



深圳市集创兴科技有限公司

Shenzhen TCS Precision Technology Co., Ltd

气泵规格书

Specification of air pump

客 户: F024

Customer

品 名: 气泵

Part name Air pump

型 号: JQB4560001

Model

日 期: 2018.09.14

Date

页 数: 共 6 页 (包括封面)

Number of pages

作 成 Make	审 核 Check	承 认 Recognition

客户承认

Customer acknowledgment

--	--	--	--

深圳市集创兴科技有限公司

Shenzhen TCS Precision Technology Co. , Ltd

1.测试环境 (Testing environment) :

序号 Serial number	项目 Project	测试标准 Gauge Standard
1-1	测试姿态 Test posture	水平 Level
1-2	负荷 Load	气压 0~70kPa 以内 In barometric pressure 0~70kPa
1-3	测试环境温度湿度 Testing environment temperature 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 25℃ relative humidity 65%RH is a standard. If occurs without the dispute may in the following environment test: Ambient temperature 10-40℃ relative humidity 40-85%RH

2.定格条件: Frames the condition

2-1	定格电压 Rated voltage	DC 12V
2-2	使用电压范围 Operating voltage range	DC 9~14V
2-3	空载电流 $\leq 830\text{mA}$ No-load current	使用定格电压气泵充气时(不接气缸)的最高电流 The use rated voltage supply air pump gasifies when (does not meet the air cylinder) highest electric current
2-4	空载流量 $\geq 14.5\text{L/min}$ No-load Flow	使用定格电压供应气泵充气时的最大流量值 The use rated voltage supply air pump gasifies when maximal-flow size
2-5	负载流量 $\geq 7.5\text{L/min}$ load air flow	DC12V 压力 40Kpa 时的流量 $\geq 7.5\text{L/min}$ DC12V pressure and 40Kpa of flow was 7.5L/min
2-6	最大压力 $\geq 70\text{kPa}$ Maximum pressure	使用定格电压供应气泵充气时的最大压力值 The use rated voltage supply air pump gasifies when biggest value of pressure
2-7	噪音 $\leq 70\text{dB}$ Noise	将气泵之下垫 5cm 之海绵, 距噪音计 1m 之处, 依电压 DC12V 接 500CC 气缸 Fronts sponge of the 5cm the air pump, is apart from place of the noise meter 1m, from obtains the dB value according to the voltage DC12V inflation 500 CC cylinder
2-8	使用温度范围 Application temperature scope	5° C ~45° C, 30%~80%RH

深圳市集创兴科技有限公司

Shenzhen TCS Precision Technology Co. , Ltd

2-9	保存温度范围 Preservation temperature range	-20 ~70° C,30%~80%RH
-----	--	----------------------

3.保证性能 Guaranteed performance:

3-1	高温特性 High-temperature characteristic	在 60℃ 经 72 小时放置后, 在放常温(20±5℃)中 2 小时测试无异状 Shall keep the performance after leaving the pump in 60℃ for 72 hours and returning it to room temperature (20±5℃) for two hours
3-2	高温高湿 High-temperature & High humidity	于温度 60℃,湿度 85%环境中经 72 小时取出置于常温(20±5℃)中 2 小时测试无异状 Shall keep the performance after leaving the pump in +60℃ with 85% RH for 72 hours and returning it to room temperature (20±5℃) for two hours
3-3	温湿度循环测试 Temperature & humidity cycle test	在经过 12 次的温湿度循环测试后,需维持相同的性能 Shall keep the performance after repeating following test as one Cycle for 12 times. (-20℃* 2Hr → +25℃* 1Hr → +60℃ 85%RH* 2Hr → +25℃*1Hr)
3-4	寿命试验 Life test	按以下模式测试 300 小时以后测试无异状 (充气 20s,停 5s, 放气 5s, 为一次) According to will try by the stamping die to test 300 hours later to test does not have the unusual form。(gasifies 20s, stops 5s, deflates 5s, is one time)
3-5	耐电压≤0.5mA Standing voltage	DC 100V/1S,at0.5mA 在线圈与金属间测试,无异常现象 DC 100V/1S, at0.5mA tests one minute later between the coil and the metal does not have the penetration, not abnormal phenomenon

4. 高低温测试: Thermal test performance:

4-1	低温环境测试 Low-temperature environment test:	在 0℃ 经五小时后,在此温度下测试无异状 Measuring after 5 hours neglect, and there are no abnormalities in a deed following test in 0℃
4-2	高温环境测试 High-temperature environment test:	在 50℃ 经五小时后,在此温度下测试无异状 Measuring after 5 hours neglect, and there are no abnormalities in a deed a test

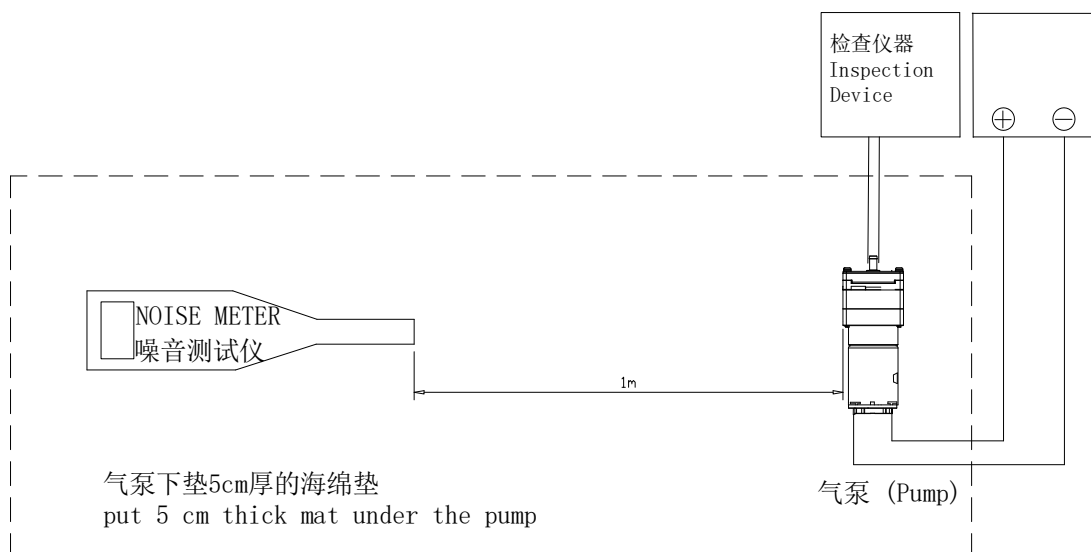
深圳市集创兴科技有限公司

Shenzhen TCS Precision Technology Co. , Ltd

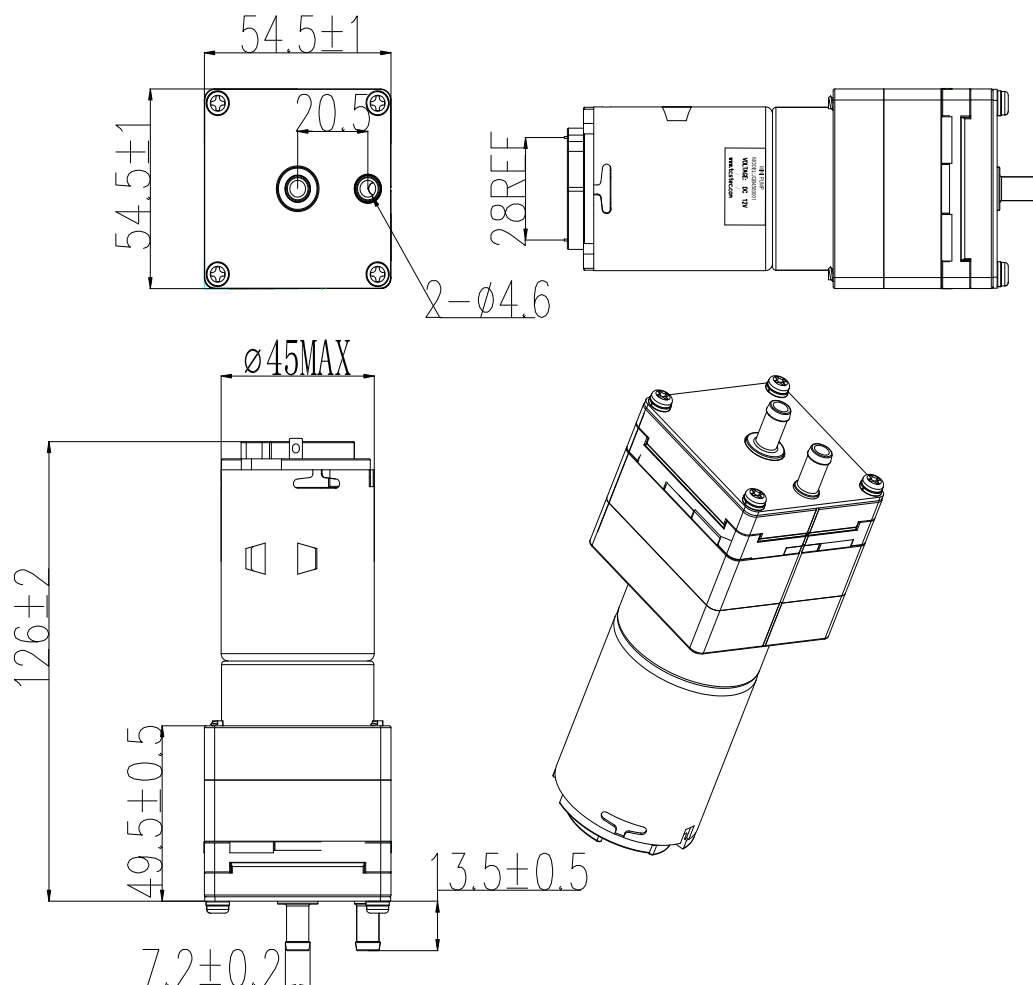
5. 其他 Others:

5-1	端子强度 The lead tension	以 0.5 公斤法码与端子平行负载无异常 Static load 0.5kgf is in the direction of the terminal.No abnormal for one minute
5-2	落下实验 Fall test	使用标准的包装方式(20pcs. per carton),在水泥地上将其从 50cm 的高度分别从正面,侧面,及边角落下,其性能及结构需无异常 Basic performance and the structure shall not be defected after following test. With a standard packaging conditions (20pcs. per carton). Drop the carton at 50cm height on the concrete floor. Once against a corner, twice against edges and three times against faces, And there no abnormalities in a deed a test below
5-3	外观 Appearance	成品无不适当的外观和刮伤, 脏污... They do not need to be a crack, impurity, etc. of appearance unsuitable as goods
5-4	标签内容 Labels: 产品型号 Product Type 额定电压 Rated voltage 生产批号 Production Lot 公司网址 The company website MINI PUMP MODEL:JQB4560001 VOLTAGE: DC 12V / / www. tcstec. com	

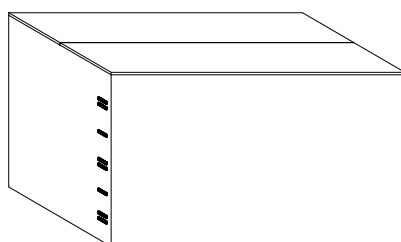
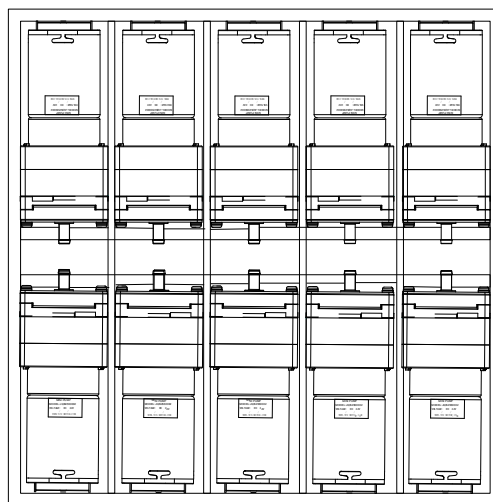
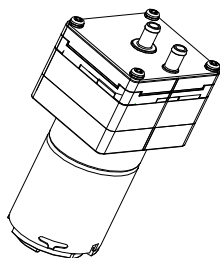
6. 噪音测试线路图 Noise test circuit diagram:



7.成品外形图 Finished Outline:

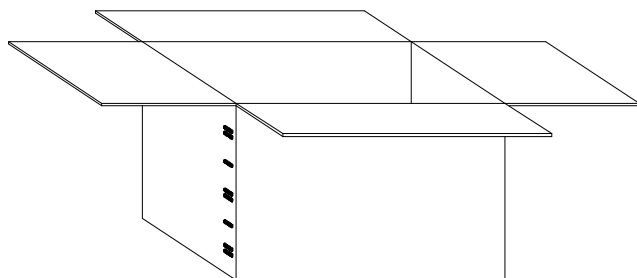


8.包装图: (Packs the chart):



每层 10个
Each layer 10

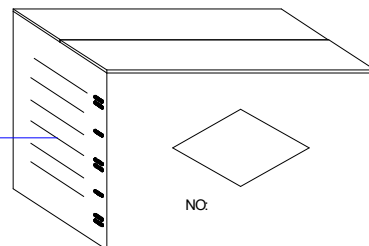
每箱三层 共30个
Each box with three layers of 30



集创兴科技有限公司
TCS PRECISION TECHNOLOGY CO., LTD

TYPE:
P/O NO:
CUSTOMER:
QTY:
GRS.WT:
NET.WT

PCS
KG
KG



深圳市集创兴科技有限公司
Shenzhen TCS Precision Technology Co. , Ltd