

TEAMWORK GLOBAL GROUP LTD

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PUMP SPECIFICATION

气泵样品确认书

Customer

客户

Project

客户料号

MOTOR MODEL

产品型号

5512FPV-10

Specification No.

确认书编号

20181211001

Revision

版本

A/0

CUSTOMER CHECK (客户检查)		
APPROVER (承认)	RECHECK (审核)	INSPECTOR (检验)

PREPARED BY TEAMWORK GLOBAL GROUP LTD (编制)		
APPROVER (承认)	RECHECK (审核)	INSPECTOR (检验)

订立此规范的目的, 便于客户对产品的质量有一个明确标准, 制造和使用双方将按此标准验收, 至于一些尚未包括在内之细节内容, 双方可协商后补充修订。

The purpose of the specification, is to offer a clear standard for the quality of the product. The maker and user should accept it under the standard. For the detail Not included, we should update after consultations.

若确认性能可以接受, 请在一个月内或正式投产前签回此份确认书。

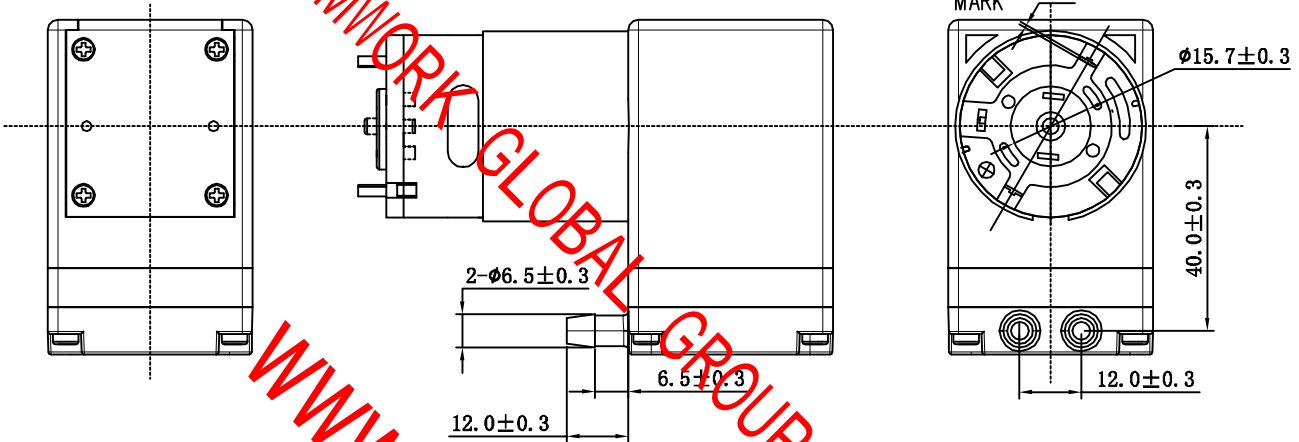
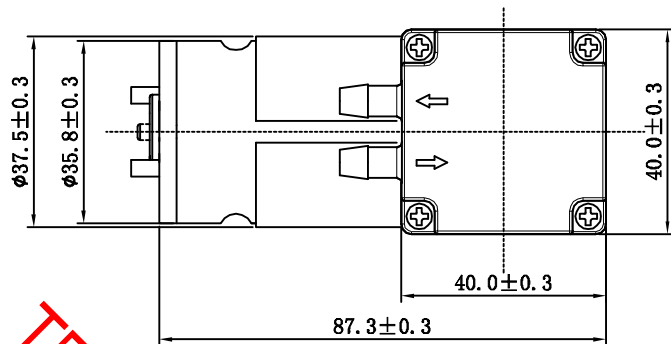
If the specification accepted, Please reply this sheet to us in one month or before batch production.

A

B

C

D



技术参数/Tech Data

- 1、输入电压/Voltage:120V/50Hz/60Hz 全波整流;
- 2、空载电流/No load current $\leq 0.27A$;
- 3、真空电流/Vacuum current $\leq 0.25A$;
- 4、最大真空度/Negative vacuum degree $\geq 80kPa$
- 5、抽真空时间/Vacuuming time $\leq 70s$
- 6、温升测试 $\leq 85K$, 开70s, 停70s, 10个循环
- 7、寿命 ≥ 5000 循环, 1.8L储气罐抽真空测试, 寿命测试完
应无明显机械和电气故障, 性能满足初始性能 $\pm 30\%$
- 8、插管应遵循箭头标识
- 9、外观无明显变形及生锈

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标记		处分	分区	更改文件名	签名	年月日	型号				5512FPV-10			
设计		龙毅		2017.10.3	绘图		黄桂伟		阶段比例		重量	材料	工艺	
审核					标准化		A		比例		FIT			
工艺					标准		REV: 1		1/1		一位小数	二位小数	角度	倒角圆角
											0.1	0.01	1°	0.5

1

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PUMP SPECIFICATION

气泵样品确认书

客户 Customer :
客户料号 Project :
产品型号规格 Motor Model : 5512FPV-10
确认书编号 Specification No. : 20181211001
版本 Revision : A/0

1、适用范围: 本规格书适用于产品 产品型号规格 5512FPV-10

Scope of application: this specification applies to product 产品型号规格 5512FPV-10

2、测试条件 Test conditions:

2.1 测试姿势 Test position: 水平放置 Horizontal placement

2.2 电源 Power Supply: 电压稳定的交流电源 Voltage stabilized DC power supply

2.3 环境测试 Environmental testing:

测试温度范围 $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$, 测试湿度范围 30%-80%RH. 在无争议的情况下可在 (温度 $5^{\circ}\text{C} - 35^{\circ}\text{C}$, 湿度 30%-80%RH) 下进行测试。

Test temperature range of $20^{\circ}\text{C} + 5^{\circ}\text{C}$, the scope of the test humidity 30%-80%RH. in the case of no dispute in (temperature $5^{\circ}\text{C} - 35^{\circ}\text{C}$, humidity 30%-80%RH) under test.

2.4 负荷 load: 空气 atmosphere

3、性能: performance

序号	项目 project	检查标准 Inspection standard	描述 describe
1	使用电压范围 operating voltage	AC100-140V/50HZ/ 60HZ 全波整流	
2	额定输入电压 Rated Voltage : V	AC120V/50HZ/60HZ 全波整流	
3	泵体空载电流 Pump body no-load current	$\leq 0.27\text{A}$	在额定电压下, 单泵体未接气管, 在 20S 后取其稳定值 Under the rated voltage, the single pump body is not connected to the air pipe, and its stable value is taken after 20S.
4	额定真空电流 Rated vacuum current	$\leq 0.25\text{A}$	在额定电压下, 将进气口连接真空压力表, 测试压力稳定后的电流 Connect the air inlet to the vacuum pressure gauge at rated voltage to test the current after the pressure is stable.

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5	真空度 Negative vacuum degree	$\geq 80\text{kPa}$	在额定电压下, 堵进气口抽真空 20S 取其稳定值。 Under the rated voltage, the air inlet is vacuumed to 20S to take its stable value.
6	抽真空时间 Vacuuming time	$\leq 70\text{S}$	在额定电压下, 1.8L 储气罐抽真空压力从 0 到 -75kPa 所用时间 The time taken for the 1.8L gas storage tank to be vacuumed from 0 to -75 kPa at rated voltage
7	温升测试 Temperature rise test	$\leq 85\text{K}$	1.8L 容器抽真空测试, 开 70s 停 70s, 10 个循环 1.8L container vacuum test, open 60s stop 60s, 10 cycles.
8	寿命 Life	≥ 5000 循环 More than 5000 cycles	在额定电压下, 1.8L 储气罐抽真空测试, 开 70s 停 70 秒, 120 秒为一循环, 电机运行时间 ≥ 5000 循环, 寿命后电机应无明显的机械和电气故障, 性能满足初始时性能 $\pm 30\%$ Under the rated voltage, 1.8L gas storage tank vacuum test, open 60s for 60 seconds, 120 seconds for one cycle, motor running time ≥ 5000 cycles, the motor should have no obvious mechanical and electrical failure after the life, the performance meets the initial performance $\pm 30\%$
9	泵体抽真空流向 Pump body evacuated flow direction	在额定电压下, 泵体抽真空流向符合标识要求 At the rated voltage, the pump body vacuum flow direction meets the marking requirements	
10	寿命后耐压测试 Pressure test after life	冷态、条件: AC500V/5mA/1s, 不击穿 Cold condition, condition: AC500V/5mA/1s, do not break through	
11	寿命后绝缘电阻 Insulation resistance after life:	冷态、条件: DC500V/4s, $\geq 5\text{M}\Omega$ Cold condition: DC500V/4s, or more than 5M ohm	
12	外观 Exterior	外观无玷污、刮伤等现象 Appearance without stain, scratch and other phenomena .	