

# VARIO®化学隔膜泵 MD 4C EX VARIO

[网站链接](#)

## 产品说明

通过使用新型的ATEX VARIO®化学隔膜泵和化学真空系统，真空度可以精准地通过电机速度调控。VARIO®真空泵可以通过一条额外的控制信号线进行驱动。带有ATEX真空传感器和Connection Box 100的可选真空控制器VACUU-SELECT可实现全自动蒸发，无需参数设置或用户编程。在适应性控制作用下，系统可以独立找到沸点压力、持续调节真空度并且根据蒸汽压力进行优化。真空控制器和Connection Box 100都安装在非爆炸区域。

## 性能特点

- 具备ATEX防爆化学隔膜泵的所有优点
- 无滞后的VARIO®真空控制，使过程时间更短
- VARIO®-真空泵仅根据需求的大小来调节转速 - 最小的能耗，更长的维护周期，运行安静
- CVC 3000真空控制器（可选件），可实现精准的真空控制和全自动的工艺
- ATEX真空传感器和Connection Box 100易于安装——一站式

## 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 VARIO	230 V   50 Hz	裸线	20696936

## 货品配置

泵体安装完毕，连接即可使用，配2米无插头电缆，附带说明书。转速通过4-20 mA电流环（4 mA = 0 rpm, 20mA = 1500 rpm）控制。控制信号线10米，主电线10米，每根线都不带插头。

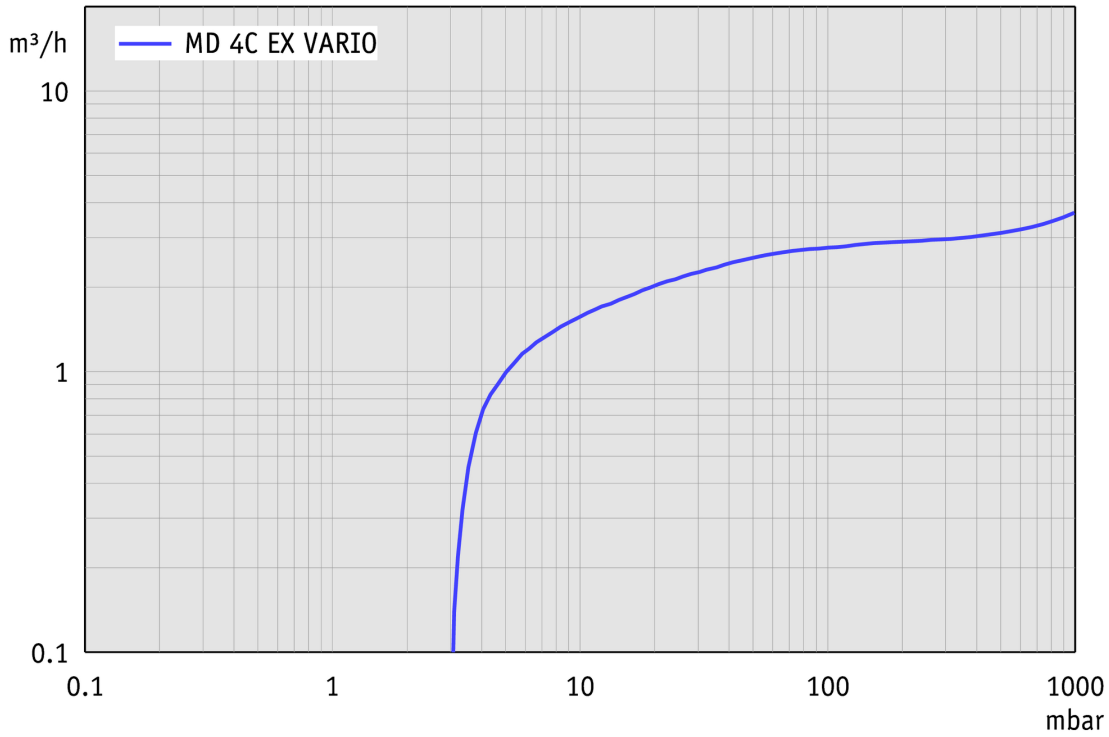
## 配件

- Terminal box Connection Box 100 (20635435)
- 真空传感器 DMP 331i KF DN 16 (20635423)
- 真空传感器 Cerabar PMP21 KF DN 16 (20635424)
- 真空控制器 CVC 3000 (20635028)
- 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)
- 模拟-I/O-模块 IN 4-20mA/OUT 0-10V VACUU-BUS® VACUU-BUS® (20635425)
- 信号调节器 IN 0-10V/OUT 4-20mA EX Isolating amplifier 0-10V/4-20mA EX (20635426)
- 功率/输入隔离放大器 IN/OUT 4-20mA EX (20635427)
- (20612090)
- VACUU-BUS® 插头, 电缆长度 2m VACUU-BUS® (20612462)

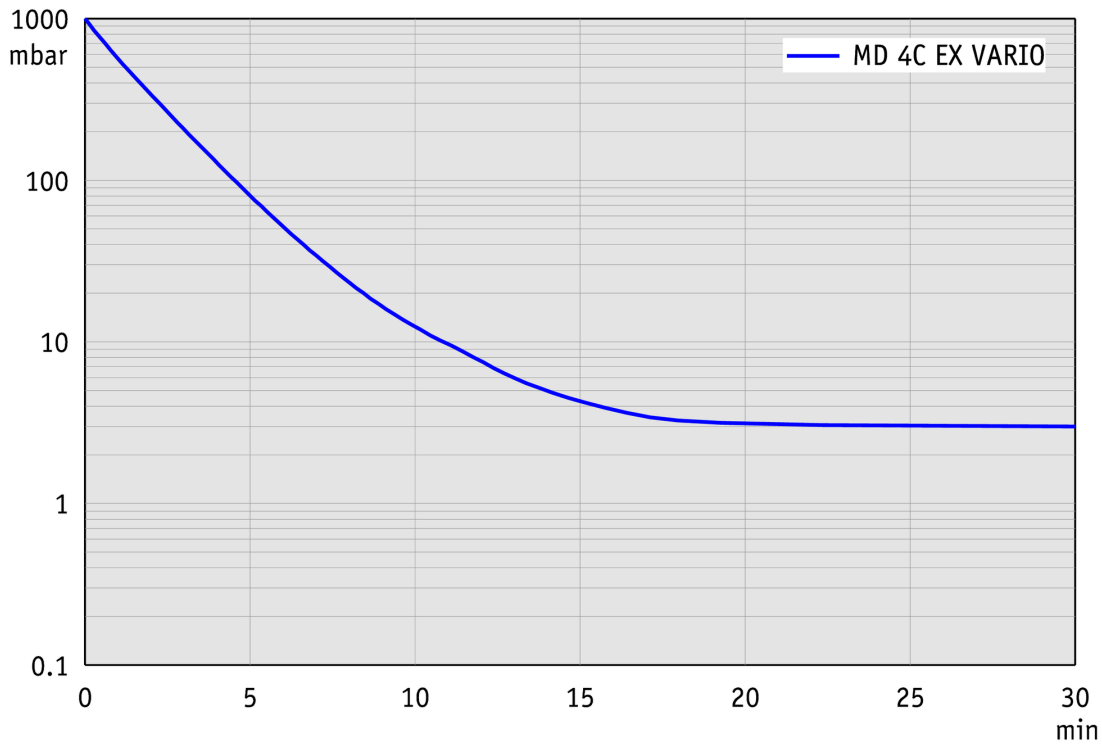
技术指标

50 Hz 最大抽速 (mbar)	3.7 m <sup>3</sup> /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
真空控制器	无控制器
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
电机转速范围	30 - 1500 min <sup>-1</sup>
额定转速 50/60 Hz	1500 min <sup>-1</sup>
防护等级	IP 54
尺寸 (长x宽x高)	469 mm x 265 mm x 305 mm
重量	28 kg
噪音水平 50 Hz/1500 Upm/62% (VARIO)/1500 Upm (VARIO-SP)/12500 Upm (VACUU·PURE®)	42 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

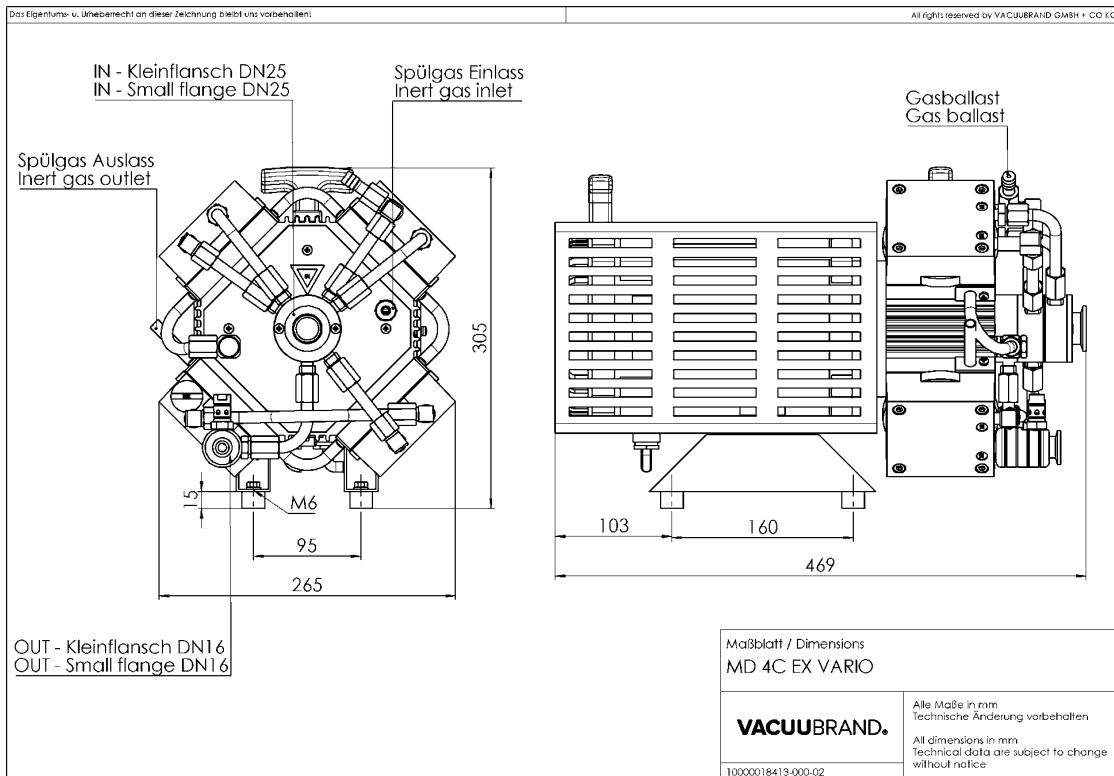
50 Hz下的抽速曲线



50 Hz下的抽气曲线 (100升容积)



## 尺寸规格表



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