



东莞市德之颂电子科技有限公司
Desun Technology Development Company
Limited.

SPECIFICATION FOR APPROVAL

客户承认书

PRODUCT NAME./产品名称

Brushless DC Pump

MODEL NO./产品型号:

DS2502HF-120201

VERSION/版本:

A

CREATION DATE./制作日期:

2017/8/15

Seller approval

拟 制
ISSUED

审 核
CHECKED

批 准
APPROVED

Customer approval

主 管
DRAW

审 核
CHECKED

批 准
APPROVED

Desun Technology Development Company Limited.

客户名称		产品型号	DS2502HF-120201
客户物料号		产品编号	
样品申请单号		日期	2017/8/15

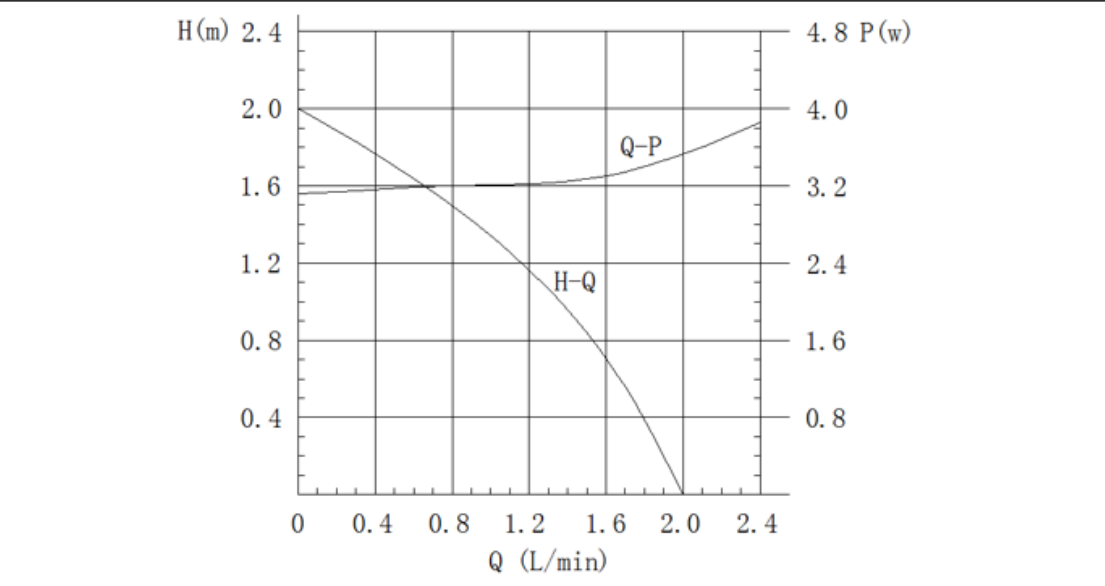
序号	包含文件名称	客户承认书页码
	目录	
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一、Product features/产品特征			
1	Name/产品名称	BLDC无刷直流水泵	
2	model/型号	DS2502HF-120201	
3	Life/寿命	20000H/20000小时	
4	Color/颜色	beige/米黄色	
5	Material/材料	PPE	
6	waterproof level防护等级	IP68	
7	RoHS/环保等级	符合RoHS环保要求	
8	Noise/噪音	≤30dB	
9	Sealability/密封性	≥0.4MPa	
10	Insulation class/绝缘等级	CLASS F (155℃)	
11	Principle/工作原理	Centrifugal/离心泵	

二、Performance parameters/性能参数			
1	Rated voltage/额定电压	12 (Vdc)	第 1 页
2	voltage range/工作电压范围	6V-13.2V	
3	Current Rating/额定电流	0.32A ±10%	
4	Rated power/额定功率	3.8 W	
5	Static lift/静态扬程	2 M	
6	Open Flow/开口流量	2 LPM	
			The pump can work/此范围内水泵能工作
			Maximum flow state/最大流量状态
			Maximum flow state/最大流量状态
			The height of the flow is zero /零流量时的扬程
			Flow head is zero/零扬程时的流量

三、Scope of use/使用范围		
1	Ambient temperature/环境温度	-25℃-50℃
2	Liquid temperature/使用液体温度	0℃-100℃
3	environment humidity/环境湿度	Diving/潜水
4	The type of liquid/液体类型	Liquid/清水
5	Power Type/供电类型	Power adaptor/电源适配器

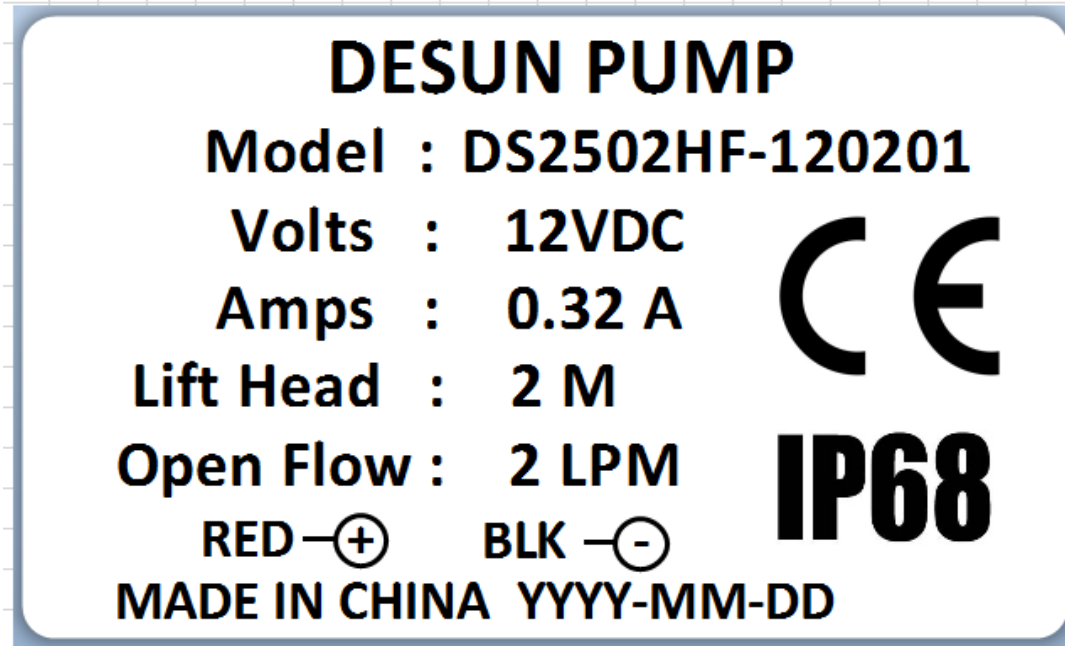
七、Work curve/曲线图



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八、Lable/产品贴纸

NAME PLATE/铭牌: 

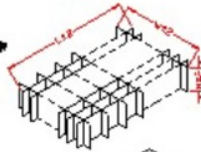
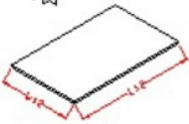
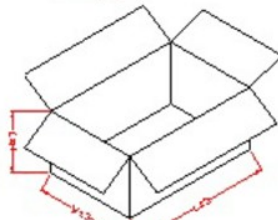


SIZE:32*19MM

* PLEASE ADVISE IF ANY COMMENT ON NAME PLATE INFORMATION. OTHERWISE,
THIS INFORMATION IS REGARDED AS CUSTOMER APPROVAL AND APPLY IN
PRODUCTION.

铭牌资料供客户样品认可使用,如有疑问,请于样品认可前提出,否则,资料将视作客户
认可并应用于生产上.

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PRODUCT NO. /产品编号		PAGE/页码	6	OF	8

PRODUCT/产品  CARDBOARD/刀卡  CAPBOARD/盖板  CARTON/纸箱 	MECHANICAL DIMENSION (UNIT IN mm)/尺寸(单位 mm):			
		L	W	H
	PAPER BOX/刀卡	458.0	40.0	3.0
	PAPER BOX/刀卡	318.0	40.0	3.0
	CARDBOARD/纸板	458.0	318.0	3.0
CARTON/纸箱	470.0	330.0	250.0	
PACKING METHOD/包装方式:				
CARDBOARD PLACEMENT METHOD/纸板放置 方式	PUT A CLAPBOARD OVER AND UNDER THE PRODUCTS OF BOTTOM AND TOP, TOTAL 6PCS/顶层与底层均 有一张平卡, 共6张。			
PACKING METHOD /装箱方式	(10*10)100PCS/LAYER X 5 LAYERS			
	(10*10)100个/层 X 5 层			
QTY/装箱总数	500PCS			
N.G/单个成品净重				
G.W/毛重	14.0Kg			

REMARK/备注:				
1.	STORAGE CONDITION/保存条件			
	TEMPERATURE/保存温度: -10℃~+60℃			
	RELATIVE HUMIDITY/相对湿度: 30%~80%			
2.	STORAGE TIME/保存时间: 6 MONTHES/6个月			
3.	ANLISTATIG: NO REQUIREMENT/无抗静电要求.			
4.	PLEASE ADVISE IF ANY COMMENT ON PACKING INFORMATION, OTHERWISE, THIS			
	INFORMATION IS REGARDED AS CUSTOMER APPROVAL AND APPLY IN PRODUCTION.			
	包装资料供客户样品认可使用, 如有疑问, 请于样品认可前提出, 否则, 资料将视作客			
	户认可并应用于生产上.			

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十、Notice/注意事项

1	This product belongs to the centrifugal pump, must be installed in the liquid surface below the normal position. 本产品属于 离心泵 ，必须安装于液面以下位置！
2	Do not use with 0.35mm larger than the liquid impurities and guide the magnetic particles. 严禁使用带有大于0.35mm的杂质和导磁性颗粒的液体。
3	No liquid in the pump, is strictly prohibited! To prevent high-speed rotation of the rotor to produce high-temperature wear internal structure. 泵内无液体时，严禁使用！防止转子高速旋转产生高温磨损内部结构。
4	When using a low-temperature environment, make sure that the liquid will not freeze or become very viscous. 低温环境使用时，请确保使用液体不会出现结冰或者变得很粘稠。
5	Must be expected to low temperature frost heave the situation, to prevent the winter water within the ice burst. 必须预见低温冻胀的情况，防止冬季水泵内部结冰胀裂。
6	DC brushless pump internal clearance precise control, is strictly prohibited beating; otherwise cause noise and vibration increase! 直流无刷水泵内部间隙精确控制，严禁摔打，否则造成噪声和振动增加！

十一、Contact information/联系方式

公司：Desun Technology Development Company Limited.

电话：(86-769)86018612

传真：(86-769)86018712

邮箱：sales@desun-tech.com

网址：Website: <http://www.desun-tech.com>

地址：Wentang industrial area, Longhua Rd., Dongcheng Dist., Dongguan, Guangdong, China