

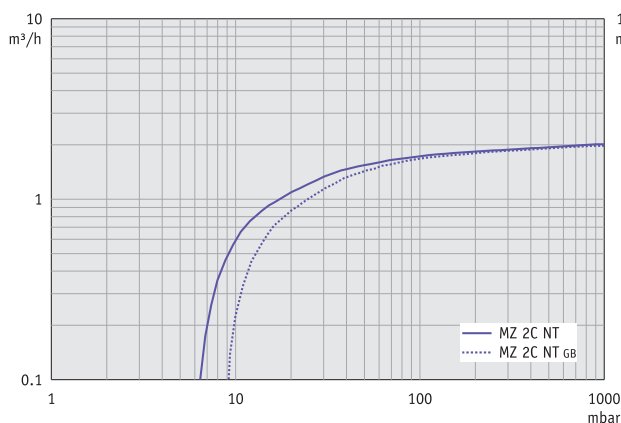
- ✦ outstanding chemical resistance and superior vapor tolerance
- ✦ high performance even at low vacuum levels
- ✦ optimized vacuum even with gas ballast for condensate purge
- ✦ whisper quiet and low vibration
- ✦ long diaphragm life, maintenance-free drive system



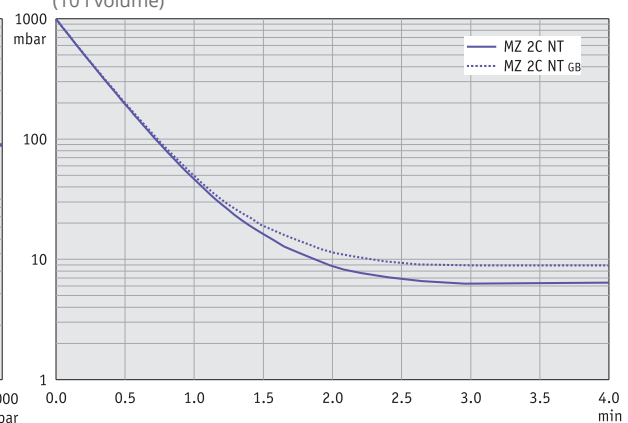
MZ 2C NT

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"

CHEMISTRY DIAPHRAGM PUMPS

TECHNICAL DATA**MZ 2C NT**

Number of heads / stages	2 / 2
Max. pumping speed 50/60 Hz	2.0 / 2.3 m ³ /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

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

ACCESSORIES

Rubber vacuum tubing DN 8 mm (686001)

ITEMS SUPPLIED

Pump completely mounted, ready for use, with manual.

With NRTL certification for Canada and the USA

Ex*: ATEX: II 3G IIC T3 X, Internal Atm. only

**Please order power cable separately