集创兴科技有限公司

TCS Precision Technology Co., Ltd

电磁泵规格书

Specification of electromagnetic pump

客　　户：T007

Customer:

品　　名：电磁泵

Part name：Electromagnetic Pump

型　　号：**JDB1180013**

Model:

日　　期：**2025.07.26**

Date:

页　　数：共 7 页（包括封面）

Number of pages:7 pages (including cover)

作成/Made	审核/Audit	核准/Approval
田连杰	范点	

客户承认

Customer Approval

变更履历表
Revision history

NO.	修订日期 Date	修订内容 Contents	修订单位 Revised by
A/1	2025.07.26	引线增加胶壳、长度由 300±10mm→290±10mm	研发

1.测试环境 Test Environment:

	项目 Item	规格 Specifications
1-1	测试姿态 Attitude Test	水平 Level
1-2	测试环境温度湿度 Test environment temperature and humidity	周围温度 25℃相对湿度 65%RH 为标准.如无争议发生可以在下述环境测试:周围温度 10-40℃相对湿度 40-85%RH。 Ambient temperature of 25 ℃ relative humidity 65% RH as the standard. If no dispute has arisen in the following environmental tests: ambient temperature of 10-40 ℃ relative humidity 40-85% RH.

2.定格条件 Freeze-frame conditions：

2-1	定格电压 Fixed grid voltage	AC 110V
2-2	电源频率 Power Frequency	60Hz
2-3	空载电流 No-load current (≤150mA)	使用定格电压供应气泵充气时(不接气缸)的最高电流≤150mA。 The maxmium current value shall be less than 150mA while pump working (not connect with cylinder) with rate voltage.
2-4	空载功率 No-load power (≤15W)	使用定格电压供应气泵充气时(不接气缸)的最大功率值≤15W。 The maximum power value shall be less than 15W while pump working (not connect with cylinder) with rate voltage.
2-5	流量 Flow (≥10L/min)	流量: ≥10L/min。 Air flow: ≥10L/min
2-6	压力 Pressure (≥27Kpa)	使用定格电压供应气泵充气时的最大压力值≥27Kpa。 The maxmium pressure value shall be less than 27Kpa While pump working with rate voltage.

2-7	噪音 Noise (≤60dB)	气泵接入500CC气缸,将气泵之下垫5cm之海绵, 距噪音计1m之处, 依电压AC 110V充气所测得噪音值≤60dB。 Putting Pump connected with 500CC cylinder , a 5cm sponge under the pump ,and placing it about 1m away from the noise meter ,the evaluated noise level shall be less than 60dB While pressurizing with AC 110V.
2-8	使用温度范围 Temperature Range	5°C ~45°C,30%~80%RH
2-9	保存温度范围 Storage temperature range	-20 ~70°C,30%~80%RH

3.保证性能 Guaranteed performance:

3-1	线圈温升 Coil temperature rise	气泵接入500CC气缸，在额定电压下，置于水平面上，气泵在连续工作状态下，电阻温升测量温升低于65K。 Pump connected with 500CC cylinder ,continuous power at rate voltage on the falt position ,the temperature rise of less than 65k with resistance test method.
3-2	耐电压 Dielectric	在 AC 1500V 电压下线圈与金属间测试一秒钟后无贯穿,无异常现象(电流≤1mA)。 It hase to test between the coil and out metal parts at applying AC 1500V for 1second(current≤1mA)
3-3	寿命测试 Lifetime	正常负荷时,在额定电压下持续通电工作达2000小时以上无异常。 The pump is still in a good function after working for 2000 hours continuously with rated voltage.

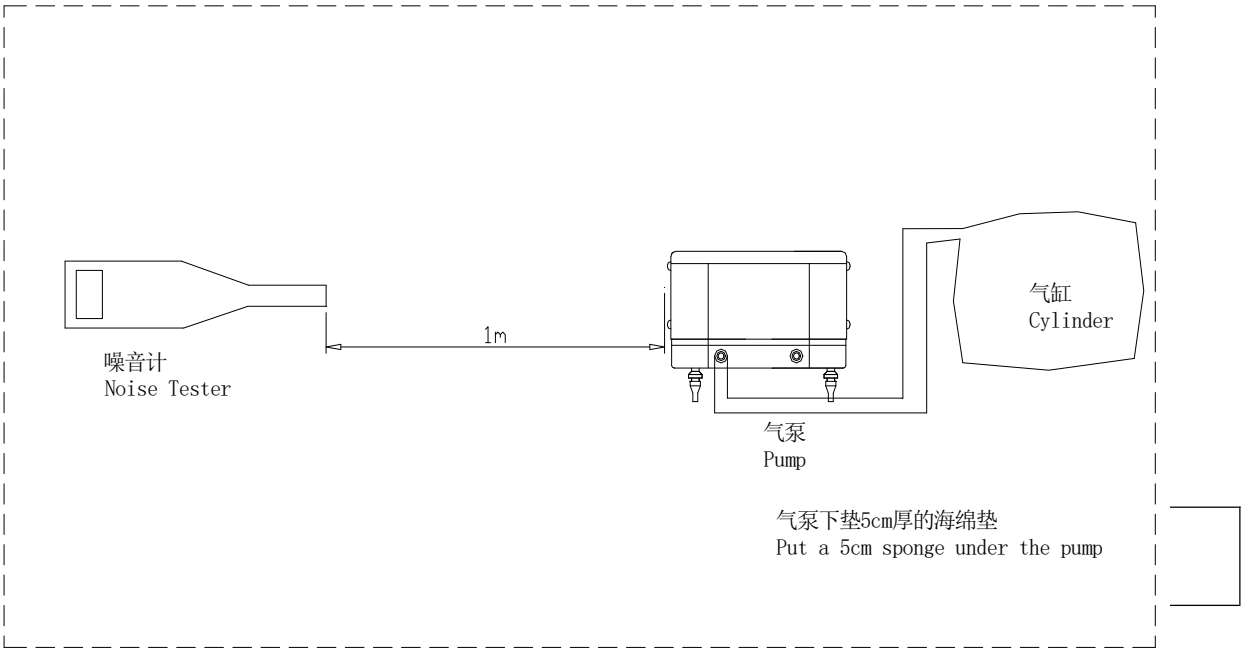
4.其它 Other：

4-1	电源线强度 Power line intensity	以2.0公斤法码与电源线平行负载无异常。 To 2.0 Kg France yards and power lines parallel to the load without abnormal

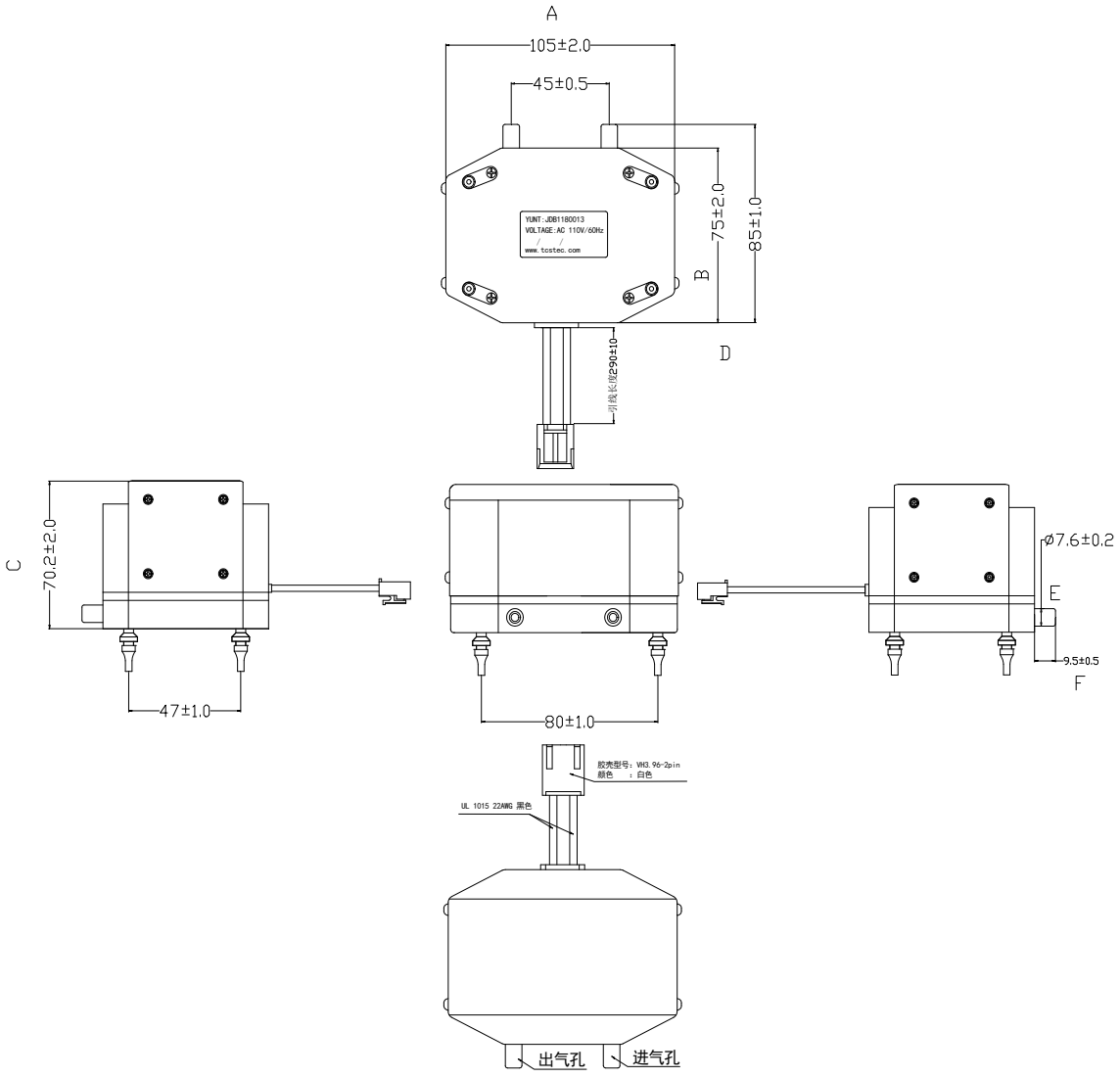
4-2	落下实验 Drop test	使用标准的包装方式,将其从 50cm 的高度分别从正面,侧面,及边角落在水泥地板上,其性能及结构需无异常。 Basic preformange and structure shall not be defected after following test :with a standard packaging conditions .the dropping it at the front ,side .and edges part from the height of 50cm to The concrete floor.
4-3	异常试验 Abnormal test	以 AC 120V 连续 8 小时通电无燃烧,发烟现象。There is no burning and smoking occurrence while the power is on with AC 120V for 8 hours continuously.
4-4	外观 Appearance	产品无不适当的外观和刮伤, 脏污…等 The appearances of the pump shall not contain cracks and impurities…
4-5	标签 Label: 产品型号Model 使用电压Voltage 生产批号Date 公司网址Website YUNT:JDB1180013 VOLTAGE:AC 110V/60Hz / / www.tcstec.com	

5.测试模式 Test Mode:

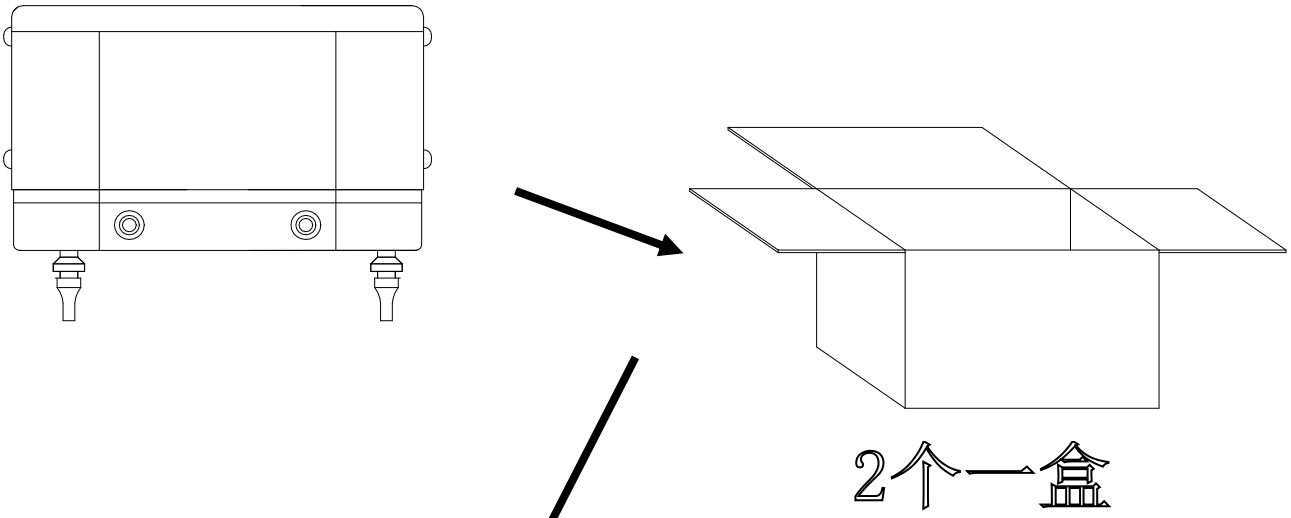
5-1	噪音测试线路图 Noise Test diagram:

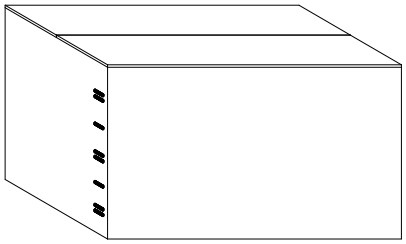


6.外形图 Finished Outline:



7.包装图:(Packs the chart)：





每箱三层 30个

