

CHEMISTRY DIAPHRAGM PUMP

ME 2C AND ME 4C NT

- 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. The new NT-series features further improved performance data and chemical resistance.

ME 4C NT
3.9 m³/h
70 mbar



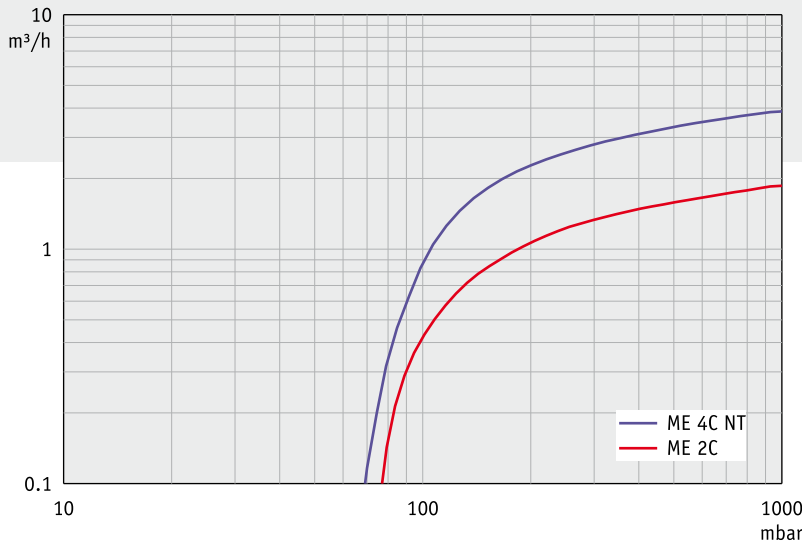
ME 2C
1.9 m³/h
80 mbar

PERFORMANCE FEATURES

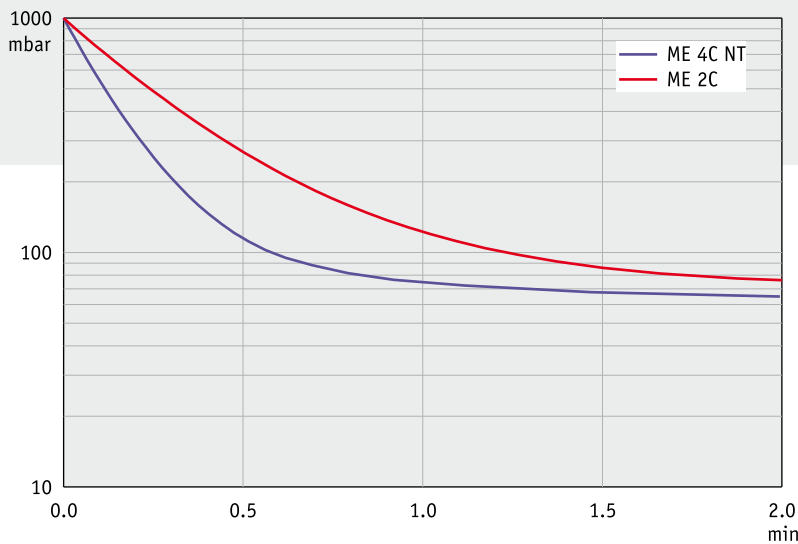
- outstanding chemical resistance
- high performance even at low vacuum levels
- whisper quiet
- low vibration
- long diaphragm life, maintenance-free drive system

APPLICATIONS

One-stage chemistry-design diaphragm pumps are an excellent choice for applications with corrosive gases and vapors which do not require very deep vacuum levels. They do not consume water and therefore do not produce any contaminated waste water. Typical applications are vacuum ovens, filtration as well as concentration of solvents with low boiling points. The ME 4C NT is recommended for processes which require higher flow rates.



Pumping speed graph at 50 Hz


 Pump down graph at 50 Hz
(10 l volume)

Pumping speeds and pump down times are only for information. Ultimate vacuum specification: See "Technical Data"

TECHNICAL DATA	ME 2C (CEE Version)	ME 4C NT	ORDERING INFORMATION	ME 2C
Number of heads / stages	1 / 1	2 / 1	230 V ~ 50-60 Hz	CEE 696121
Max. pumping speed 50/60 Hz	m ³ /h 1.9/2.2	3.9/4.3	100-120 V/200-230 V ~ 50-60 Hz UK	696132
Ultimate vacuum (abs.)	mbar 80	70	100-120 V/200-230 V ~ 50-60 Hz US	696124
Max. back pressure (EX) (abs.)	bar 2	1.1	ORDERING INFORMATION	ME 4C NT
Inlet connection (IN)	Hose nozzle DN 10 mm	Hose nozzle DN 10 mm	230 V ~ 50-60 Hz	CEE 731200
Outlet connection (EX)	Hose nozzle DN 10 mm	Hose nozzle DN 10 mm	230 V ~ 50-60 Hz	CH 731201
Rated motor power	kW 0.12	0.18	230 V ~ 50-60 Hz	UK 731202
Degree of protection	IP 54	IP 40	100-115 V ~ 50-60 Hz /	
Dimensions (L x W x H)	mm 258 x 164 x 191	254 x 243 x 198	120 V ~ 60 Hz	US 731203
Weight	kg 7.1	11.1	With NRTL certification for Canada and the USA	

ACCESSORIES

Rubber vacuum tubing DN 10 mm (686002)

ITEMS SUPPLIED

Pump completely mounted, ready for use, with manual