

# 化学隔膜泵 MD 1C

[网站链接](#)

## 产品说明

三级化学隔膜泵是针对腐蚀性气体和蒸汽的一种持续的、无油抽气的优秀解决方案，可以满足许多高真空要求。三级泵的结构同时具有大抽气速度和超高极限真空的优点，而且泵的尺寸非常小。所有与被抽介质接触的部件都是由抗化学腐蚀的氟材料构成。经广泛验证的PTFE“三明治”夹层结构的膜片稳定性更高，延长了操作寿命。将MD 1C配合气镇使用，非常适合用于易冷凝性蒸汽（高沸点溶剂）。

## 性能特点

- 卓越的化学耐腐蚀性和蒸汽耐受性
- 在较高真空度下仍具有非常好的性能
- 使用气镇仍能达到很好的极限真空
- 排气安静，振动极低
- 膜片寿命长，驱动系统免维护

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 1C | 220-230 V   50-60 Hz<br>100-115 V   50-60 Hz<br>120 V   60 Hz | US     | 20696603 |

货品配置

泵体安装完毕，连接即可使用， 附带说明书

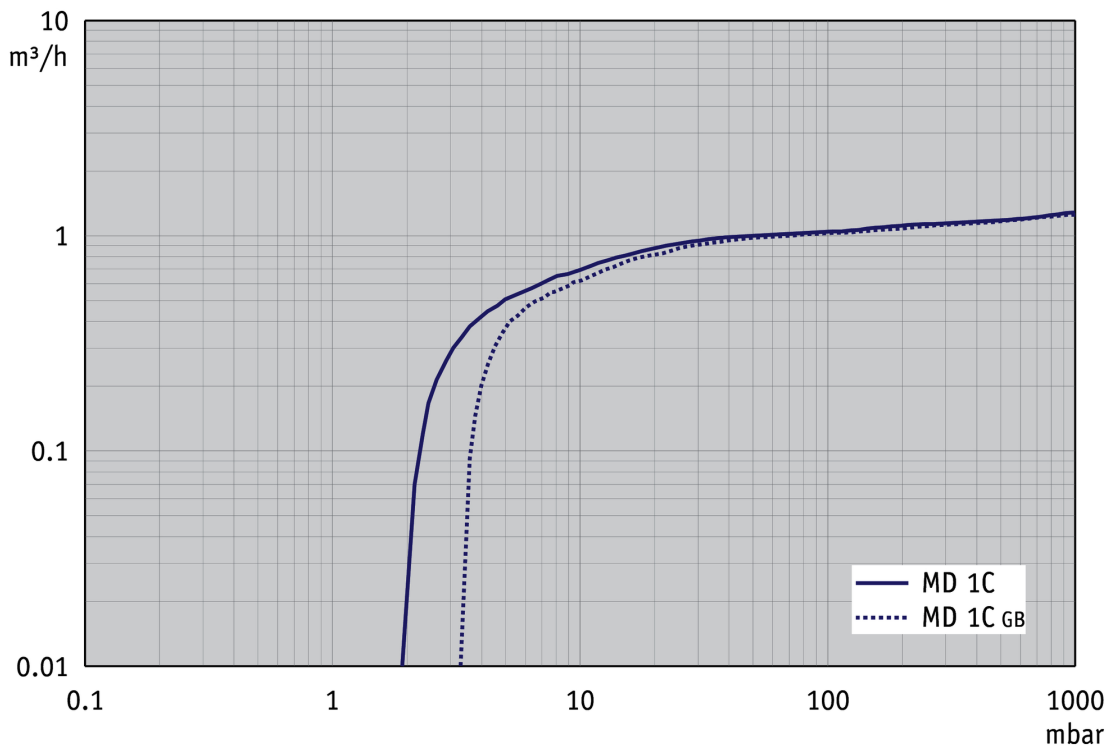
配件

- DN 8-10mm (20636588)
- 透明真空管 DN 8 mm (20686061)
- 密封圈套装 MD 1C, MD 1C +AK+EK, MD 1C VARIO-SP, PC 2001 VARIO, PC 3001 VARIO, MV 0.5C (20696828)
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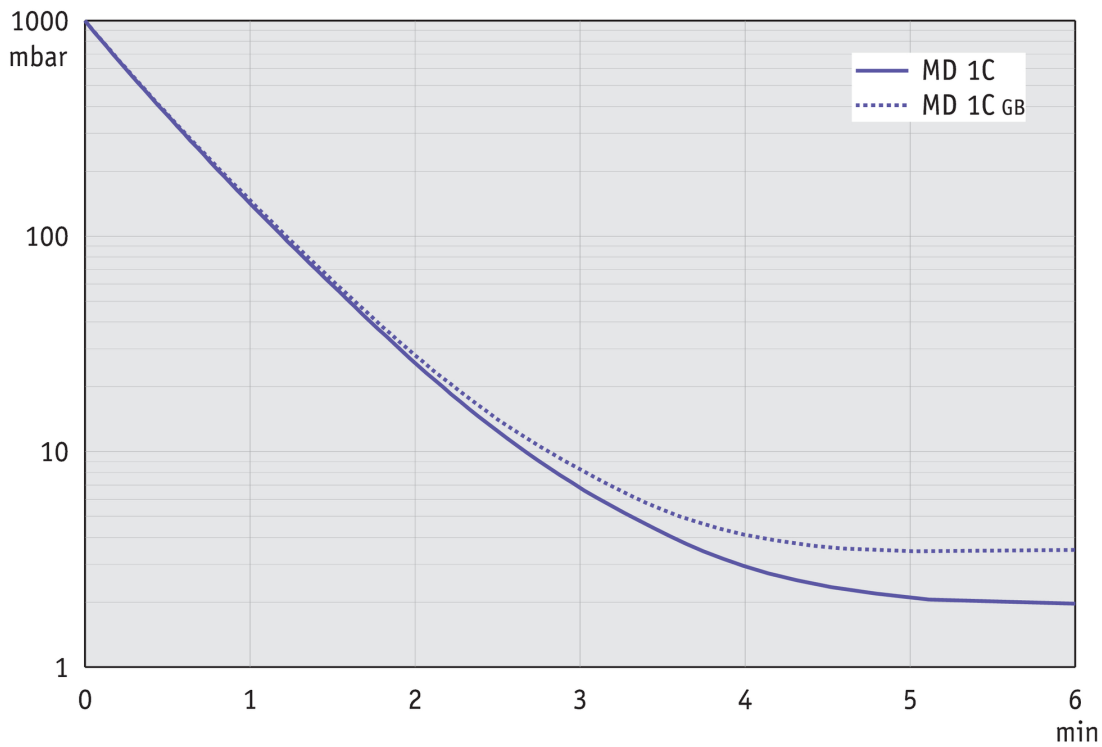
技术指标

| 50 Hz 最大抽速 (mbar)                                                           | 1.3 m³/h                                     |
|-----------------------------------------------------------------------------|----------------------------------------------|
| 60 Hz 最大抽速 (cfm)                                                            | 0.88 cfm                                     |
| 极限真空                                                                        | 2 mbar / 1.5 torr                            |
| 极限真空, 使用气镇                                                                  | 4 mbar / 3 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                                                                       | 软管喷嘴接头 DN 8-10 mm                            |
| 出气口连接                                                                       | DN 8 mm 软管喷嘴接头                               |
| 额定电机功率                                                                      | 0.08 kW                                      |
| 额定转速 50/60 Hz                                                               | 1500/1800 min <sup>-1</sup>                  |
| 防护等级                                                                        | IP 40                                        |
| 尺寸 (长x宽x高)                                                                  | 338 mm x 142 mm x 223 mm                     |
| 重量                                                                          | 7.9 kg                                       |
| 噪音水平 50 Hz/1500 Upm/62% (VARIO)/1500 Upm (VARIO-SP)/12500 Upm (VACUU·PURE®) | 41 dBA                                       |
| ATEX规格                                                                      | II 3/- G Ex h IIC T3 Gc X Internal Atm. only |
| NRTL 标准                                                                     | 是                                            |

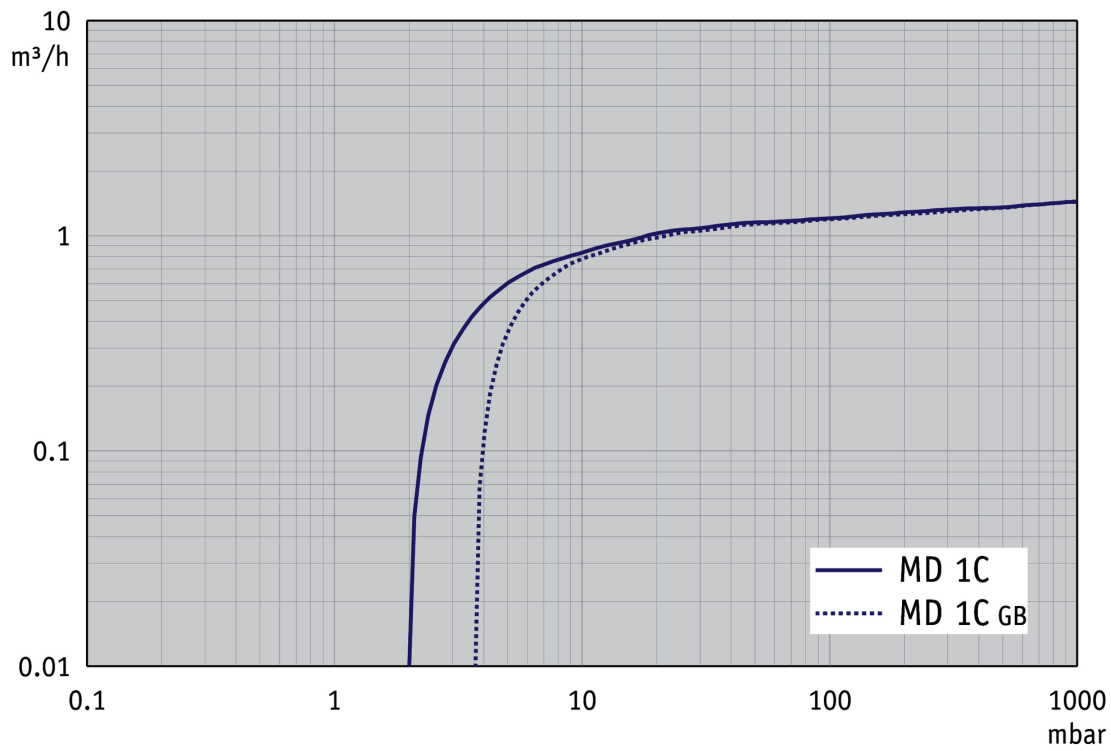
## 50 Hz下的抽速曲线



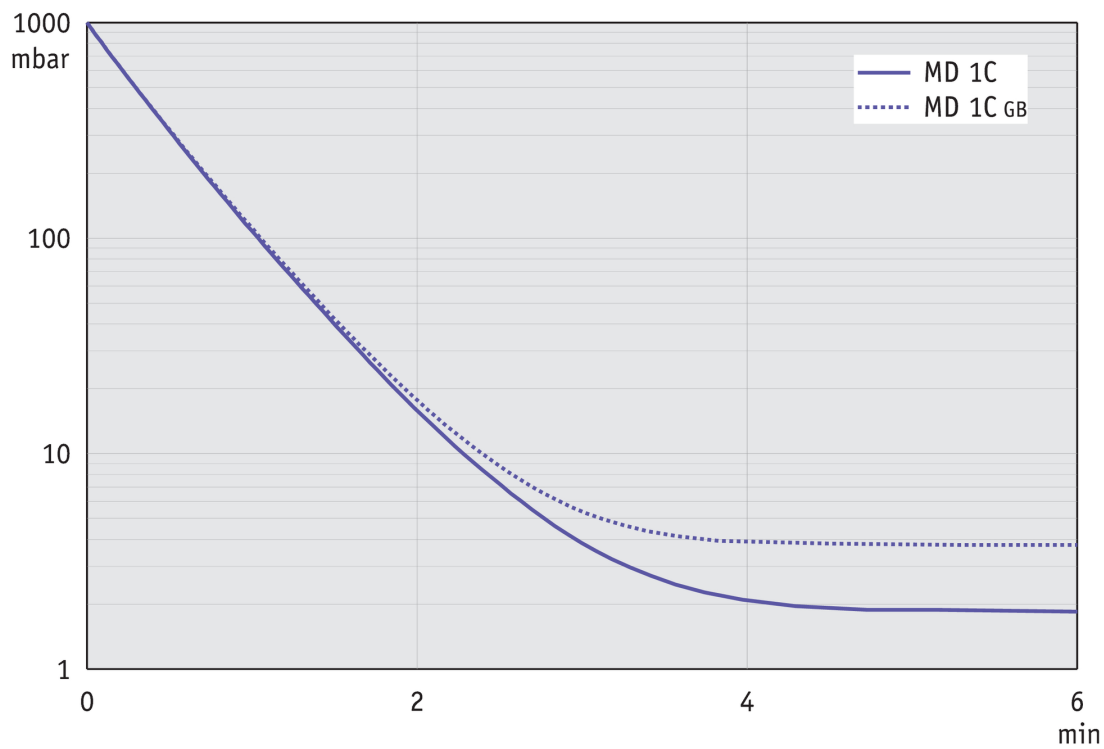
## 50 Hz下的抽气曲线（10升容积）



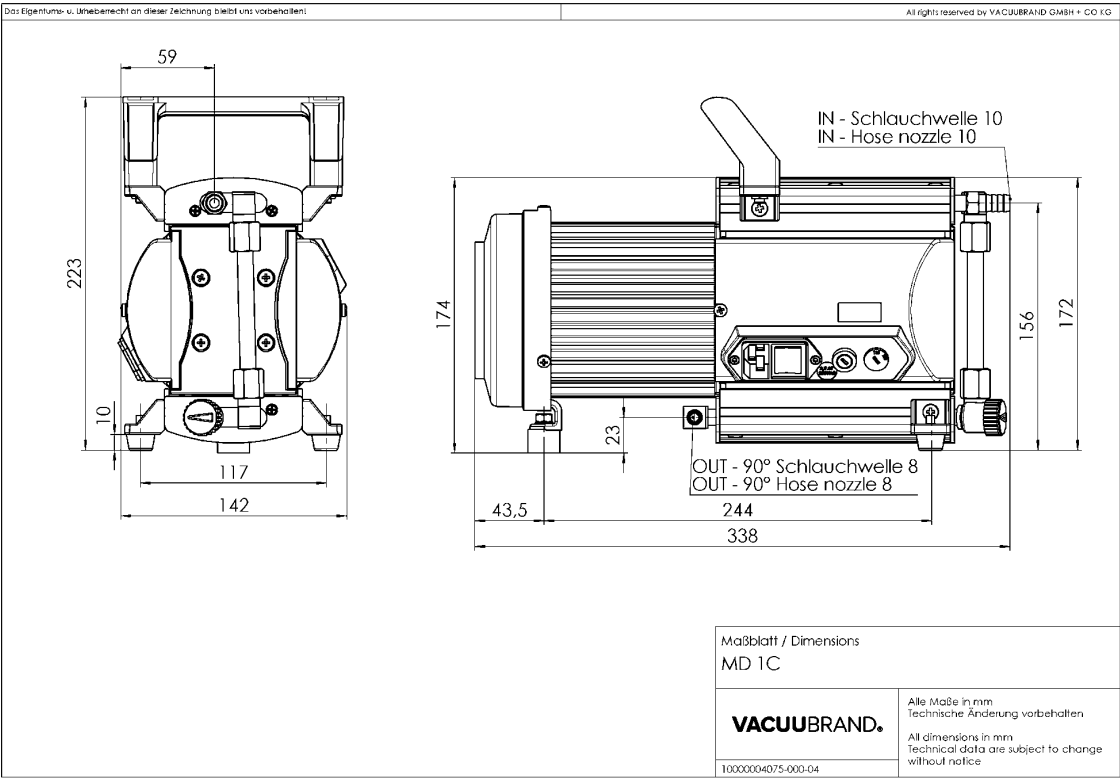
## 60 Hz下的抽速曲线



## 60 Hz下的抽气曲线（10升容积）



尺寸规格表



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