VACUUBRAND®

# 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

Technical data are subject to change without notice
© VACUUBRAND GMBH + CO KG | 2026

Link to the website:
https://shop.vacuubrand.com/20734203

## Ordering data

| Product name | Nominal mains voltage \| mains frequency | Plug type | Articleno. |
|---|---|---|---|
| ME 8C NT | 120 V \| 60 Hz | US | 20734203 |

## 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)


© VACUUBRAND GMBH + CO KG | 2026

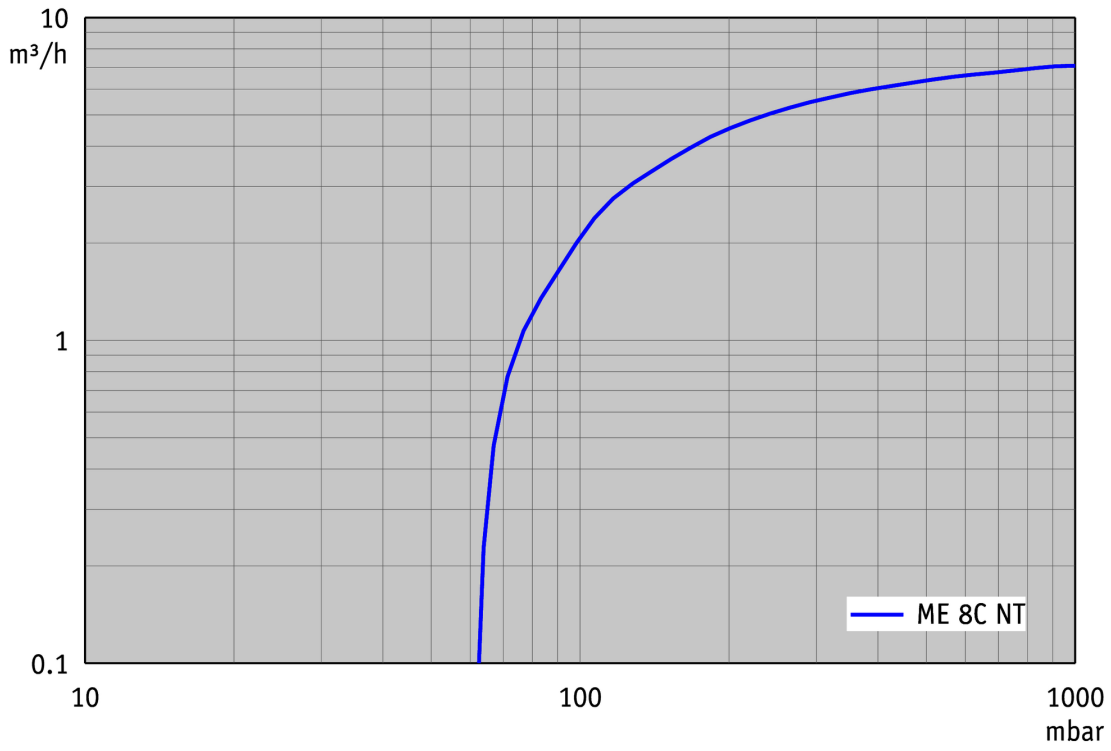
## Technical data

| | |
|---|---|
| Max. pumping speed 50 Hz ($m^3/h$) | 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 | 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 |
| NRTL certification | Yes |

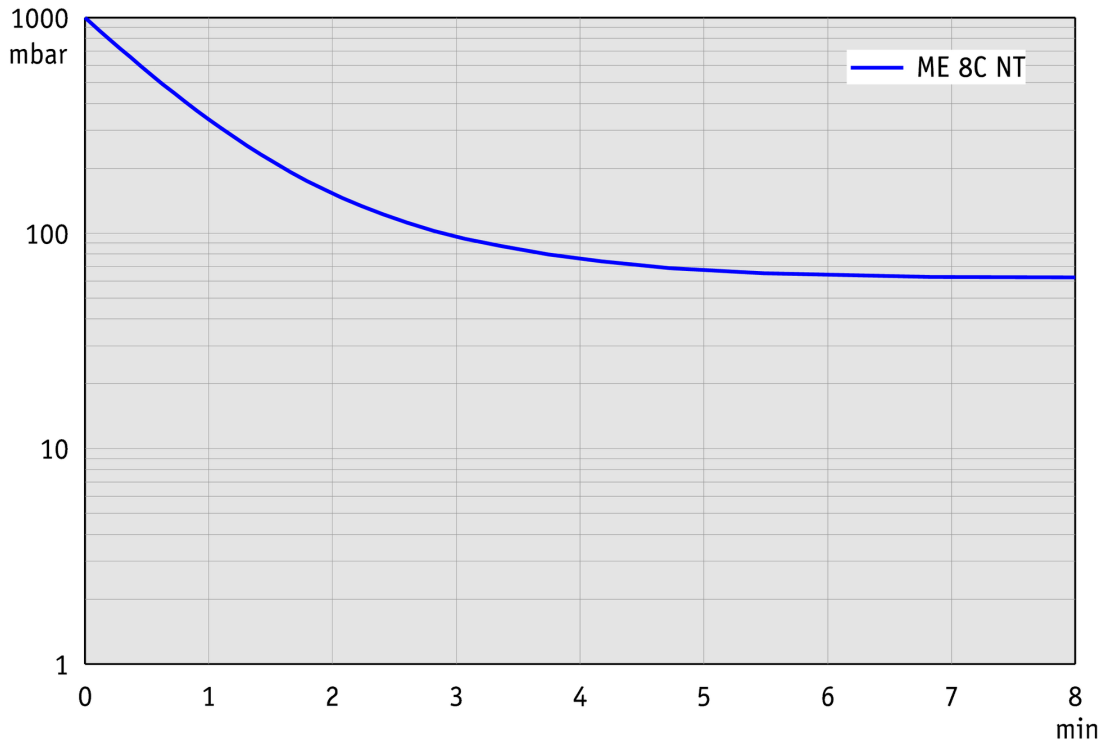
Technical data are subject to change without notice
© VACUUBRAND GMBH + CO KG | 2026

Link to the website:
https://shop.vacuubrand.com/20734203

## Pumping speed graph at 50 Hz



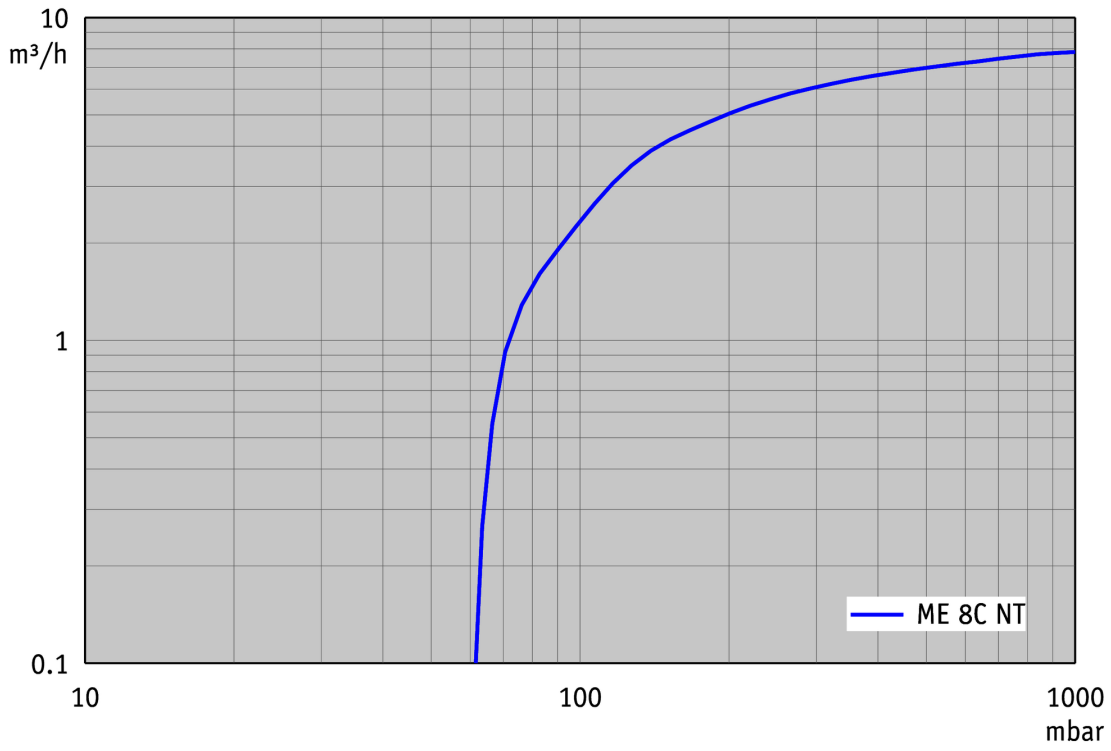

## Pump down graph at 50 Hz (100 l volume)



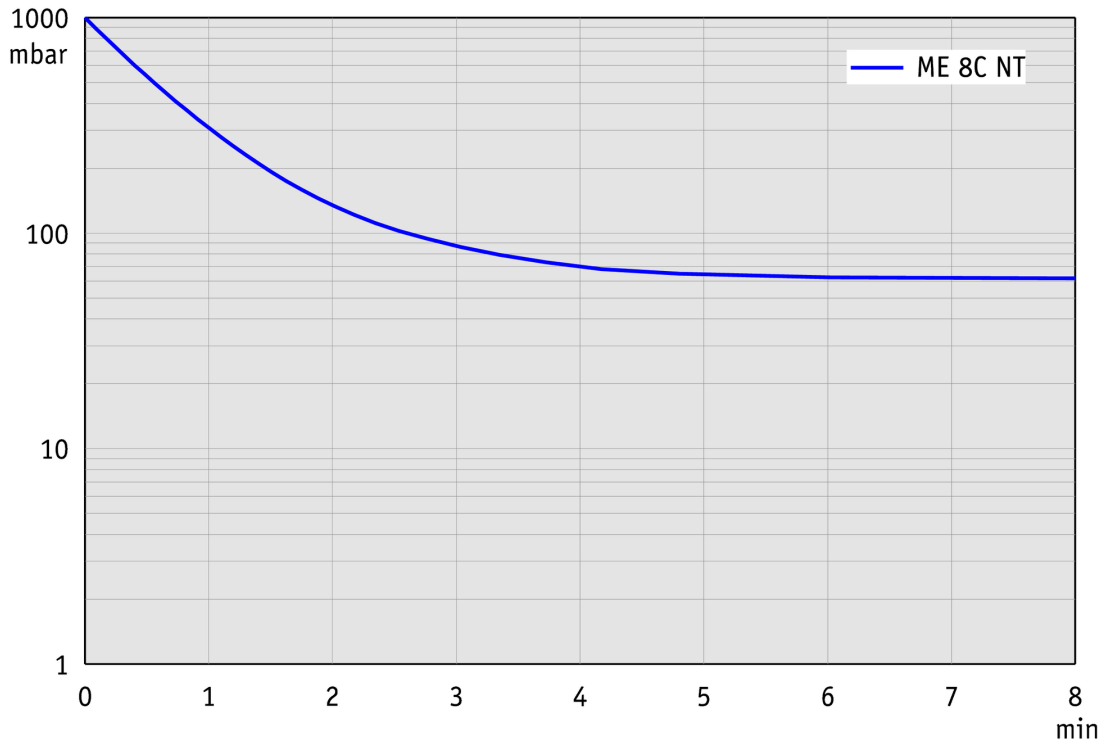

Technical data are subject to change without notice
© VACUUBRAND GMBH + CO KG | 2026

Link to the website:
https://shop.vacuubrand.com/20734203

## Pumping speed graph at 60 Hz




## Pump down graph at 60 Hz (100 l volume)



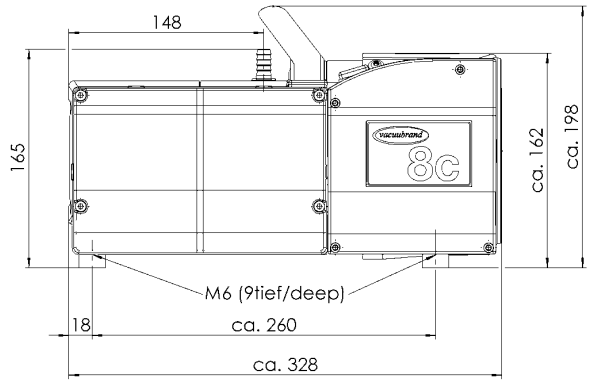

Technical data are subject to change without notice
© VACUUBRAND GMBH + CO KG | 2026

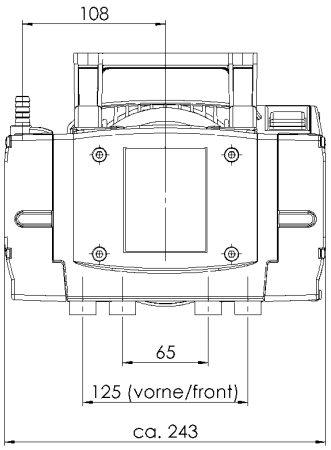
Link to the website:
https://shop.vacuubrand.com/20734203

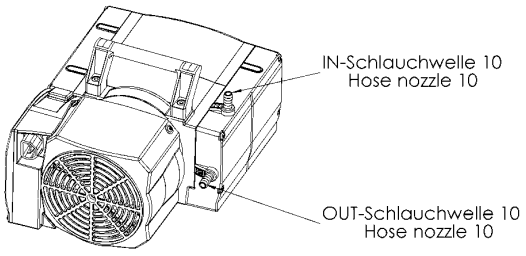
## Dimension sheet




Das Eigentums- u. Urheberrecht an dieser Zeichnung bleibt uns vorbehalten!
All rights reserved by VACUUBRAND GMBH + CO KG




Maßblatt / Dimensions
ME 8C NT

vacuubrand®

Alle Maße in mm
Technische Änderung vorbehalten

All dimensions in mm
Technical data are subject to change without notice

10000018887-000-03


© VACUUBRAND GMBH + CO KG | 2026

Link to the website:
https://shop.vacuubrand.com/20734203

VACUUBRAND GMBH + CO KG
P.O. Box 1664
97877 Wertheim
T +49 9342 808 5550
F +49 9342 808 5555

info@vacuubrand.com
www.vacuubrand.com

VACUUBRAND

VACUUBRAND is part of the Brand group, a manufacturer of high-quality and innovative laboratory equipment and vacuum technology with a global team of approx. 1,000 employees.

With highly motivated and qualified employees, we manufacture the world's most comprehensive product family for vacuum generation, measurement and control for the rough and fine vacuum range in the laboratory.

**All with one goal:**
Enabling our customers to run reliable, safe and efficient processes. This is why we commit ourselves to continuous innovation, first-class performance, and outstanding quality.

Engineering excellence is central to our ability to deliver products and solutions renowned for their quality, durability, and reliability. Innovative technology, high quality materials and extensive testing deliver unmatched performance - engineered and manufactured in Germany.

Together with you, our experts will find the best solution for your application and provide you with first-class service along the way.

© VACUUBRAND GMBH + CO KG

BRAND (Shanghai) Trading Co., Ltd.
Shanghai, China

T +86 21 6422 2318
info@brand.com.cn
china.brand.com.cn

BRAND Scientific Equipment Pvt. Ltd.
Mumbai, India

T +91 22 42957790
customersupport@brand.co.in
www.brand.co.in

BRANDTECH® Scientific, Inc.
Essex, CT. United States of America

T +1 860 767 2562
info@brandtech.com
www.brandtech.com

BRANDGROUP®