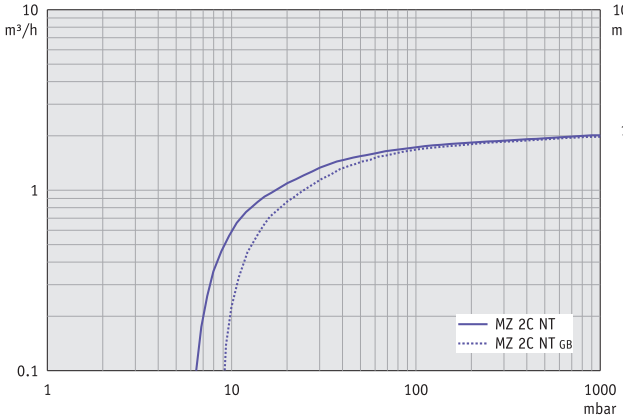
CHEMISTRY DIAPHRAGM PUMPS 7 mbar - 2.0 m³/h

- outstanding chemical resistance and superior vapor tolerance
- high performance even at low vacuum levels
- optimized vacuum even with gas ballast for condensate purge
- whisper quiet and low vibration
- long diaphragm life, maintenance-free drive system

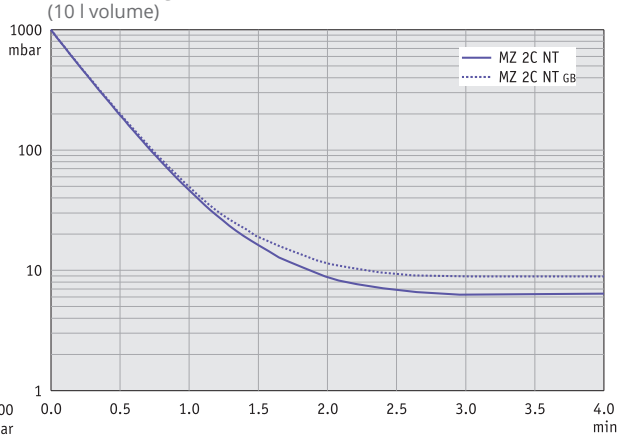
MZ 2C NT

Chemistry-design diaphragm pumps are an excellent solution for continuous, oil-free pumping of corrosive gases and vapors. The two-stage construction provides the advantageous combination of high pumping speed and low ultimate vacuum. All parts in contact with pumped media are made of chemically resistant fluoroplastics. Well-proven PTFE sandwich diaphragms increase reliability and extend operating life. The MZ 2C NT pump is equipped with a gas ballast valve for continuous condensate purge increasing the pumping capability of condensable vapors. This pump is our most popular chemistry diaphragm pump, and is the heart of a family of VACUUBRAND pumping systems. The NT-series features further improved performance data and superior vapor tolerance.

Pumping speed graph at 50 Hz
with/without gas ballast



Pump down graph at 50 Hz
with/without gas ballast
(10 l volume)



Further information and diagrams for 60 Hz mains frequency at www.vacuubrand.com
Pumping speeds and pump down times are only for information. Ultimate vacuum specification: See "Technical Data"

TECHNICAL DATA	MZ 2C NT
Number of heads / stages	2 / 2
Max. pumping speed 50/60 Hz	2.0 / 2.3 m³/h
Ultimate vacuum (abs.)	7 mbar
Ultim. vac. (abs.) with gas ballast	12 mbar
Max. back pressure (abs.)	1.1 bar
Inlet connection	Hose nozzle DN 8-10 mm
Outlet connection	Hose nozzle DN 8-10 mm
Rated motor power	0.18 kW
Degree of protection	IP 40
Dimensions (L x W x H), approx.	243 x 243 x 198 mm
Weight, approx.	11.1 kg

ACCESSORIES

Rubber vacuum tubing DN 8 mm (686001)

ITEMS SUPPLIED

Pump completely mounted, ready for use, with manual.

ORDERING INFORMATION			MZ 2C NT
230 V ~ 50-60 Hz	CEE	Ex*	732300
230 V ~ 50-60 Hz	CH	Ex*	732301
230 V ~ 50-60 Hz	UK, IN	Ex*	732302
230 V ~ 50-60 Hz	CEE/CN	Ex*	732307
100-115 V ~ 50-60 Hz / 120 V ~ 60 Hz	US		732303
100-115 V ~ 50-60 Hz / 120 V ~ 60 Hz / 200-230 V ~ 50-60 Hz			
Inlet: Small flange KF DN 16		Ex*	**732345

With NRTL certification for Canada and the USA
Ex*: ATEX: II 3G IIC T3 X, Internal Atm. only
**Please order power cable separately

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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.