

Chemistry diaphragm pump ME 8C NT

[Link to the website](#)

Product description

Chemistry-design diaphragm pumps are an excellent solution for continuous, oil-free pumping of corrosive gases and vapors. The one-stage construction provides the advantageous combination of high pumping speed and low ultimate vacuum down to 70 mbar. All major parts in contact with pumped media are made of chemically resistant fluoroplastics. Well-proven PTFE sandwich diaphragms for increased reliability and extended operating life. These large pumps have an exceptionally high pumping speed. The NT-series features further improved performance data and superior vapor tolerance.

Performance features

- outstanding chemical resistance and superior vapor tolerance
- exceptionally high performance even at low vacuum
- compact design
- whisper quiet and very low vibration
- long diaphragm life, maintenance-free drive system

Ordering data

Product name	Nominal mains voltage mains frequency	Plug type	Articleno.
ME 8C NT	230 V 50-60 Hz	CH, CN	20734201

Items supplied

Pump completely mounted, ready for use, with manual.

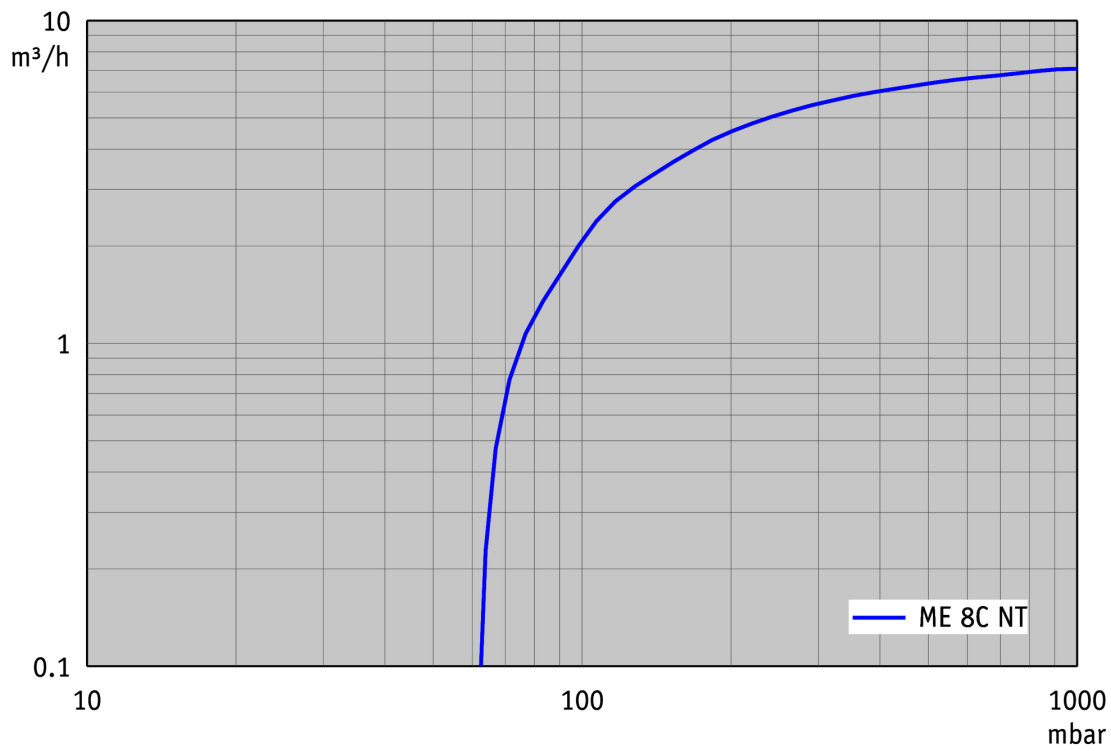
Accessories

- Set of diaphragms and valves ME 8C NT (20696867)
- Silencer with hose 5cm DN 8-10mm (20636588)
- Vacuum tubing transparent DN 8 mm (20686061)

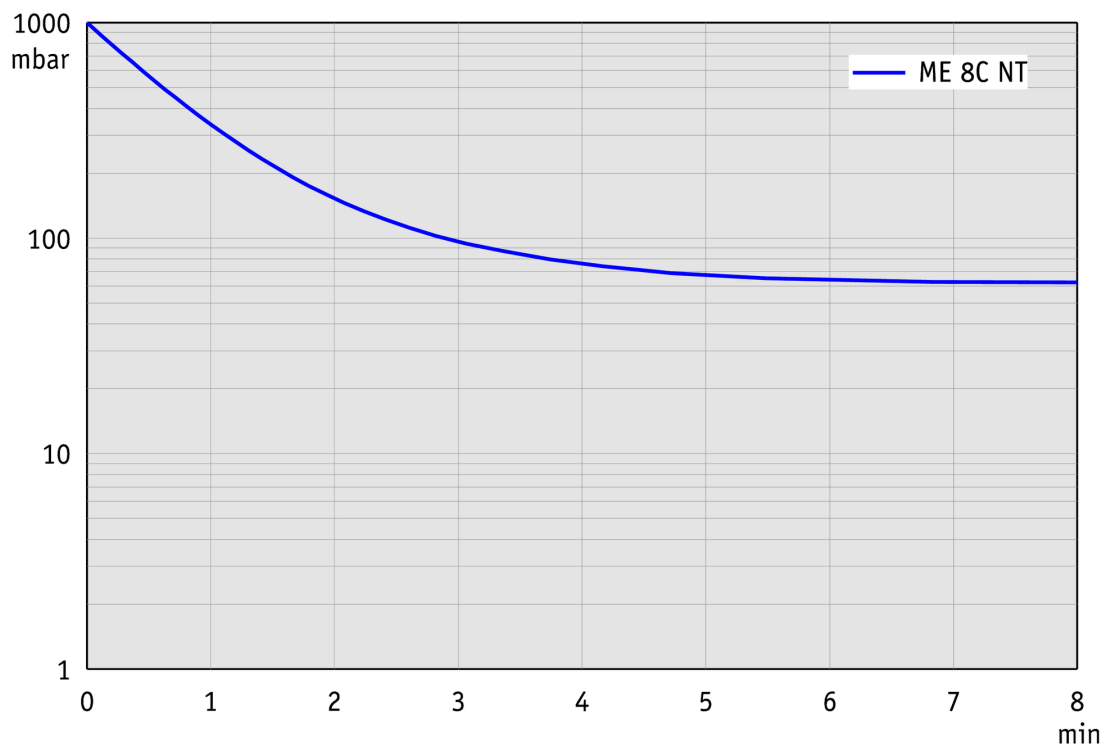
Technical data

Max. pumping speed 50 Hz (mbar)	7.1 m ³ /h
Max. pumping speed 60 Hz (cfm)	4.6 cfm
Ultimate vacuum	70 mbar / 52 torr
Number of heads	4
Number of stages	1
Permissible ambient temperature range (operation)	10 - 40 °C
Permissible ambient temperature range (storage)	-10 - 60 °C
Max. outlet pressure (abs.)	1.1 bar
Inlet connection	Hose nozzle DN 8-10 mm
Outlet connection	Hose nozzle DN 8-10 mm
Rated motor power	0.25 kW
Rated speed 50/60 Hz	1500/1800 min ⁻¹
Protection class IEC 60529	IP 40
Dimensions (L x W x H)	328 mm x 243 mm x 198 mm
Weight	14.3 kg
Noise (sound pressure level) in dBA at 50 Hz or 1500 rpm/62% (VARIO)/1500 rpm (VARIO-SP)/12500 Upm (VACUU·PURE®)	45 dBA
ATEX conformity	II 3/- G Ex h IIC T3 Gc X Internal Atm. only
NRTL certification	Yes

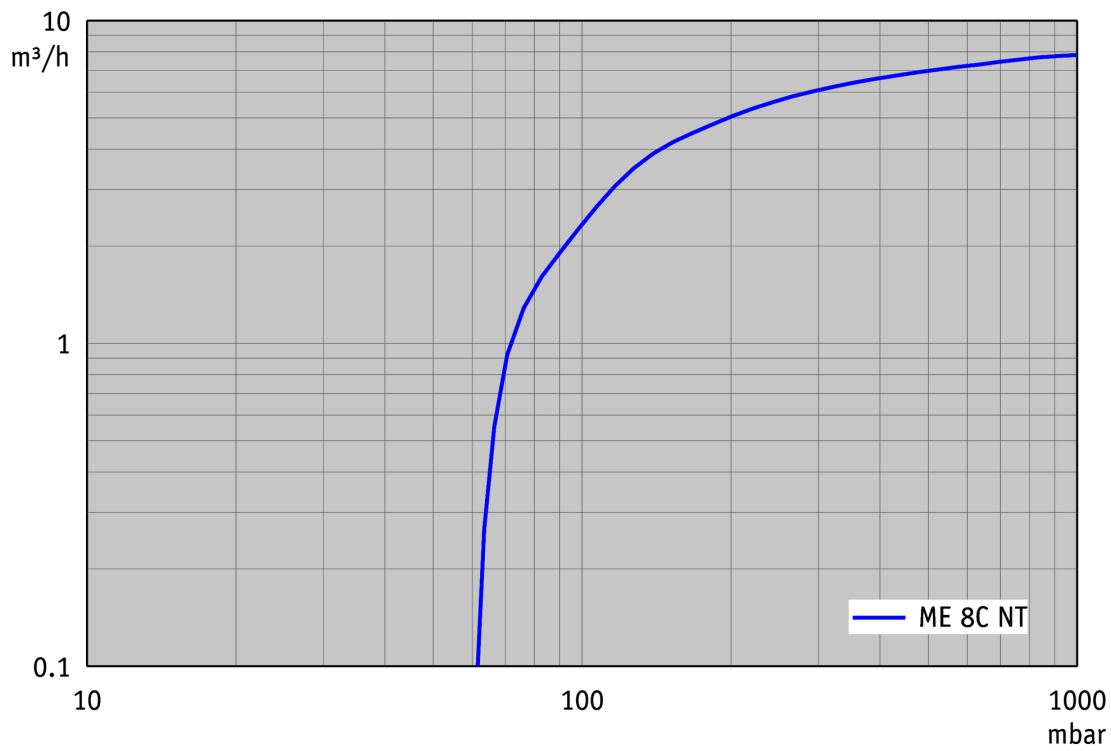
Pumping speed graph at 50 Hz



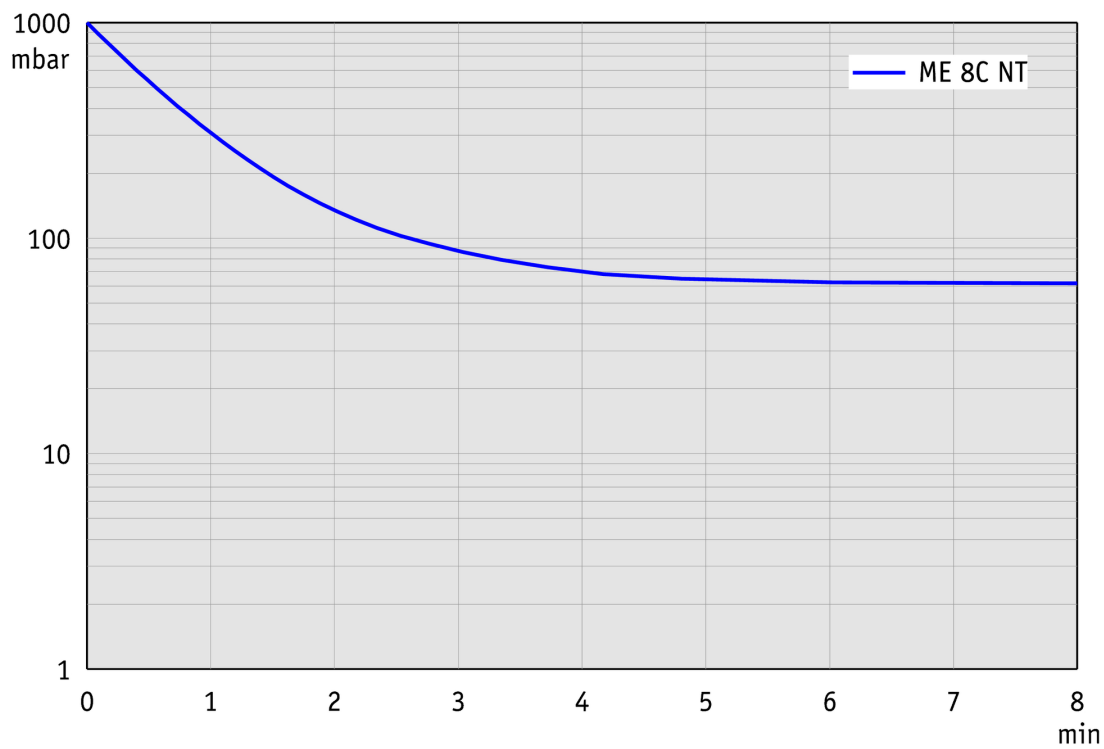
Pump down graph at 50 Hz (100 l volume)



Pumping speed graph at 60 Hz



Pump down graph at 60 Hz (100 l volume)

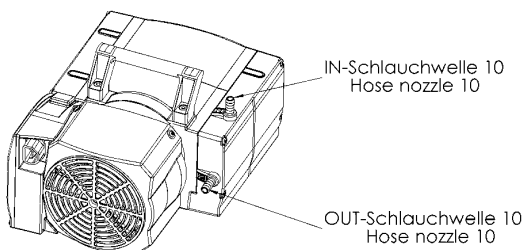
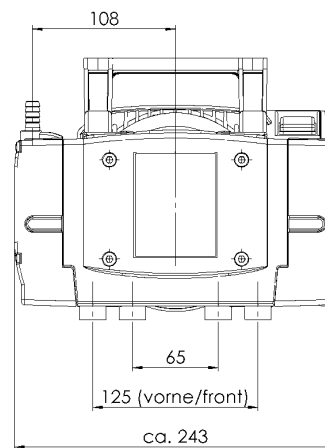
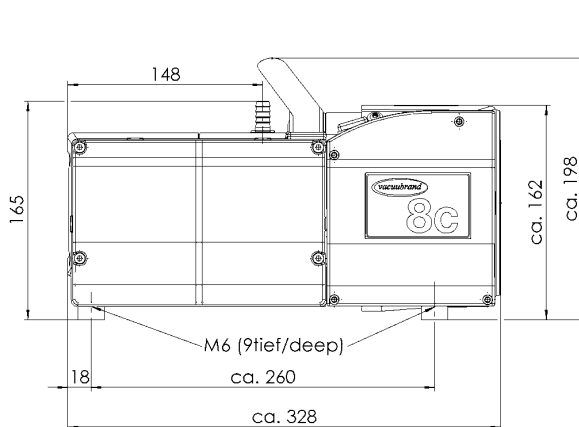


Dimension sheet

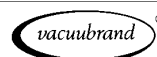


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Maßblatt / Dimensions
ME 8C NT



Alle Maße in mm
Technische Änderung vorbehalten
All dimensions in mm
Technical data are subject to change
without notice

10000018887-000-03

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