VACUUBRAND®

化学隔膜泵
MD 4C EX



网站链接

产品说明

ATEX防爆化学隔膜泵具有无油化学隔膜泵的所有优点。主要应用于有潜在爆炸气氛的旋转蒸发仪或真空干燥箱等。ATEX防护包括泵腔内（与所抽气体接触）及泵的外界环境。泵的所有沾湿部件都具有非常好的耐化学腐蚀性，并主要由抗静电材料制成。发货时配备一个单独的气镇接口，用于连接惰性气体源。

性能特点

- 卓越的化学耐腐蚀性和蒸汽耐受性
- 直接连接230V / 50Hz 单相电源的防爆型电机， 集成自锁过载和过热保护
- 现有的保护措施完全满足了客户的所有技术要求
- 内部和出气口有过压安全泄压阀
- 可靠的膜片安全技术，可附加惰性气体吹扫和膜片破损保护

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订购信息

产品名称	额定电源电压|工作频率	电源插头类型	订货号
MD 4C EX	230 V | 50 Hz	**裸线**	20696930

货品配置

泵体安装完毕，连接即可，配10米无插头电缆，附带说明书

配件

- **带小法兰的**PTFE**管（抗静电的）** KF DN 16 (20686031)
- **带小法兰的**PTFE**管（抗静电的）** KF DN 25 (20686033)
- **密封圈套装** MZ 2C EX, MD 4C EX (2x), MV 10C EX (4x) (20696837)

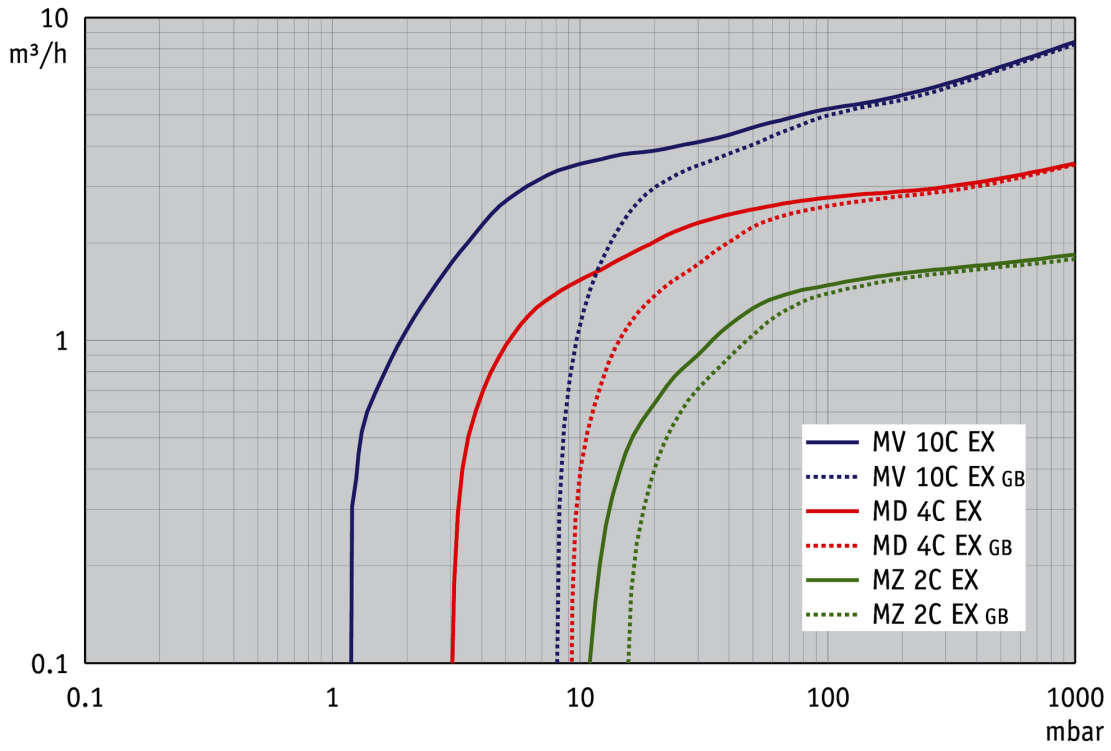
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技术指标

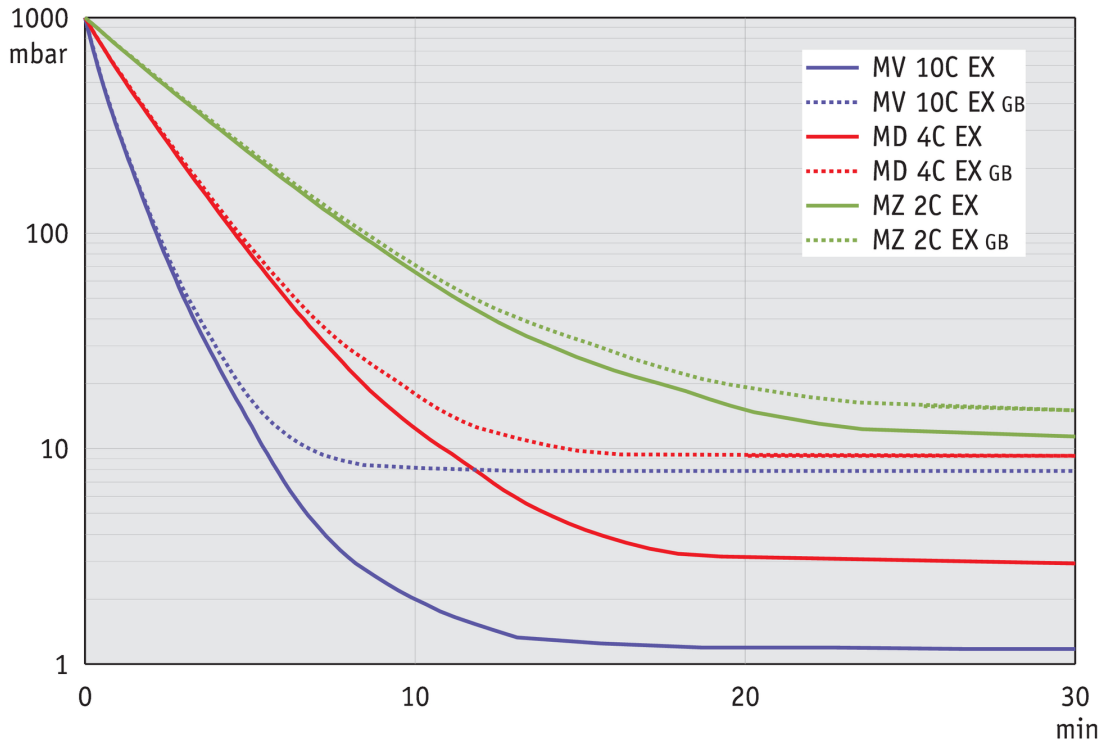
50 Hz 最大抽速 (m^3/h)	3.7 m^3/h
极限真空	3 mbar / 2.3 torr
极限真空，使用气镇	10 mbar / 7.5 torr
泵头数	4
泵级数	3
的允许环境温度范围（运行）	10 - 40 °C
的允许环境温度范围（存放）	-10 - 60 °C
最大出气口压力 (绝对压力)	1.1 bar
进气口连接	KF DN 25 小法兰
出气口连接	KF DN 16 小法兰
额定电机功率	0.25 kW
额定转速 50/60 Hz	1500 min^{-1}
防护等级	IP 54
尺寸（长x宽x高）	440 mm x 265 mm x 305 mm
重量	30.2 kg
噪音水平 50 Hz/1500 Upm/62% (VARIO)/1500 Upm (VARIO-SP)/12500 Upm (VACUU·PURE®)	53 dBA
ATEX规格	抽气腔（所抽气体）：II 2G Ex h IIC T3 Gb X 使用惰性气体吹扫的环境：II 2G Ex h IIB T4 Gb X 不使用惰性气体吹扫的环境：II 3G Ex h IIB T4 Gc X Motor: II 2G Ex db IIB T4 Gb
NRTL 标准	否

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50 Hz下的抽速曲线

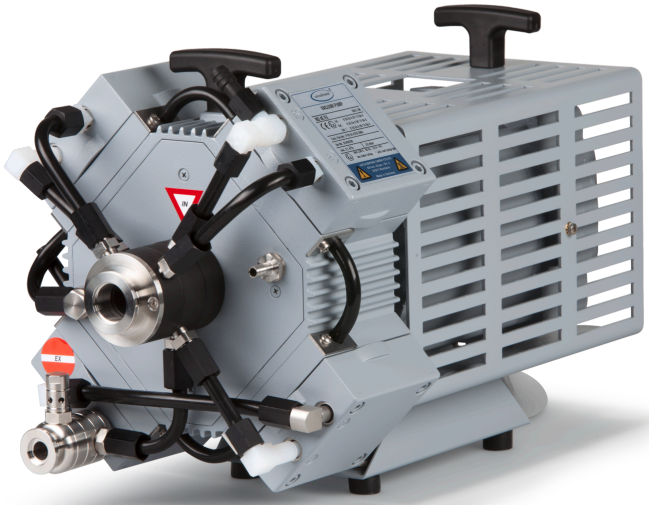


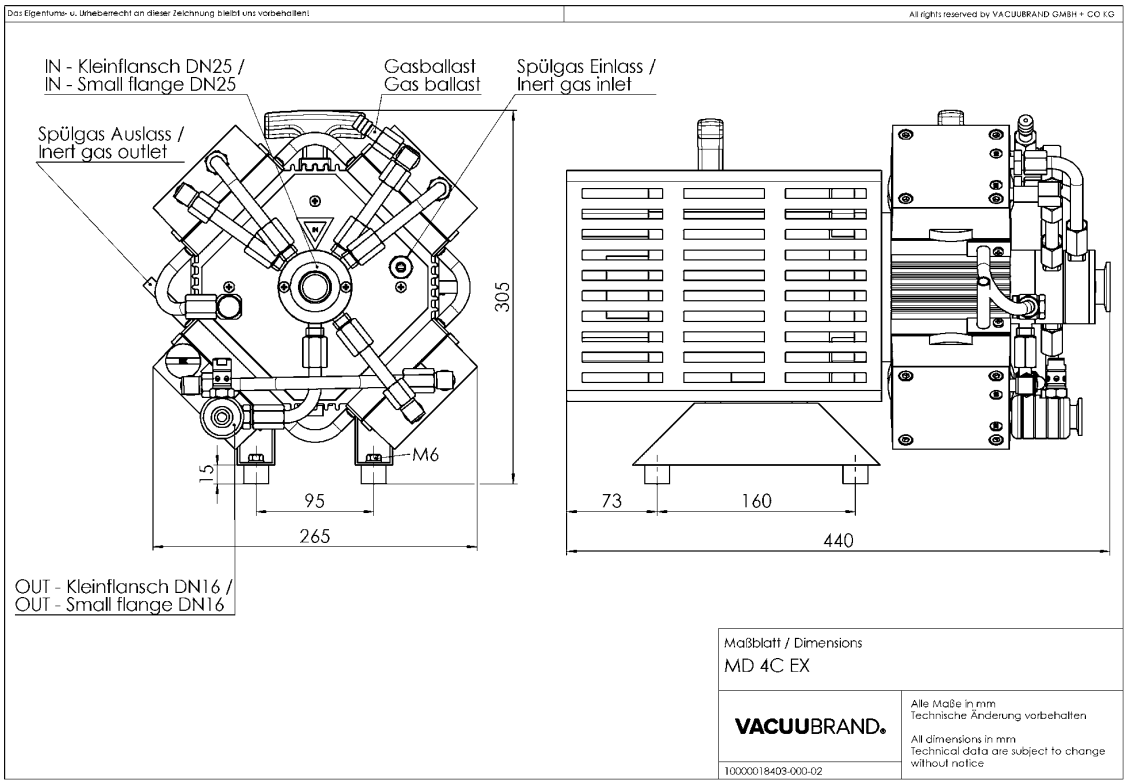
50 Hz下的抽气曲线 （100升容积）



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尺寸规格表





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VACUUBRAND

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