

## CHEMISTRY DIAPHRAGM PUMP

### 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 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. The MZ 2C NT with gas ballast valve is optimally prepared for pumping easily condensable vapors. This pump is our most popular chemistry diaphragm pump, and is the heart of a family of VACUUBRAND pumping systems. The new NT-series features further improved performance data and superior vapor tolerance.

MZ 2C NT  
2.0 m<sup>3</sup>/h  
7 mbar

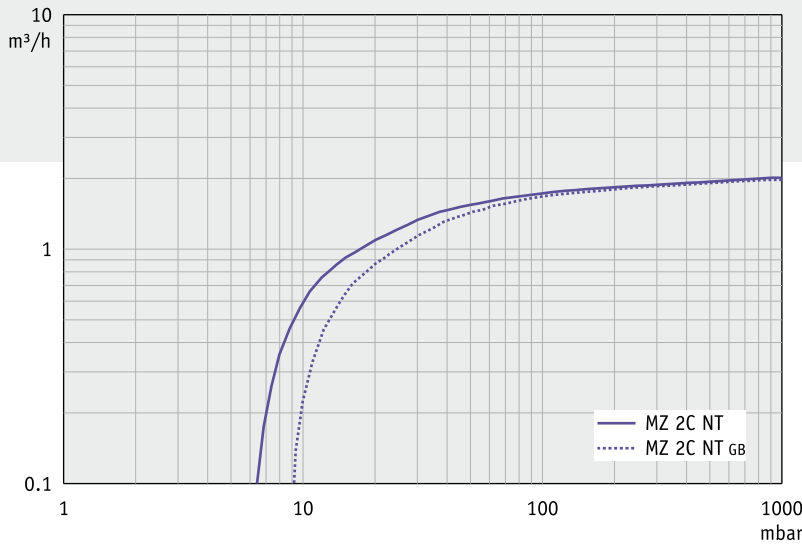


#### PERFORMANCE FEATURES

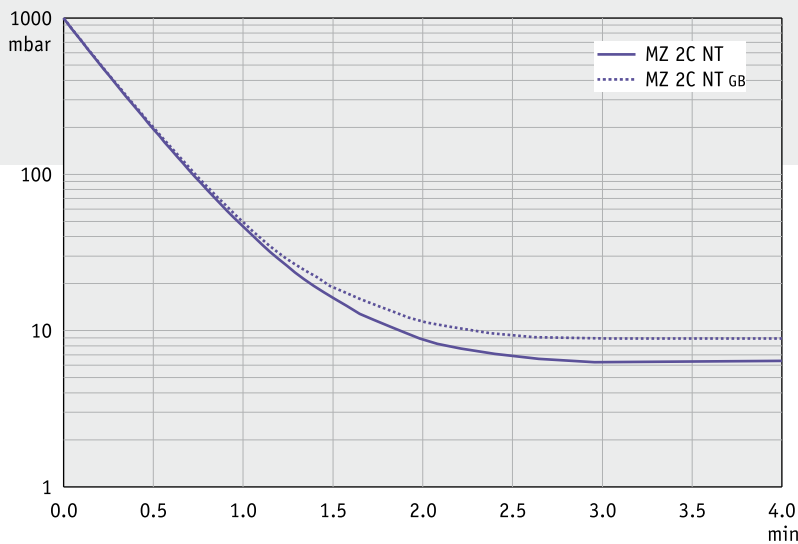
- outstanding chemical resistance and superior vapor tolerance
- high performance even at low vacuum levels
- optimized vacuum even with gas ballast
- whisper quiet and low vibration
- long diaphragm life, maintenance-free drive system

#### APPLICATIONS

Two-stage chemistry-design diaphragm pumps are an excellent choice for applications with corrosive gases and vapors with medium vacuum requirements. They do not consume water and therefore do not produce any contaminated waste water. Typical applications are rotary evaporators, vacuum concentrators, gel dryers and many other laboratory applications. The MZ 2C NT is the powerful basic pump for a complete family of well established and reliable chemistry vacuum systems and pumping units.



Pumping speed graph at 50 Hz with/without gas ballast



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

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 at 50/60 Hz	m <sup>3</sup> /h	2.0/2.3
Ultimate vacuum (abs.)	mbar	7
Ultim. vac. (abs.) with gas ballast	mbar	12
Max. back pressure (EX) (abs.)	bar	1.1
Inlet connection (IN)		Hose nozzle DN 10 mm
Outlet connection (EX)		Hose nozzle DN 10 mm
Rated motor power	kW	0.18
Degree of protection		IP 40
Dimensions (L x W x H)	mm	243 x 242 x 198
Weight	kg	11.1

ORDERING INFORMATION		MZ 2C NT
230 V ~ 50-60 Hz	CEE	732300
230 V ~ 50-60 Hz	CH	732301
230 V ~ 50-60 Hz	UK	732302
100-120 V ~ 50-60 Hz	US	732303

**ACCESSORIES**

Rubber vacuum tubing DN 10 mm (686002)

**ITEMS SUPPLIED**

Pump completely mounted, ready for use, with manual