

**KNF Neuberger GmbH
Diaphragm Pumps + Systems**

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**Diaphragm Compressor and
Vacuum Pump
N 0100 ST.26 E – heated**

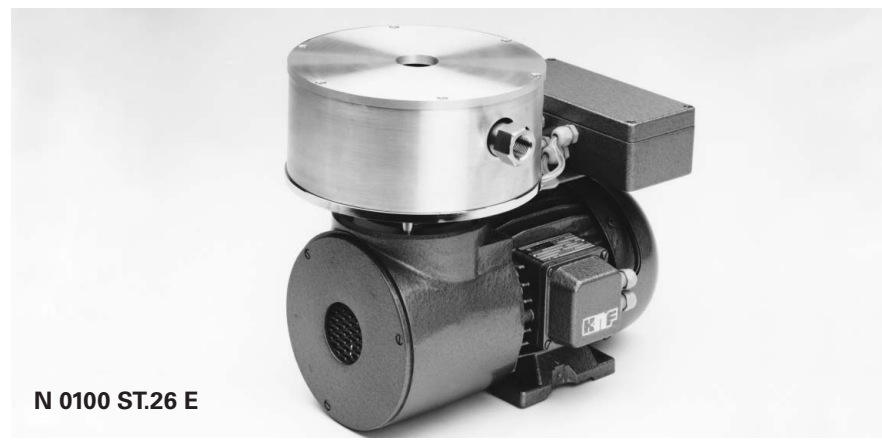
Data Sheet E 085

with electronic temperature control – up to 240°C

Maximum 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 ST.26 E

Model codes and Materials:

N0100 ST.26 E Stainless Steel/PTFE
(Corrosion resistant types)

Electronic temperature control of heated head:

Type 1: 80 – 160°C adjustable

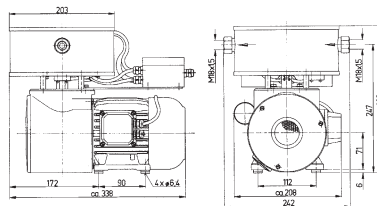
Type 2: 160 – 240°C adjustable.

Please state adjustment range required, Type 1 or Type 2.

Features:

- Heating the head prevents losses through condensation.
- Electronic temperature control.
- 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 model.
- Extensive operation without maintenance.
- Electrical equipment to VDE.

Dimensions (mm)



N 0100 ST.26 E

Technical Data:

Max. environmental temperature 40°C
Standard motor 230 V, 50 Hz, 250 W
Running current for motor 2.0 A
Protection class IP 44
Heating element 2 x 400 W/230 V
2 x 50 W/230 V
ca. 20 min

Heat-up time

to 240°C (not pumping).

Tolerance of electronic temperature control $\pm 2^\circ\text{C}$

Adjustment range: Type 1 80 - 160°C

Type 2 160 - 240°C

Motors for other voltages, frequencies and specification on request.

Weight ca. 25 kg

Accessories:

Wrench for retainer plate No. 20204

