



上海缔威真空设备有限公司
Shanghai DV Vacuum Equipment Co., Ltd

SCREW-TYPE DRY VACUUM PUMPS

DVS SERIES 干式螺杆真空泵



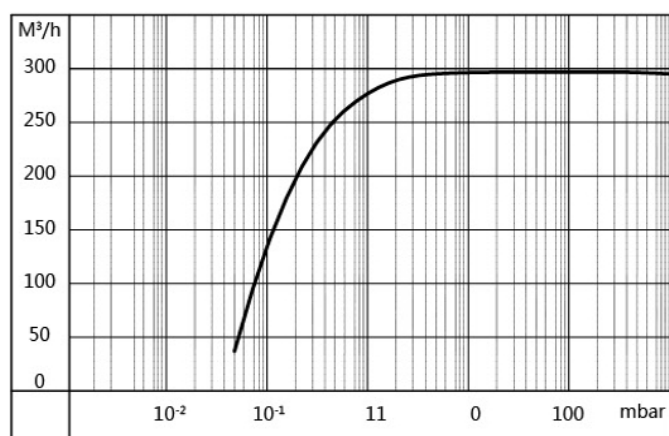
性能特点 · Features

- 可以独立获得从大气压到 0.04mbar.a 压力的真空。
- 干式，工艺流程内无油无水，没有废水或是废油的产生，可大大减少污染。
- 真空压力性能不受环境、季节、工况条件变化影响。
- 无接触式压缩，转子没有磨损，运行可靠。
- 转子外表面及壳体内部采用特富龙涂层，满足各种防腐要求。
- 直通式的泵体结构，可以夹带液体、有利于处理泵内凝液和微小颗粒排放。
- 允许使用氮气，蒸汽，溶剂等冲洗泵体。
- 驱动端采用机械密封及唇形密封，可根据工况要求来选择使用气障。
- 排气口可直接回收溶剂及一些高价值的工艺溶媒介质。
- Can be operated independently in vacuum pressure from atmospheric pressure to 0.04 mbar.a
- No Oil & water in contact with process makes free dry vacuum operation and no pollution.
- The vacuum performance is not affected by environment, season and working condition.
- No contact between rotors and casing that ensure long pump life.
- Suitable for pumping corrosive by special Teflon coating.
- Short gas through the pump make pump can handle liquids, condensate and even small particle
- Nitrogen gas, steam and solvents can be used to clean the pump.
- Drive end adopts mechanical seal and lip seal, it can support to choose seal protect according to working condition.
- Enables the recovery of solvent or expensive process materials from outlet.

DVS-300 技术数据表 Technical Data

| 性能数据 Specifications | | |
|-------------------------|-------------------|-------------|
| 抽速 Pumping Speed | m ³ /h | 300 |
| 转速 Rotate speed | rpm | 2900 |
| 极限压力 Ultimate Pressure | Pa.a | 4 |
| 最大排气压力 Backing Pressure | Bar.g | 0.3 |
| 重量 Weight | Kg | 530 |
| 电机功率 Motor Power | Kw | 11 |
| 接口尺寸 Port Size | | |
| 进气口 Suction | | 50 |
| 排气口 Discharge | | 40 |
| 冷却水 Cooling Water | | |
| 接口尺寸 Port Size | | G1/2" |
| 压力 Pressure | Bar.g | 2~6 |
| 温度 Temperature | °C | <32 |
| 流量 Flow Rate | L/min | 8~15 |
| 驱动 Drive Type | | |
| 驱动形式 Drive Type | | 直联电机 |
| 电机规格 Motor Size | | 160M-2-B3 |
| 联轴器 Coupling | | XL-5 |
| 密封形式 Seal Type | | |
| 进气端 Suction End | | 双唇形密封 |
| 排气端 Discharge End | | 唇形密封 + 机械密封 |
| 驱动端 Drive End | | 机械密封 + 唇形密封 |
| 材质 Material | | |
| 泵体 Housing | | HT-250 |
| 端盖 End Plate | | HT-250 |
| 转子 Rotor | | QT-400 |
| 轴 Shaft | | QT-400 |
| 涂层 Coating | | |
| 涂层材质 Material | | PFA |
| 涂层厚度 | μm | 80 |

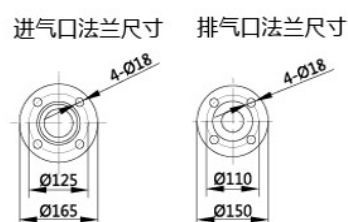
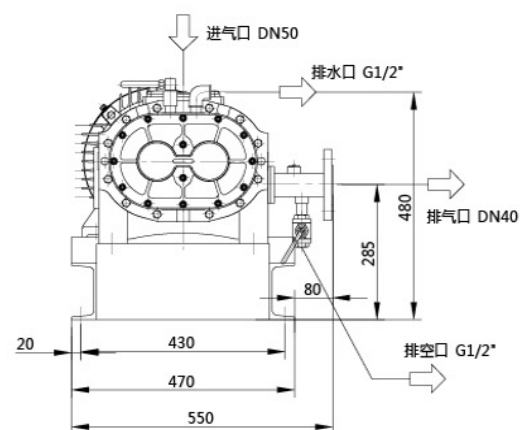
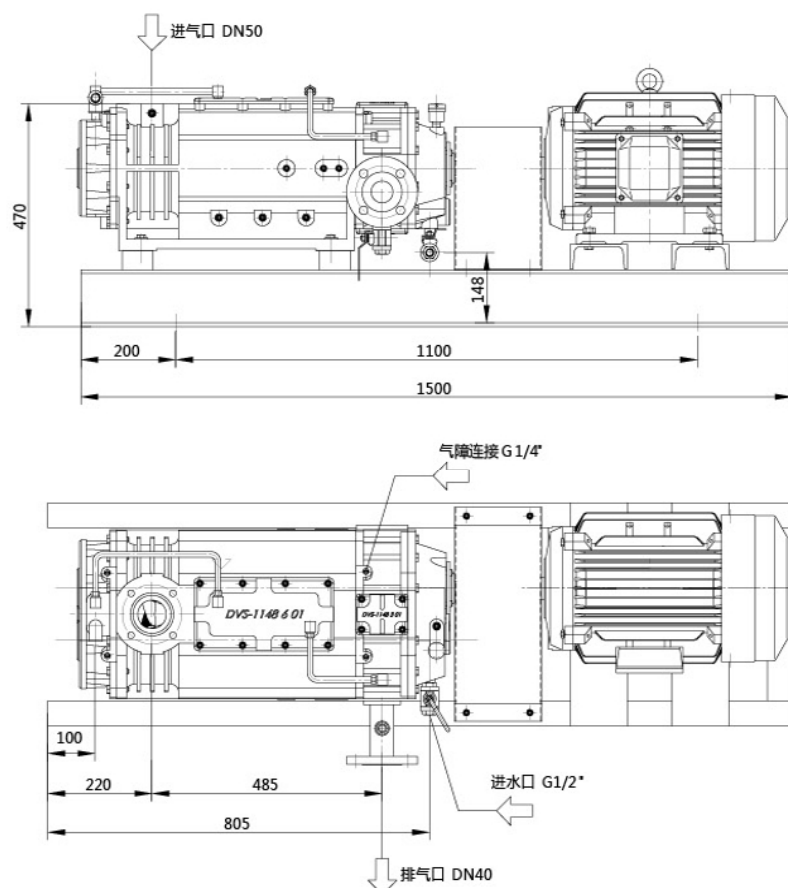
性能曲线 · Performance Curve



应用 · Applications

- 化工制药
蒸馏、干燥、溶剂回收、脱水、分子蒸馏
- 食品
冷冻干燥、包装
- 电子
化学汽相淀积、干法刻蚀、光伏
- Chemical & Pharmaceutical
Distillation, Drying, Solvent recovery, Dehydration, Molecular distillation
- Food
Frozen drying, Packing
- Semiconductor
C.V.D., Dry etching, Solar

尺寸图 · Dimensions



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