems**

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**Diaphragm
Compressors and Vacuum Pumps
N 0100...11 E – Heated up to 240°C**

Data Sheet E 075

Max. flow rate: 100 l/min.
(at atmospheric pressure and 20°C)
Maximum pressure at 240°C: 1,5 bar g
Ultimate vacuum: 180 mbar (135 Torr)

Single head OEM type diaphragm compressor/vacuum pump in heated version.

Maximum gas inlet temperature 240°C.



N 0100 AT.11 E

Model codes and Materials:

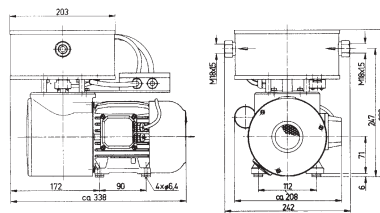
N 0100 AT.11 E	Aluminium/PTFE (Standard Model)
	Corrosion resistant type:
N 0100 ST.11 E	Stainless Steel/PTFE

Head temperature thermostatically controlled at ca. 240°C. For other temperatures use one of our pumps with electronic temperature control—please ask us for details.

KNF Features:

- Heating of the heads prevents losses through condensation.
- Thermal fuse protects the diaphragm head against overheating.
- Head jacketed for more even temperature distribution.
- 100% oil-free pump.
- Uncontaminated delivery, evacuation and transfer of air, gases, vapours up to 240°C.
- Gastight (Leakage 6×10^{-3} mbar·l/s)
- Corrosion resistant models.
- Extensive operation without maintenance.
- Electrical equipment to VDE.

Dimensions (mm)



N 0100...11 E

Technical Data:

Max. environmental temperature 40°C
Standard motor 230 V, 50 Hz, 250 W
Running current 2.0 A
Protection IP 44
Heating element 2 x 400 W/230 V
2 x 50 W/230 V

Heat-up time approximately 15 min to 240°C (not pumping).
Motors for other voltages, frequencies and specification on request.

Weight approximately 20 kg (N 0100 AT.11 E)
25 kg (N 0100 ST.11 E)

Accessories:

Wrench for retainer plate No. 20204

