

VARIO® chemistry diaphragm pump MZ 1C VARIO

Order no.: 696672

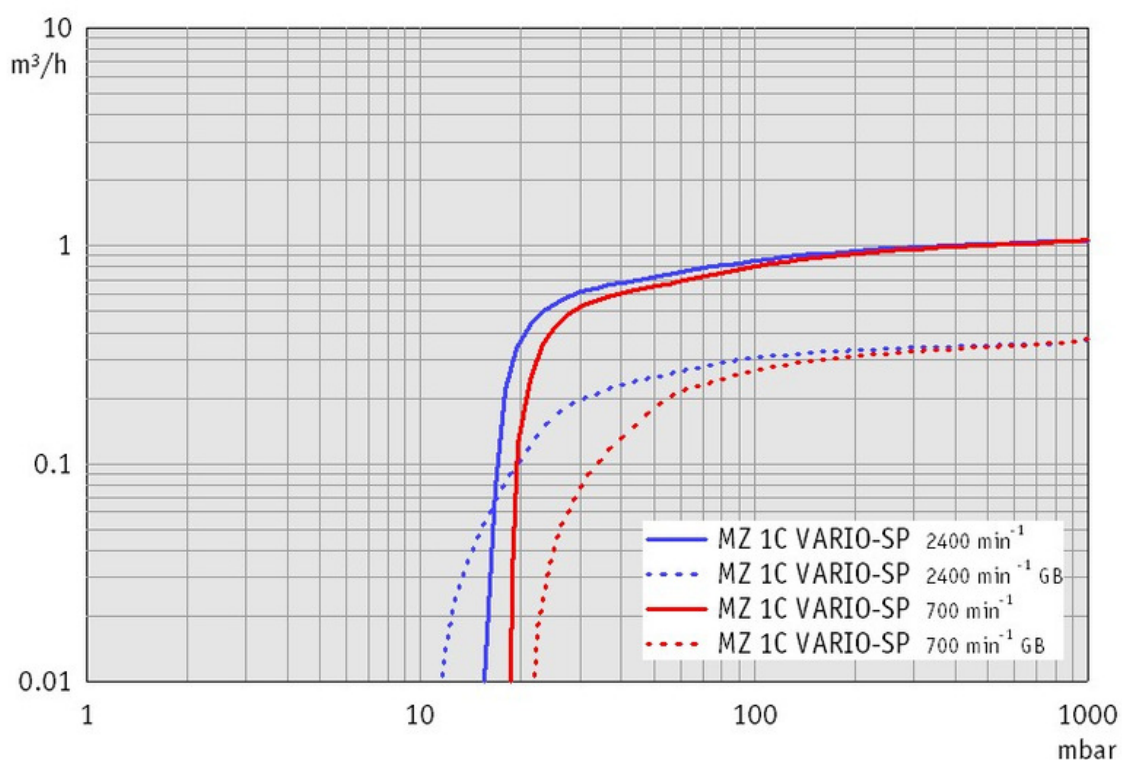
Chemistry-design diaphragm pumps are an excellent solution for continuous, oil-free pumping of corrosive gases and vapors. The two-stage construction provides the advantageous combination of medium pumping speed and low ultimate vacuum. All major parts in contact with pumped media are made of chemically resistant fluoroplastics. Well-proven PTFE sandwich diaphragms for increased reliability and extended operating life. The MZ 1C VARIO with gas ballast valve is optimally prepared for pumping easily condensable vapors. VARIO® pumps provide precise vacuum control by adaptation of the diaphragm pump's motor speed. The on-demand motor speed control results in unparalleled length of service intervals for wearing parts such as diaphragms.



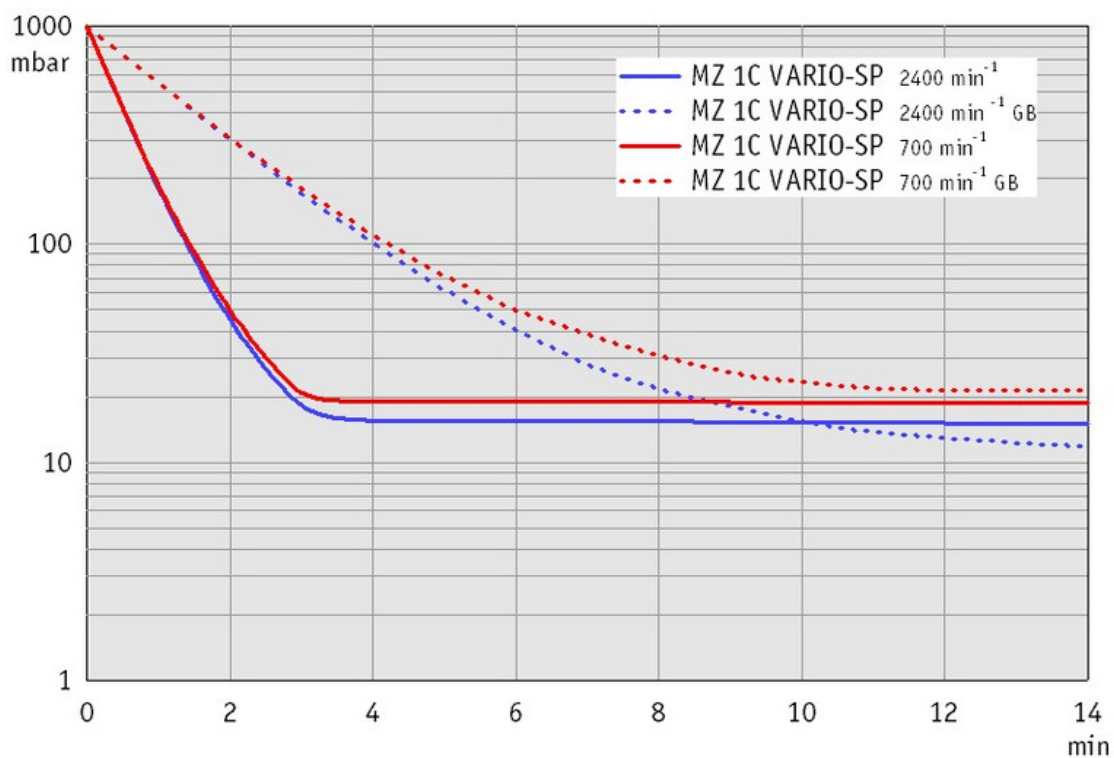
Technical data

Vacuum controller		CVC 3000
Number of heads / stages		2 / 2
Max. pumping speed	m ³ /h	1.0
Max. pumping speed	cfm	0.6
Ultimate vacuum (abs.)	mbar/torr	12 / 9
Ultim. vac. (abs.) with gas ballast	mbar/torr	20 / 15
Ambient temperature range (operation)	°C	10 - 40
Ambient temperature range (storage)	°C	-10 - 60
Max. back pressure (EX) (abs.)	bar	1.1
Inlet connection (IN)		Hose nozzle DN 8/10 mm
Outlet connection (EX)		Hose nozzle DN 10 mm
Rated motor power	kW	0.16
Motor speed range	min ⁻¹	200 - 2200
Degree of protection		IP 20
Dimensions (L x W x H), approx.	mm	294 x 181 x 299
Weight, approx.	kg	4.8
Noise level at 50 Hz, typ.	dBA	40
CE mark		Yes
Items supplied		Pump completely mounted, ready for use, with manual.
Accessories		Rubber vacuum tubing DN 10 mm (686002)

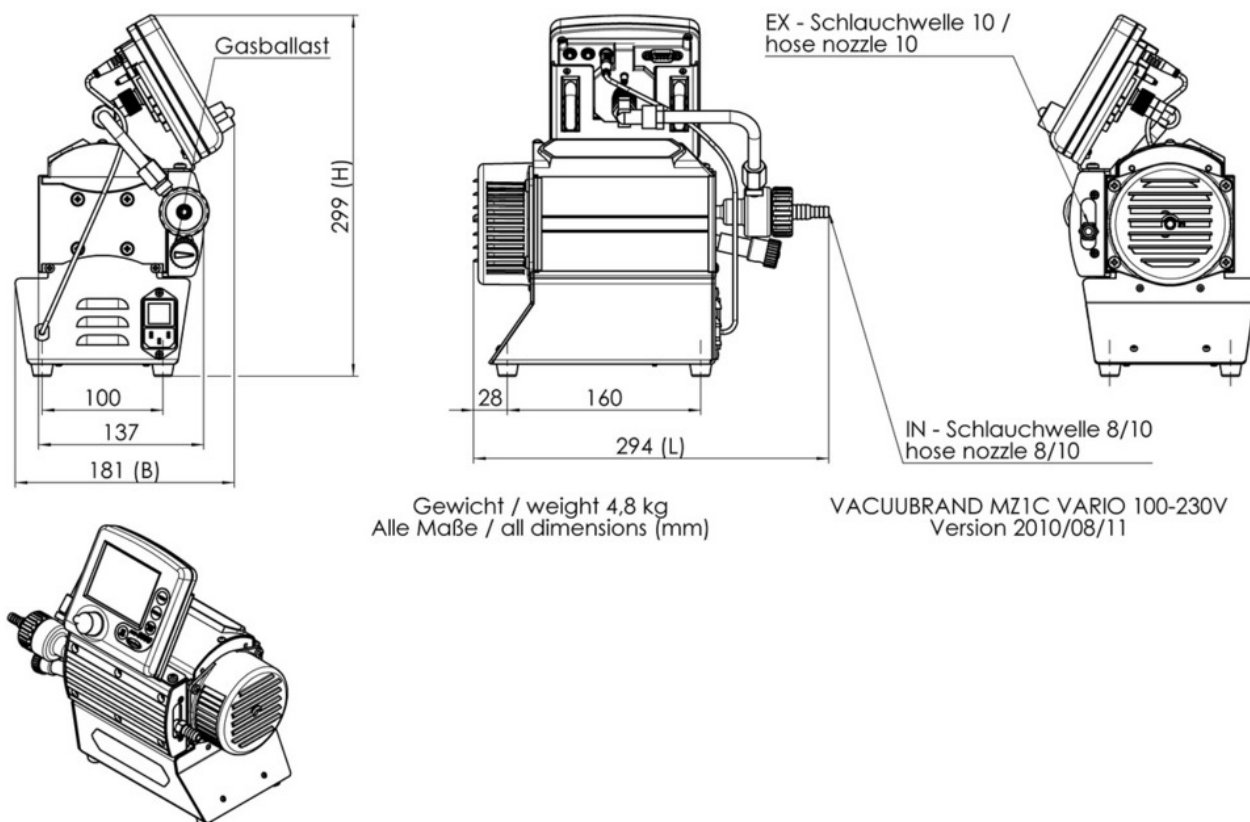
Pumping speed graph



Pump down graph (10 l volume)



Dimension sheet



Ordering data

Product name	Mains voltage and frequency	Plug	Order no.
MZ 1C VARIO	200-230 V~ 50-60 Hz 100-120 V~ 50-60 Hz	UK	696672