



Wall Hung Gas Boiler Pump

安徽新沪屏蔽泵有限责任公司
ANHUI SHINHOO CANNED MOTOR PUMP CO.,LTD.

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安徽新沪屏蔽泵有限责任公司
ANHUI SHINHOO CANNED MOTOR PUMP CO.,LTD.

公司简介 Company Profile

安徽新沪屏蔽泵有限责任公司成立于 2018 年 5 月 28 日，为浙江大元泵业股份有限公司（上交所 :603757）的全资子公司，秉持集团“全心全意做好泵，我们做百年企业”的战略规划，专注于商用与民用屏蔽泵的研发、制造和销售。产品广泛应于暖通空调、楼宇供水、热水配套、机房冷却等多元领域中，为多行业客户提供无泄漏流体输送系统性解决方案。服务网络覆盖全球近百个国家和地区，是格力、美的、海尔、博世、威能、三星等众多世界 500 强企业的核心配套商。

安徽新沪作为全国泵标准化技术委员会委员单位，参与起草了一系列屏蔽泵和屏蔽电机标准，拥有百余人的研发团队、CNAS 认证及 TUV 合作实验室，具备强大的研发和测试能力，相关产品获得 CCC、GS、TUV、UL、CE 等多项认证，以及 RoHS、REACH、EEI 等多项检测，公司矢志不渝的坚持以客户需求为导向的产品研发和质量提升，致力于引领中国屏蔽泵行业的发展和 innovation。

安徽新沪从产品设计到制造全流程贯彻低碳标准，率先引进国际先进工艺设备集群，建立战略供应商联盟，构建全生命周期质量管理体系，在全球产业链中打造中国精密制造的品质标杆。



Anhui Shinhoo Canned Motor Pump Co., Ltd., established on May 28, 2018, is a wholly-owned subsidiary of Zhejiang Dayuan Pumps Industrial Co., Ltd. (Shanghai Stock Exchange: 603757). Upholding the Group’s strategic vision of "Wholeheartedly dedicated to pump excellence, we build a century enterprise," the company specializes in the R&D, manufacturing, and sales of commercial and residential canned motor pumps. Its products are widely applied across multiple fields including HVAC, building water supply, hot water systems, and equipment room cooling, providing leak-free fluid transfer system solutions to diverse industrial clients. With a service network spanning nearly 100 countries and regions worldwide, Anhui Shinhoo serves as a core supplier to numerous Fortune Global 500 enterprises such as Gree, Midea, Haier, Bosch, Vaillant and Samsung.

As a member unit of the National Pump Standardization Technical Committee, Anhui Shinhoo has participated in drafting a series of industry standards for canned motor pumps and canned motors. The company boasts:

- A 100+ member R&D team
- CNAS-accredited laboratory with TÜV collaboration
- Comprehensive R&D and testing capabilities
- Product certifications including CCC, GS, TÜV, UL, CE
- Compliance with RoHS, REACH, EEI regulations

Committed to customer-driven product innovation and quality enhancement, the company is dedicated to leading the development and advancement of China’s canned motor pump industry. From product design to manufacturing, Anhui Shinhoo implements low-carbon standards throughout its entire workflow. The company has pioneered the introduction of advanced international production equipment clusters, established strategic supplier alliances, and built a full lifecycle quality management system—forging China’s precision manufacturing quality benchmark within the global supply chain.

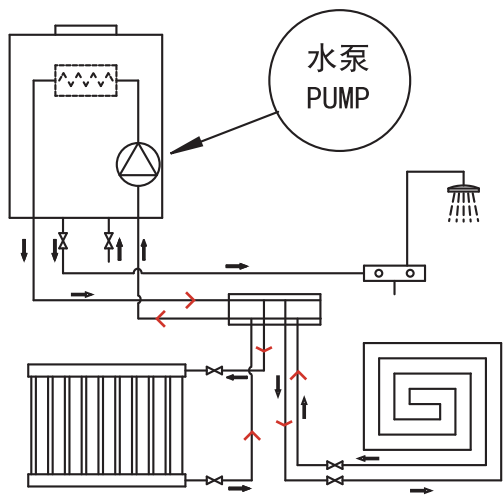
产品介绍 Product Introduction

- 1. 本产品主要由定子、转子、屏蔽套、排气阀等部件组成。
- 2. 密封性：不使用机械密封，电机的定子、转子以不锈钢套屏蔽密封，整体结构采用两个耐热橡胶垫圈
- 3. 润滑和冷却：本产品采用内循环方式，由泵送的液体作为轴承润滑剂并冷却电机。
- 4. 排气：根据空气在系统中向上运动，采用浮球式结构原理。排气阀集成系统在加热系统注液和运行期间可自动地将气体从水中分离出来。
- 5. 噪音：在锅炉中水泵以额定流量运转时的噪音 <42 分贝。

- 1. Shinhoo wall hung gas boiler pump is composed of stator, rotor, shield cover, vent valve and so on.
- 2. Sealing: stator and rotor sealed up with stainless steel shield cover, integral structure sealed up with heat-resisting rubber washer, rather than mechanical seal. This ensures no leakage.
- 3. Lubrication and cooling: use internal circulation, lubricated and cooled by circulated liquid.
- 4. Venting: based on floating ball principle, an integrated air venting system can exhaust the air out of water automatically during liquid injecting and running.
- 5. Noise The noise of pump that works in a boiler with rated flow is less than 42 dB(A).

功能与应用 Function&Application

- 应用于燃气壁挂炉系统
 - 电能转换为水压
 - 传导热水
 - 把热水系统中的气体排除
-
- Apply to wall hung gas boiler system.
 - Transfer the electrical energy to hydraulic pressure.
 - Transfer the heating water.
 - Exhaust the air from HW system.



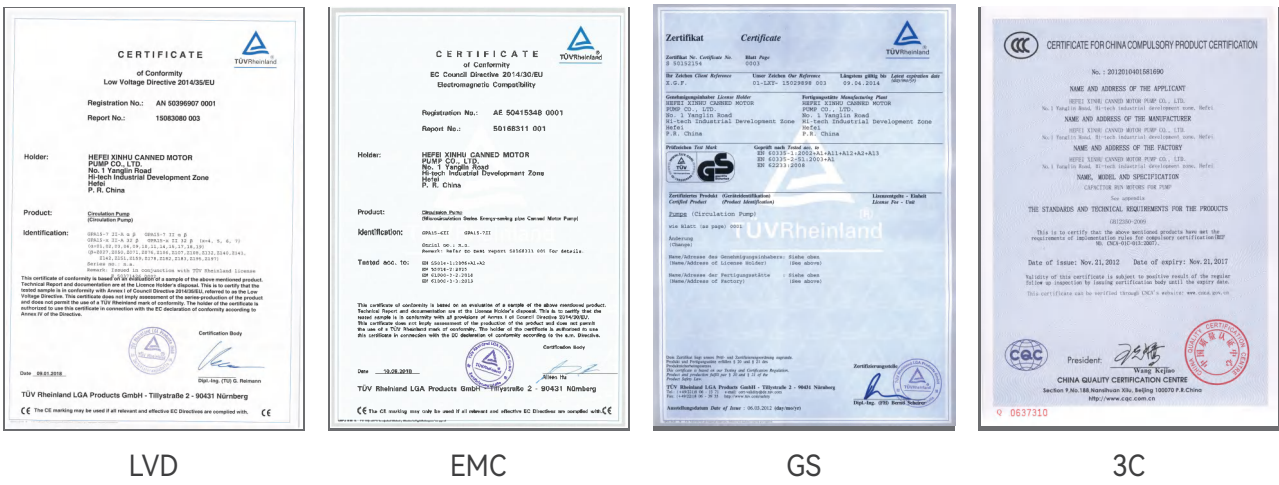
标准化产品和客户定制产品
Standard product & customized product

我们对水泵、电机、电缆线、连接头、控制系统等提供丰富灵活的标准化组件，这些标准组件能够混合搭配上千种不同种类产品。因此，我们能提供满足您要求的标准化组件方案。

如果我们的标准化产品满足不了您的产品要求时，我们可以针对您的技术要求和应用要求提供百分之百的客户定制产品以满足您的团队要求和产品要求。

We offer a very flexible standard program of component solutions, including pumps, motors, cables, connectors, control systems, etc. These standard components can be mixed and matched to thousands of different product variants. So in most cases we are able to meet your requirements with standard solution.

If our standard solution is not workable, we could offer complete customized solution according to your technical and application request that meet your requirement.

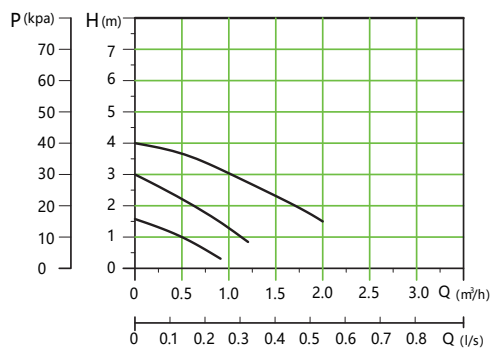


新沪燃气壁挂炉泵（GPD 系列）
Shinhoo Wall Hung Gas Boiler Pump GPD

产品优势 Product advantages

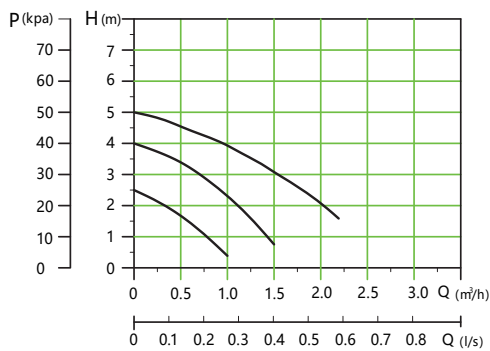
- 电机：电机绝缘等级 H 级
 - 3C 款内置热保护器
 - 电机有单一转速和三种转速两种系列
 - 防护等级：IP44
- Motor: Insulation Class is H
 - Internal thermal protector
 - Single speed and three speeds are available
 - Protection Class:IP44

产品性能曲线图 Performance Curve



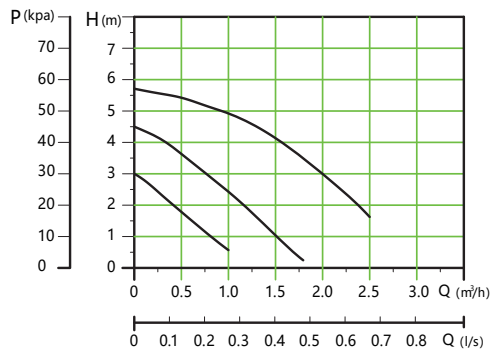
GPD15-4S

Model	Speed	Power(W)	Current(A)
GPD15-4S	III	65	0.28
	II	50	0.22
	I	32	0.15



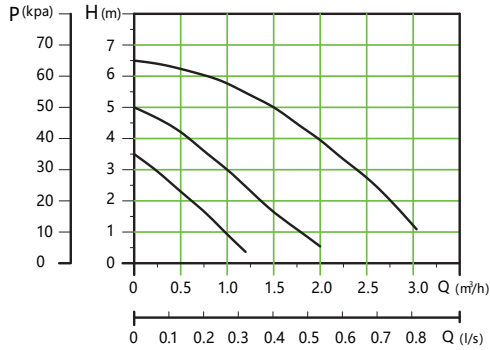
GPD15-5S

Model	Speed	Power(W)	Current(A)
GPD15-5S	III	85	0.4
	II	60	0.3
	I	40	0.22



GPD15-6S

Model	Speed	Power(W)	Current(A)
GPD15-6S	III	100	0.45
	II	70	0.35
	I	55	0.25



GPD15-7S

Model	Speed	Power(W)	Current(A)
GPD15-7S	III	130	0.6
	II	110	0.52
	I	90	0.42

使用条件 Operation Condition

- 电源：电压 230V、频率 50Hz 的单相交流电。水泵启动电压和最低运行电压 (转速降低):175V.
 - 样本中所有的型号可根据用户需求设计制造不同的电压、频率的产品，样本中的曲线及性能参数仅代表 230V/50Hz 的产品性能。
 - 最大系统压力：3bar。为避免气蚀噪音对泵轴承造成的损坏，在泵进口处应维持以下最小压力：1bar。
 - 运行条件：环境温度：0°C-40°C，环境湿度：<95% 循环体温度：2-95°C.
 - 环境温度必须始终低于液体温度，否则在定子腔体内会出现冷凝液体。输送液体：稀薄、清洁、非腐蚀性和非易爆的液体，并不含任何固体颗粒、纤维或矿物油，泵绝对不得用于输送如柴油和汽油之类的易燃液体。
 - 干转：水泵轴承采用水润滑，无水状态下运转不得超过 10s。
- Power: AC230V, 50Hz. The minimum start-up and operation voltage: 175V.
 - Diferent voltage and frequency is available according to customer's requirement . All performance curves inthis catalogue are based on pumps with power supply of AC 230V, 50Hz.
The max. system pressure: 3 bar. in order to avoid cavitation damage to the pump bearing, the mini-
mum inletpressure should be kept as below: 1bar.
 - Operational condition: Ambient temperature: 0'c-40'cAmbient humidity:<95%.Liguid temperature: 2-95'°CcAmbient temperature must be lower than liquid temperature, in order to aviod condensate water produced inthe interior of stator.
 - Transmission fluid: Thin, clean, non-corrosive and non-explosive liquids, without any particle, fiberor mineral oil.
 - Pump can not be used for transferring flammable liquids such as diesel, petrol and so on.
Dry runningPump is lubricated by water, dry running must be no more than 10s.

主要零部件材质表 Bill of Main Material		
No.	零部件名称 Parts Name	材质 Material
1	泵体 Pump Housing	工程塑料 Engineering Plastic
2	叶轮 Impeller	工程塑料 Engineering Plastic
3	轴承 Bearing	陶瓷 Ceramic
4	推力轴承 Thrust Bearing	浸渍石墨 / 碳化硅 Impregnated Graphite/Carborundum
5	轴承座 Bearing Base	不锈钢 304 Stainless Steel
6	定子屏蔽套 Shield Cover	不锈钢 304 Stainless Steel
7	衬垫 Gasket	橡胶 Rubber EPDM

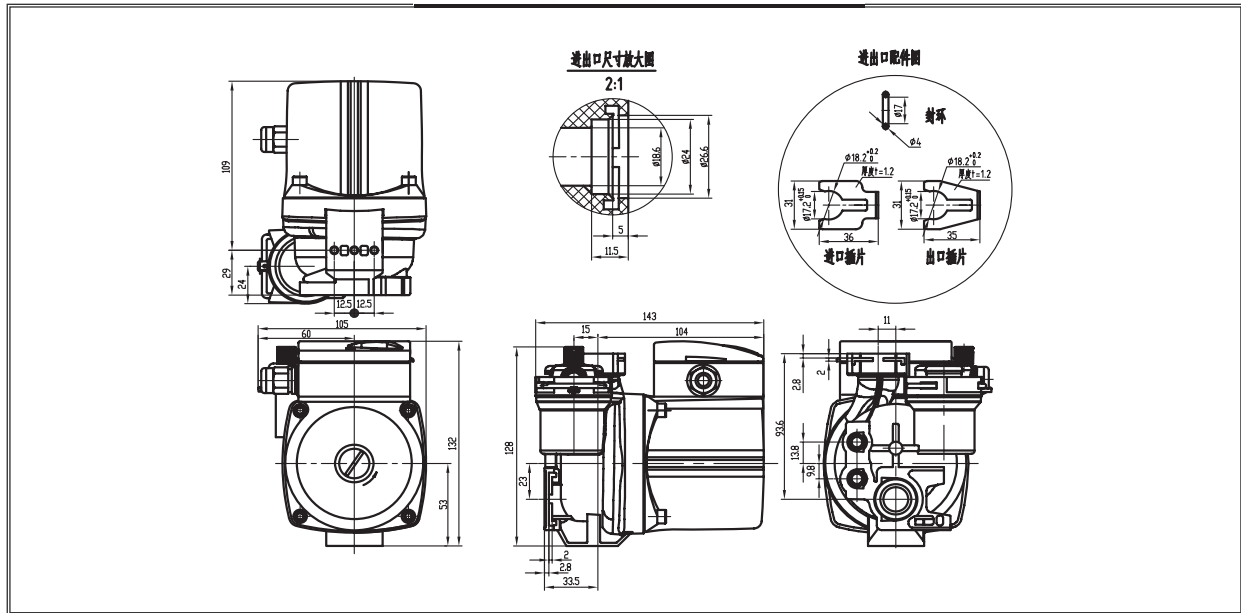
产品安装 Installation

- 必须轴向水平且排气阀垂直向上安装
 - 终端用户使用不得将排气阀帽拧紧
 - 必须由专业人员按用电规范正确安装
- The axial direction of pump must be parallel to the ground and the vent valve should be installed vertically.
 - The user should not tighten the nut of valve.
 - It should be correctly installed by professional persan

MODEL

产品型号

GPD15-xS-Z027

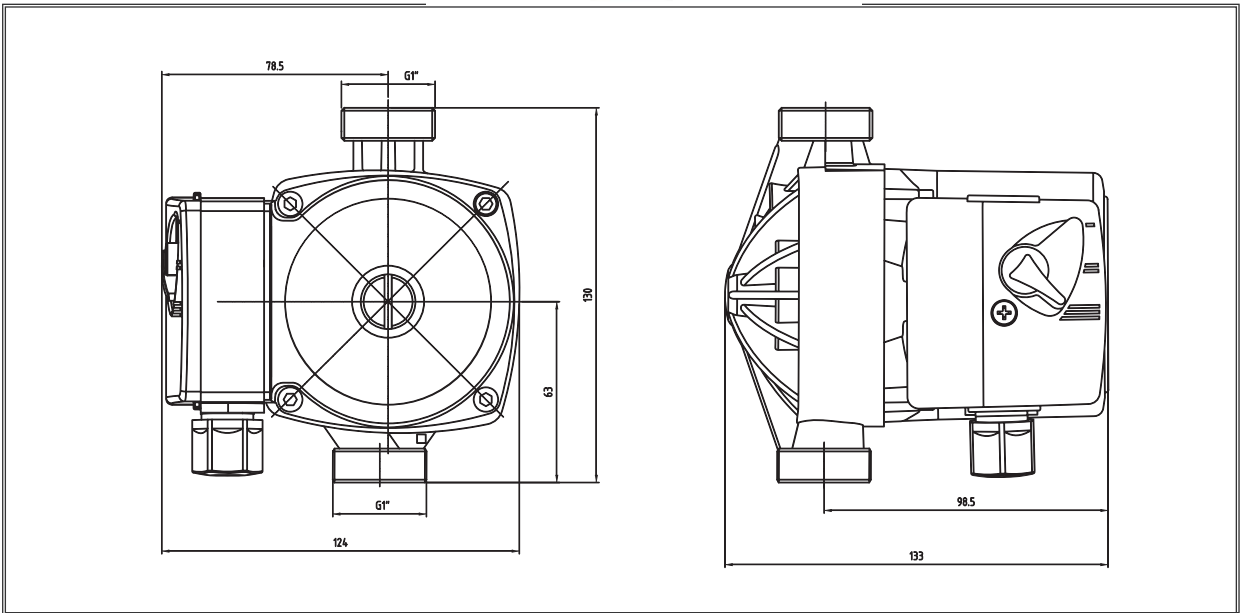


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	档位 Speed	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	电流 I(A)	备注 Remark
1	GPD15-4S Z027	230/50	III	2.0	4.0	65	0.28	所有值为最大值 All values are maximum
			II	1.2	3.0	50	0.22	
			I	0.8	2.0	32	0.15	
	GPD15-5S Z027	230/50	III	2.2	5.0	85	0.40	
			II	1.5	4.0	60	0.30	
			I	1.0	2.5	40	0.22	
	GPD15-6S Z027	230/50	III	2.5	5.7	100	0.45	
			II	1.8	4.5	70	0.35	
			I	1.0	2.5	55	0.25	
	GPD15-7S Z027	230/50	III	2.8	6.5	130	0.60	
			II	2.0	5.0	110	0.52	
			I	1.2	3.5	90	0.42	

MODEL

产品型号

GPD15-xS-Z071

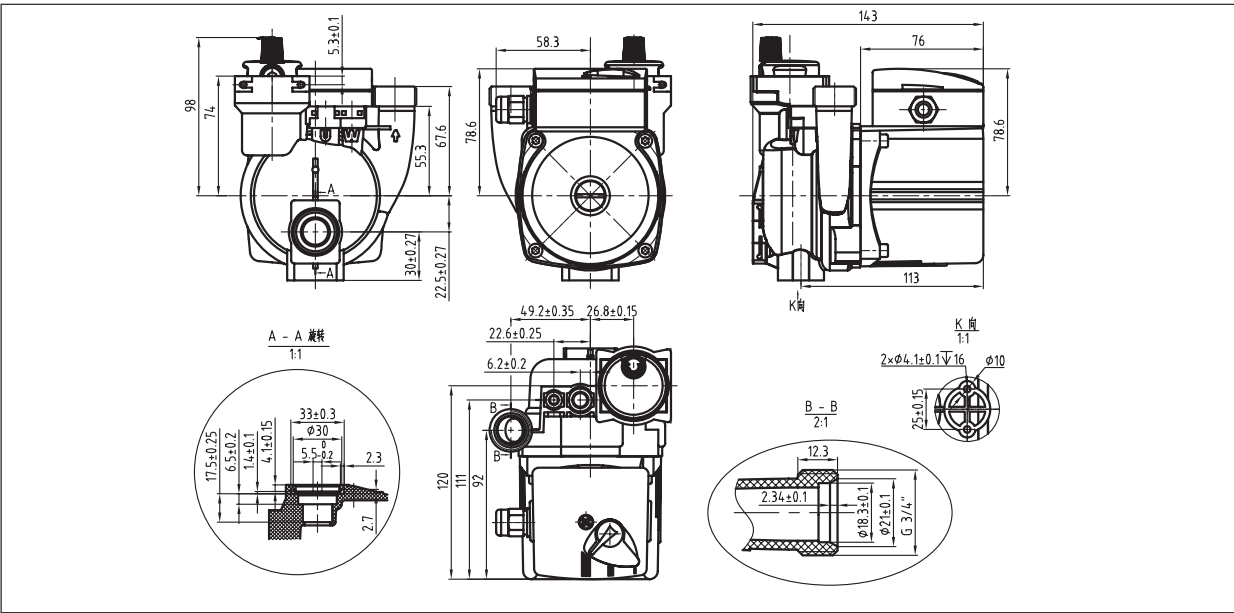


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	档位 Speed	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	电流 I(A)	备注 Remark
2	GPD15-4S Z071	230/50	III	2.0	4.0	65	0.28	所有值为最大值 All values are maximum
			II	1.2	3.0	50	0.22	
			I	0.8	2.0	32	0.15	
	GPD15-5S Z071	230/50	III	2.2	5.0	85	0.40	
			II	1.5	4.0	60	0.30	
			I	1.0	2.5	40	0.22	
	GPD15-6S Z071	230/50	III	2.5	5.7	100	0.45	
			II	1.8	4.5	70	0.35	
			I	1.0	2.5	55	0.25	
	GPD15-7S Z071	230/50	III	2.8	6.5	130	0.60	
			II	2.0	5.0	110	0.52	
			I	1.2	3.5	90	0.42	

MODEL

产品型号

GPD15-xS-Z106

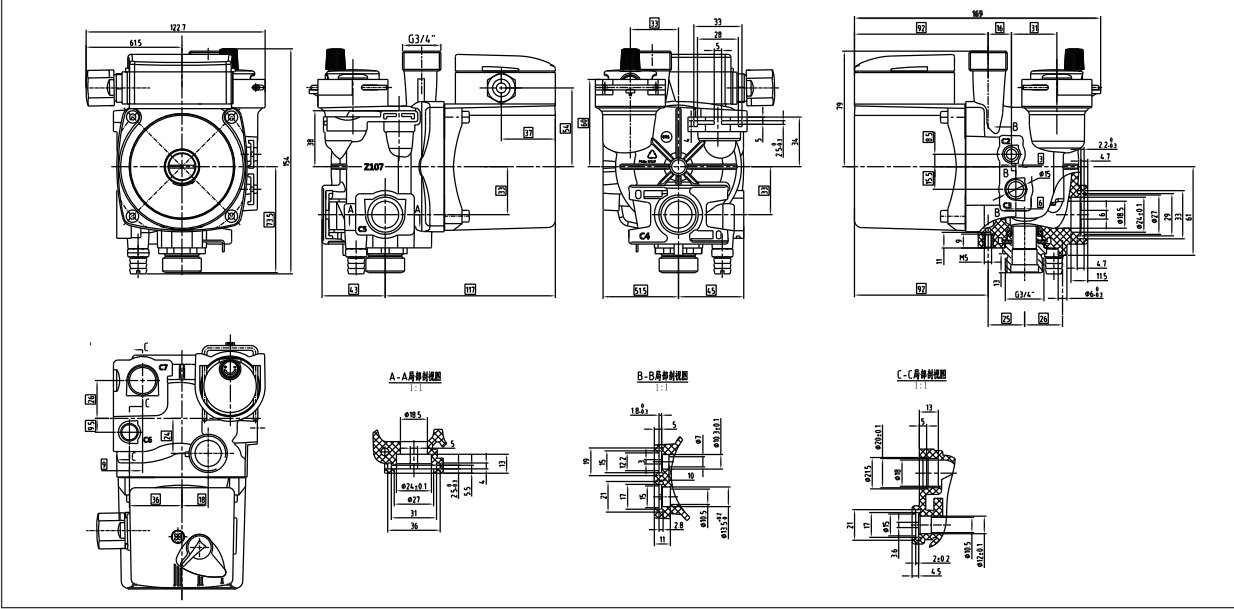


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	档位 Speed	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	电流 I(A)	备注 Remark
3	GPD15-4S Z106	230/50	III	2.0	4.0	65	0.28	所有值为最大值 All values are maximum
			II	1.2	3.0	50	0.22	
			I	0.8	2.0	32	0.15	
	GPD15-5S Z106	230/50	III	2.2	5.0	85	0.40	
			II	1.5	4.0	60	0.30	
			I	1.0	2.5	40	0.22	
	GPD15-6S Z106	230/50	III	2.5	5.7	100	0.45	
			II	1.8	4.5	70	0.35	
			I	1.0	2.5	55	0.25	
	GPD15-7S Z106	230/50	III	2.8	6.5	130	0.60	
			II	2.0	5.0	110	0.52	
			I	1.2	3.5	90	0.42	

MODEL

产品型号

GPD15-xS-Z107

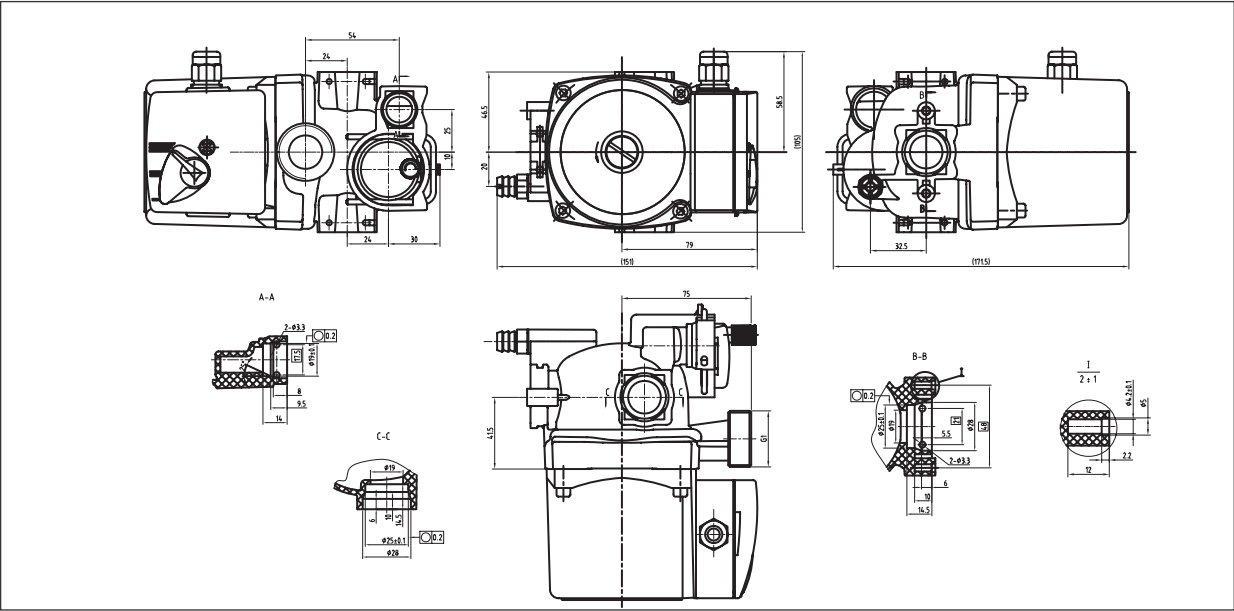


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	档位 Speed	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	电流 I(A)	备注 Remark
4	GPD15-4S Z107	230/50	III	2.0	4.0	65	0.28	所有值为最大值 All values are maximum
			II	1.2	3.0	50	0.22	
			I	0.8	2.0	32	0.15	
	GPD15-5S Z107	230/50	III	2.2	5.0	85	0.40	
			II	1.5	4.0	60	0.30	
			I	1.0	2.5	40	0.22	
	GPD15-6S Z107	230/50	III	2.5	5.7	100	0.45	
			II	1.8	4.5	70	0.35	
			I	1.0	2.5	55	0.25	
	GPD15-7S Z107	230/50	III	2.8	6.5	130	0.60	
			II	2.0	5.0	110	0.52	
			I	1.2	3.5	90	0.42	

MODEL

产品型号

GPD15-xS-Z108

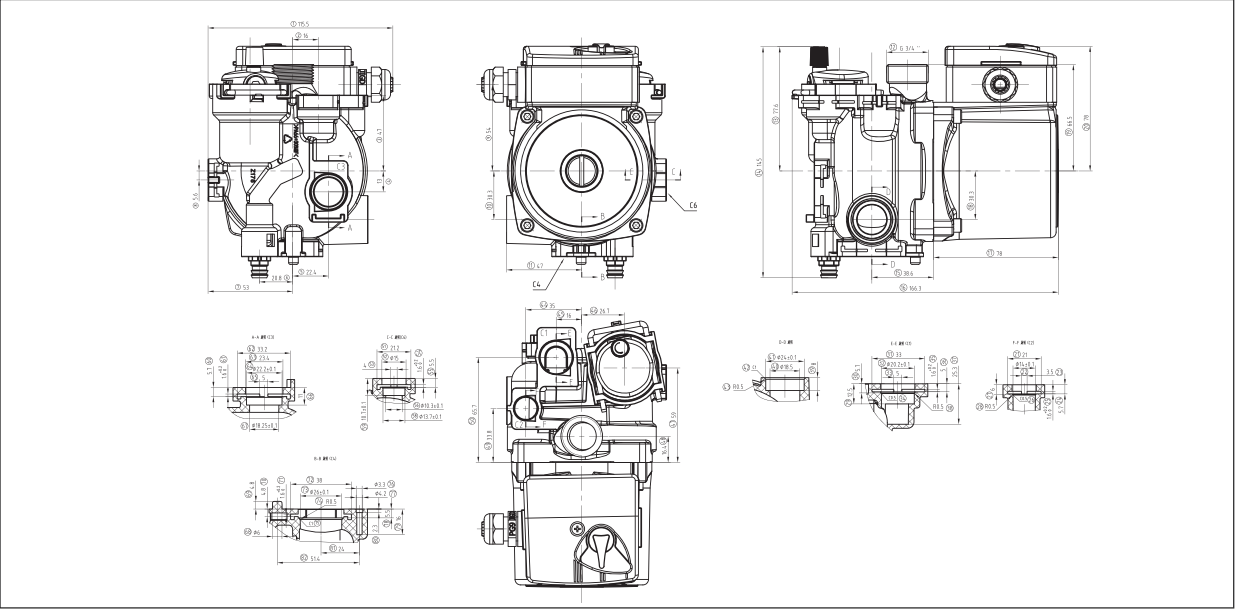


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	档位 Speed	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	电流 I(A)	备注 Remark
5	GPD15-4S Z108	230/50	III	2.0	4.0	65	0.28	所有值为最大值 All values are maximum
			II	1.2	3.0	50	0.22	
			I	0.8	2.0	32	0.15	
	GPD15-5S Z108	230/50	III	2.2	5.0	85	0.40	
			II	1.5	4.0	60	0.30	
			I	1.0	2.5	40	0.22	
	GPD15-6S Z108	230/50	III	2.5	5.7	120	0.50	
			II	1.8	4.5	90	0.40	
			I	1.0	2.5	65	0.30	
	GPD15-7S Z108	230/50	III	2.8	6.5	130	0.60	
			II	2.0	5.0	110	0.52	
			I	1.2	3.5	90	0.42	

MODEL

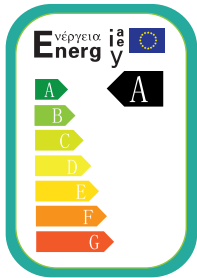
产品型号

GPD15-xS-Z178



序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	档位 Speed	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	电流 I(A)	备注 Remark
6	GPD15-5S Z178	230/50	III	2.2	5.7	85	0.40	所有值为最大值 All values are maximum
			II	1.5	4.5	60	0.30	
			I	1.0	2.5	40	0.22	
	GPD15-6S Z178	230/50	III	2.5	6.5	100	0.45	
			II	1.8	5.0	70	0.35	
			I	1.0	3.5	55	0.25	

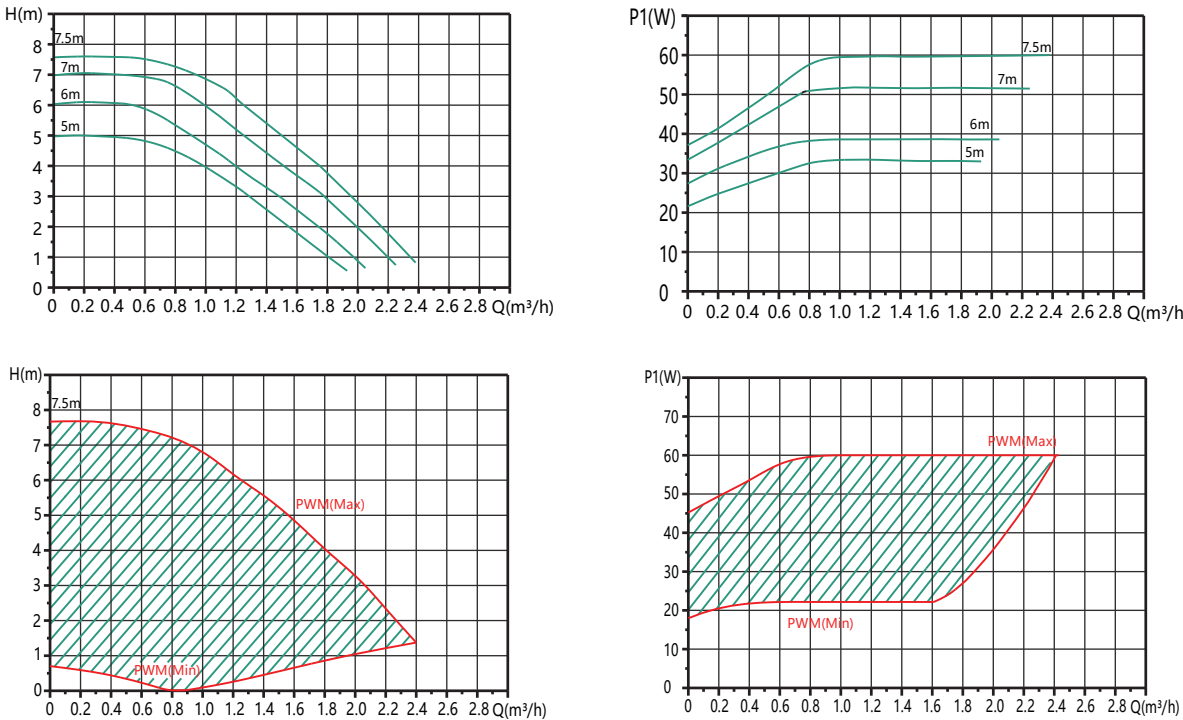
新沪燃气壁挂炉节能泵（III Pro）
Shinhoo High Efficiency Pump GPA III Pro



产品优势 Product advantages

- 高效率，EEI<0.20
 - PWM 通讯
 - 功率反馈
 - 7.5m 高扬程
 - 低电压性能不衰减
- High efficiency, EEI≤0.20-part3
 - PWM communication
 - Power feedback
 - 7.5 high-lift pump
 - Low voltage performance does not decay

产品性能曲线图 Performance Curve



使用条件 Operation Condition

- 电源：电压 230V、频率 50/60Hz 的单相交流电。水泵启动电压和最低运行电压（转速降低）：AC175V。
 - 样本中所有的型号可根据用户需求设计制造不同的电压、频率的产品，样本中的曲线及性能参数仅代表 AC230V150HZ 的产品性能。
 - 最大系统压力：3bar。为避免气蚀噪音对轴承的损坏，在泵进水口处应维持以下最小压力：1bar
 - 工作条件：环境温度：0℃-70℃ 环境湿度：<95% 循环液体温度：2℃-95℃
 - 环境温度必须始终低于液体的温度，否则在定子腔内将会出现冷凝水的现象，造成电机烧机。输送液体：稀薄、清洁、非腐蚀性和非易爆性的液体，不含任何的固体颗粒、纤维或矿物油，泵绝对不得用于输送如柴油和汽油之类的易燃液体。
 - 干转：水泵轴承采用水润滑，无水状态下运转不得超过 10s。
- Power: AC230V,50/60Hz. The minimum start-up and operation voltage: AC175V.
Different voltage and frequency is available according to customer's requirement. All performance curves in this catalogue are based on pumps with power supply of AC 230V, 50Hz.
 - The max.system pressure: 3 bar.
In order to avoid cavitation damage to the pump bearing, the minimum inlet pressure should be kept as below: 1 bar
 - Working condition: Ambient temperature: 0℃ -70℃.Ambient humidity:<95%.Liquid temperature: 2℃ - 95℃Ambient temperature must be lower than liquid temperature, in order to avoid condensate water produced in the interior stator cause motor burnt.
Transmission fluid. Thin, clean, non-corrosive and non-explosive liquids, without any particle, fiber or mineral oil.
Pump can not be used for transferring flammable liquids like diesel, petrol, etc.
 - Dry running: Pump is lubricated by water, dry running must not be more than 10s.

主要零部件材质表 Bill of Main Material

No.	零部件名称 Parts Name	材质 Material
1	泵体 Pump Housing	工程塑料 Engineering Plastic
2	叶轮 Impeller	工程塑料 Engineering Plastic
3	轴承 Bearing	陶瓷 Ceramic
4	推力轴承 Thrust Bearing	浸渍石墨 Impregnated Graphite
5	轴承座 Bearing Base	不锈钢 304 Stainless Steel
6	定子屏蔽套 Shield Cover	不锈钢 304 Stainless Steel
7	衬垫 Gasket	橡胶 Rubber EPDM
8	盒座 Box Holder	工程塑料 Engineering Plastic
9	盒盖 Box Lid	工程塑料 Engineering Plastic

- 产品具备 PWM 控制（数字低电压脉宽调制信号）：
方波 PWM 信号设计频率范围：40Hz～4000Hz；
PWM 输入信号（PWM IN）是用来给定速度指令，通过调节 PWM 占空比来调节速度指令；
PWM 输出信号（PWM OUT）为泵的反馈信号，PWM 频率固定于 75Hz。
- Control principle: Under PWM control mode the pump is controlled by PWM (Pulse Width Modulation) signal
Designed PWM signal frequency range: 40Hz to 4000Hz
PWM Input signal is used to give speed order. T adjusts speed command by adjusting the PWM duty cycle.
PWM Output signal is the feedback signal from pump and the frequency is fixed by 75Hz.
- 5+6+7+7.5 四种不同扬程集成在一台水泵上
4 pump heads: 5m, 6m, 7m and 7.5m integrated in one pump
- 能效指标：EEI≤0.20-part3
Energy efficiency index: EEI≤0.20-part3

控制板 Control Plate		
Light	Pump Head	Power
5	5m	33W
6	6m	39W
7	7m	52W
7.5	7.5m	60W
AUTO	/	/

短按按钮，可以切换水泵档位（扬程）
Press button shortly could change pump head.
能效指标：EEI≤0.20-part3

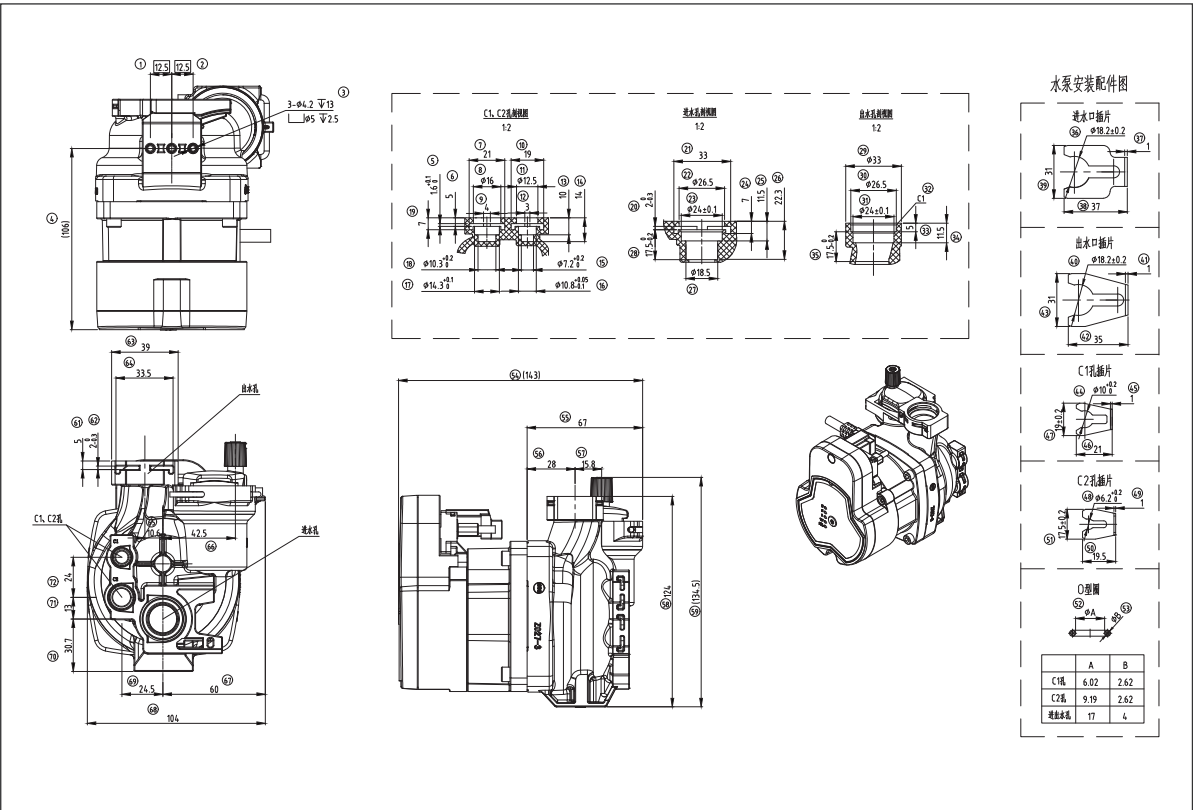
产品安装 Installation

- 必须轴向水平且排气阀垂直向上安装
- 终端用户使用不得将阀帽拧紧
- 必须由专业人员按用电规范正确安装
- The axial direction of pump must be parallel to the ground and the vent valve should be installed vertically
- The user should not tighten the nut of vaive the nut of valve.
- It should be correctly installed by professional person.

MODEL

产品型号

GPA15-7.5 III Pro Z027

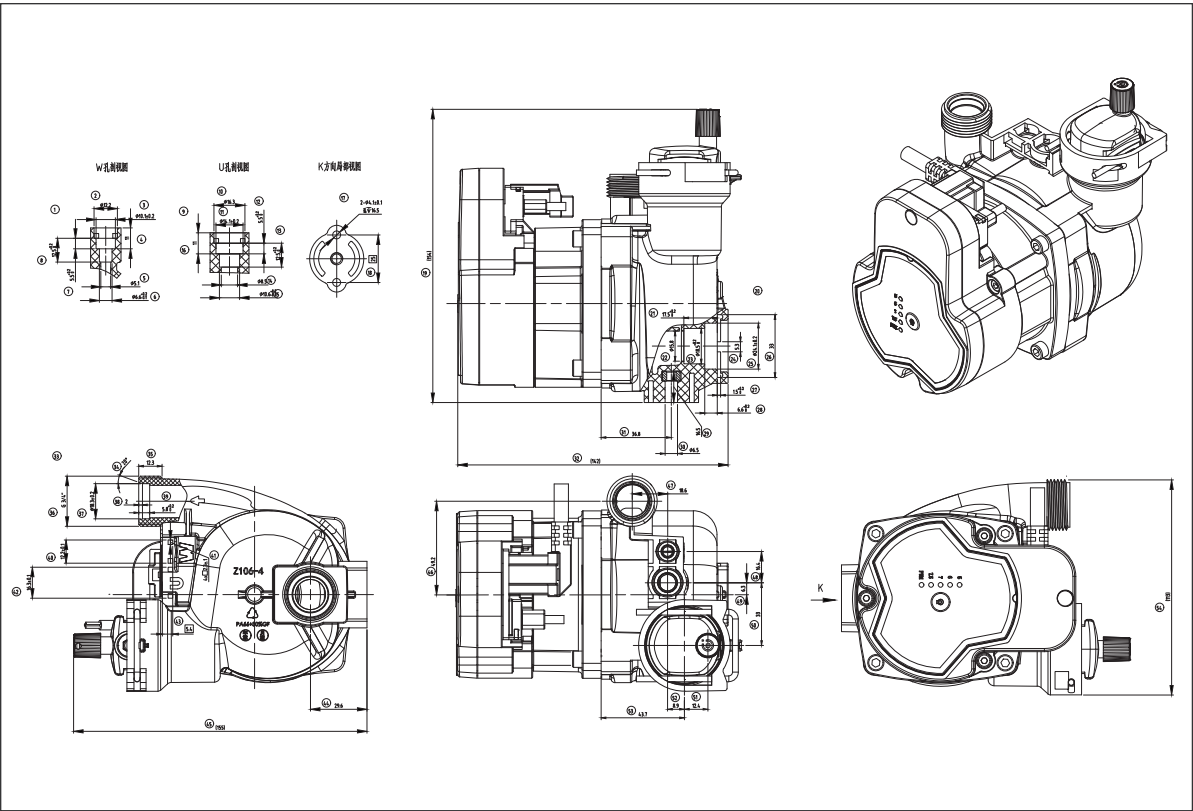


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	档位 Speed	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	电流 I(A)	备注 Remark
1	GPA15-7.5 III Pro Z027	230/50	7.5	2.4	7.5	60	0.50	所有值为最大值 All values are maximun
			7	2.2	7	52	0.45	
			6	2.1	6	39	0.35	
			5	1.9	5	33	0.30	

MODEL

产品型号

GPA15-7.5 III Pro Z106

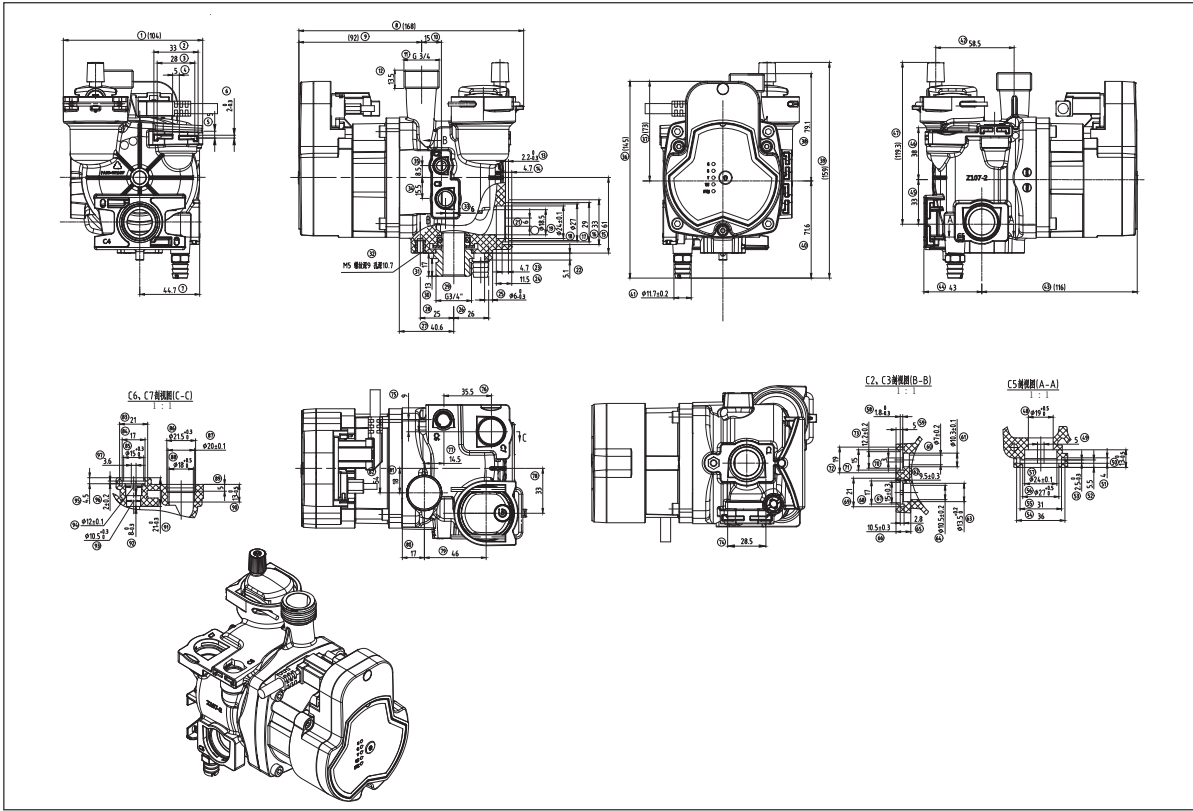


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	档位 Speed	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	电流 I(A)	备注 Remark
2	GPA15-7.5III Pro Z106	230/50	7.5	2.4	7.5	60	0.50	所有值为最大值 All values are maximun
			7	2.2	7	52	0.45	
			6	2.1	6	39	0.35	
			5	1.9	5	33	0.30	

MODEL

产品型号

GPA15-7.5 III Pro Z107

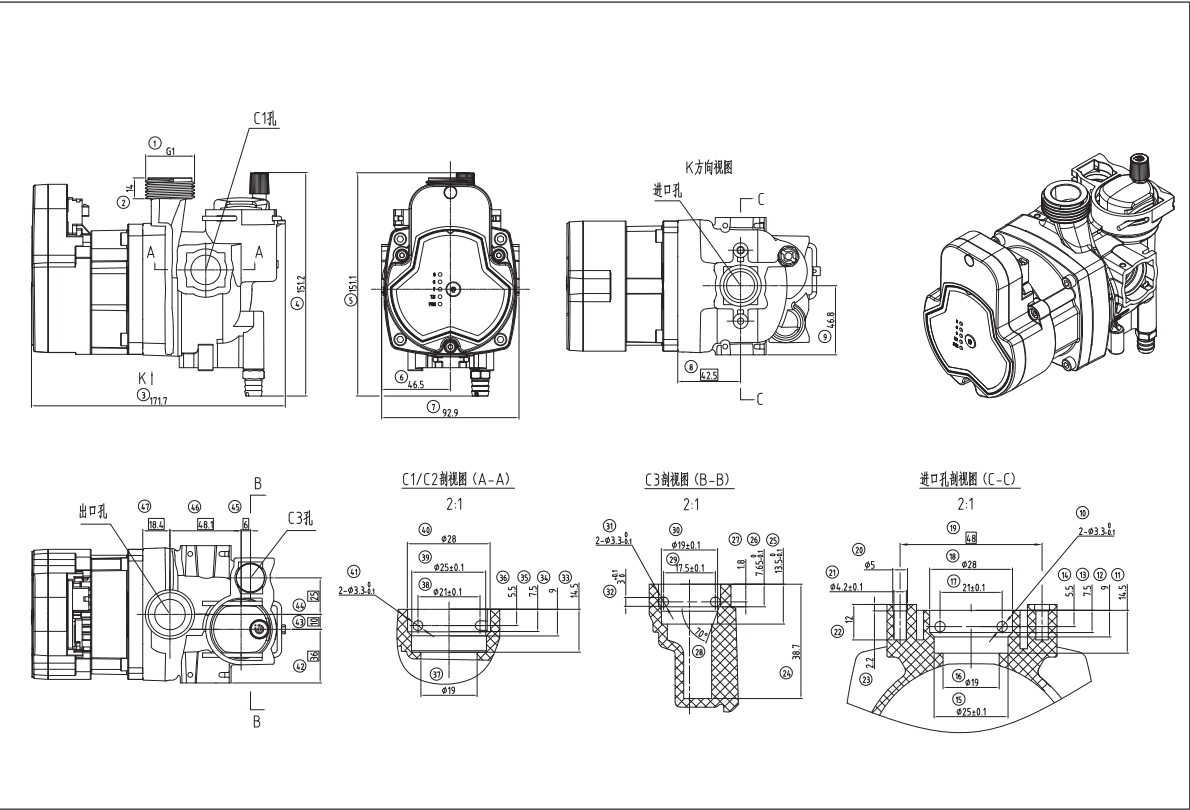


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	档位 Speed	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	电流 I(A)	备注 Remark
3	GPA15-7.5III Pro Z107	230/50	7.5	2.4	7.5	60	0.50	所有值为最大值 All values are maximun
			7	2.2	7	52	0.45	
			6	2.1	6	39	0.35	
			5	1.9	5	33	0.30	

MODEL

产品型号

GPA15-7.5 III Pro Z108

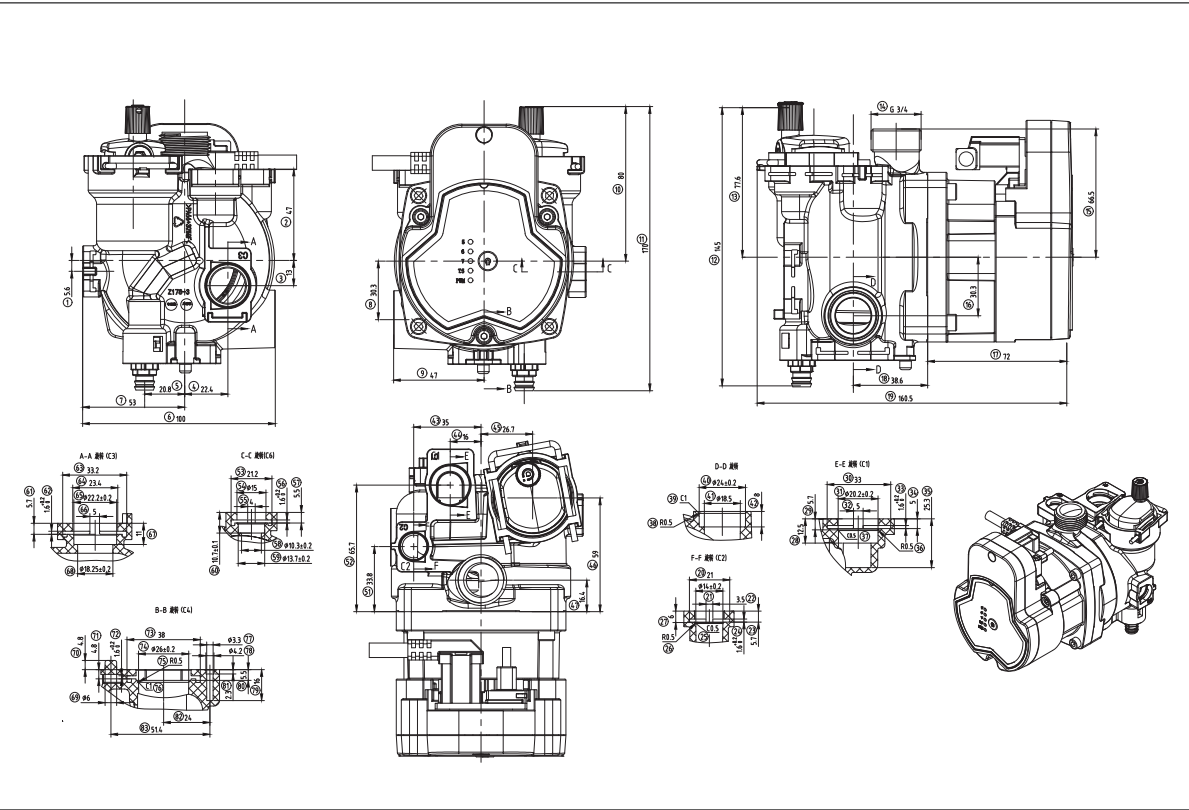


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	档位 Speed	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	电流 I(A)	备注 Remark
4	GPA15-7.5III Pro Z108	230/50	7.5	2.4	7.5	60	0.50	所有值为最大值 All values are maximum
			7	2.2	7	52	0.45	
			6	2.1	6	39	0.35	
			5	1.9	5	33	0.30	

MODEL

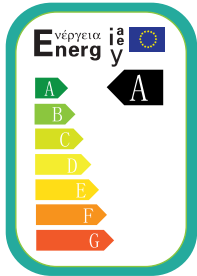
产品型号

GPA15-7.5 III Pro Z178



序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	档位 Speed	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	电流 I(A)	备注 Remark
5	GPA15-7.5III Pro Z178	230/50	7.5	2.4	7.5	60	0.50	所有值为最大值 All values are maximum
			7	2.2	7	52	0.45	
			6	2.1	6	39	0.35	
			5	1.9	5	33	0.30	

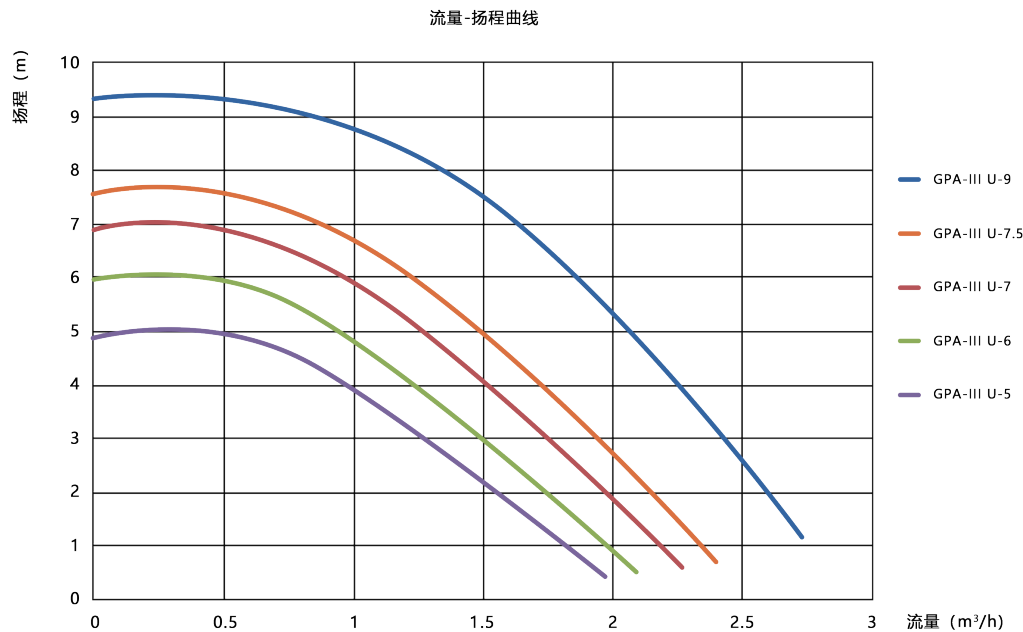
新沪燃气壁挂炉节能泵（III U 系列）
Shinhoo High Efficiency Pump GPA III U



产品优势 Product advantages

- 高效率，EEL<0.20-part3
- PWM/LIN 通讯
- 流量反馈，± 0.2m³/h 精准控制
- 高标准 EMC 抗干扰能力
- 9m 高扬程
- 170V 电压性能不衰减
- High efficiency, EEL≤0.20-part3
- PWM/LIN communication
- Flow feedback, ±0.2m³/h accurate control
- High standard EMC anti-interference capability
- 9m high-lift pump
- 170V voltage does not deca

产品性能曲线图 Performance Curve



使用条件 Operation Condition

- 电源：电压 230V、频率 50Hz 的单相交流电
水泵启动电压和最低运行电压：AC170V
样本中所有的型号可根据用户需求设计制造不同的电压、频率的产品，样本中的曲线及性能参数仅代表 AC230V/50Hz 的产品性能
- 最大系统压力：3bar
为避免气蚀噪音对轴承的损坏，在泵进水口处应维持以下最小压力：1 bar
- 工作条件
环境温度：0°C-70°C
环境湿度：<95%
循环液体温度：2°C-95°C
环境温度必须始终低于液体的温度，否则在定子腔内将会出现冷凝水的现象，造成电机烧机
- 输送液体：稀薄、清洁、非腐蚀性和非易爆性的液体，不含任何的固体颗粒、纤维或矿物油，泵绝对不得用于输送如柴油和汽油之类的易燃液体
干转：水泵轴承采用水润滑，无水状态下运转不得超过 10s
- Power：AC230V 50Hz
The minimum start-up and operation voltage：AC170V
Different voltage and frequency is available according to customer's requirement. All performance curves in this catalogue are based on pumps with power supply of AC 230V, 50Hz.
- The max. system pressure: 3 bar.
In order to avoid cavitation damage to the pump bearing, the minimum inlet pressure should be kept as below:
- Working condition.
Ambient temperature: 0°C- 70°C
Ambient humidity:<95%
Liquid temperature: 2° - 95°C
Ambient temperature must be lower than liquid temperature, in order to avoid condensate water produced in the interior stator cause motor burnt.
- Transmission fluid: Thin, clean, non-corrosive and non-explosive liquids, without any particle, fiber or mineral oil.
Pump can not be used for transferring flammable liquids like diesel, petrol, etc
Dry running: Pump is lubricated by water, dry running must not be more than 10s.

主要零部件材质表 Bill of Main Material		
No.	零部件名称 Parts Name	材质 Material
1	泵体 Pump Housing	工程塑料 Engineering Plastic
2	叶轮 Impeller	工程塑料 Engineering Plastic
3	轴承 Bearing	陶瓷 Ceramic
4	推力轴承 Thrust Bearing	浸渍石墨 Impregnated Graphite
5	轴承座 Bearing Base	不锈钢 304 Stainless Steel
6	定子屏蔽套 Shield Cover	不锈钢 304 Stainless Steel
7	衬垫 Gasket	橡胶 Rubber EPDM
8	盒座 Box Holder	工程塑料 Engineering Plastic
9	盒盖 Box Lid	工程塑料 Engineering Plastic

- 产品具备 PWM 控制 (数字低电压脉宽调制信号) :
方波 PWM 信号设计频率范围 :100Hz~4000Hz
PWM 输入信号 (PWMIN) 是用来给定速度指令, 通过调节 PWM 占空比来调节速度指令
PWM 输出信号 (PWMOUT) 为泵的反馈信号, PWM 频率固定于 75Hz
- 5+6+7+7.5+9 五种不同扬程
- 能效指标 :EEI≤0.20-part3
- Control principle: Under PWM control mode the pump is controlled by PWM (Pulse Width Modulation) signal
- Designed PWM signal frequency range: 100Hz to 4000Hz
PWM Input signal is used to give speed order. T adjusts speed command by adjusting the PWM duty cycle
PWM Output signal is the feedback signal from pump and the frequency is fixed by 75Hz
- 5 pump heads: 5m, 6m, 7m ,7.5m and 9m
- Energy efficiency index: EEI≤0.20-part3

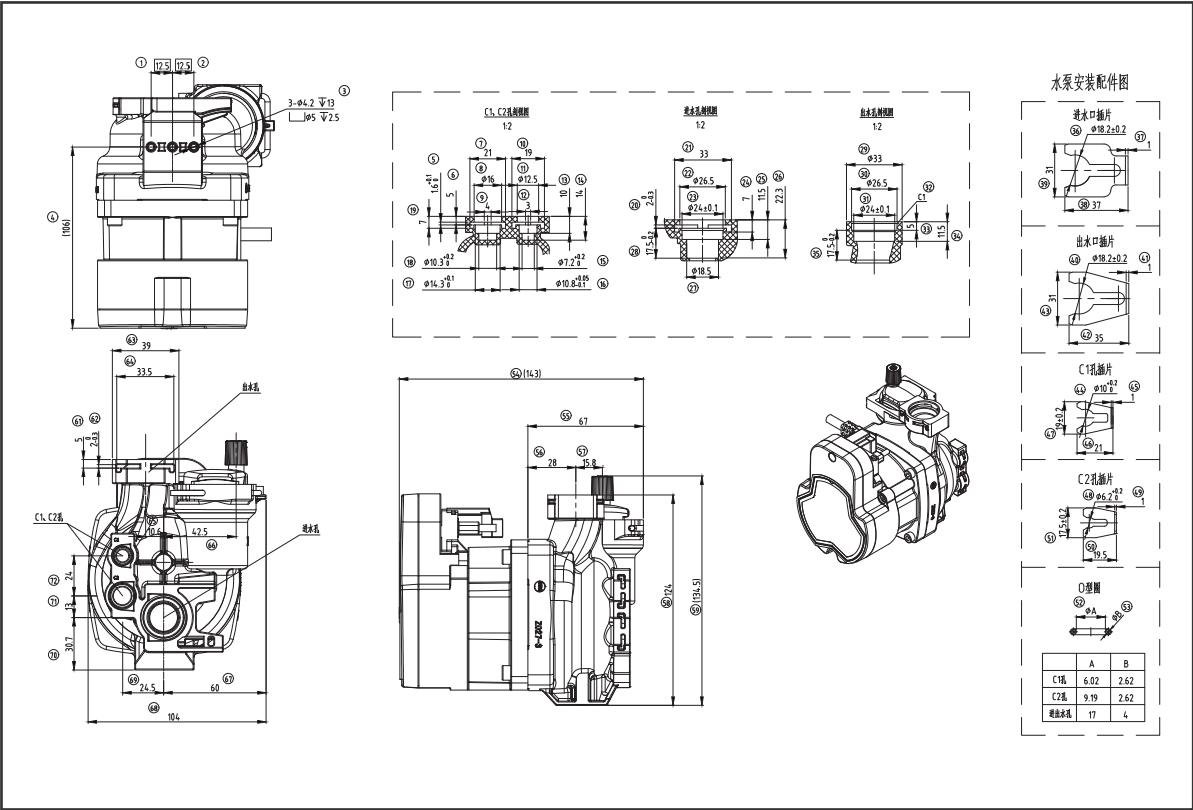
产品安装 Installation

- 必须轴向水平且排气阀垂直向上安装
- 终端用户使用不得将阀帽拧紧
- 必须由专业人员按用电规范正确安装
- The user should not tighten the nut of vaive the nut of valve
- It should be correctiy installed by professional person
- The axial direction of pump must be parallel to the ground and the vent valve should be installed vertically

MODEL

产品型号

GPA15-9 III U Z027

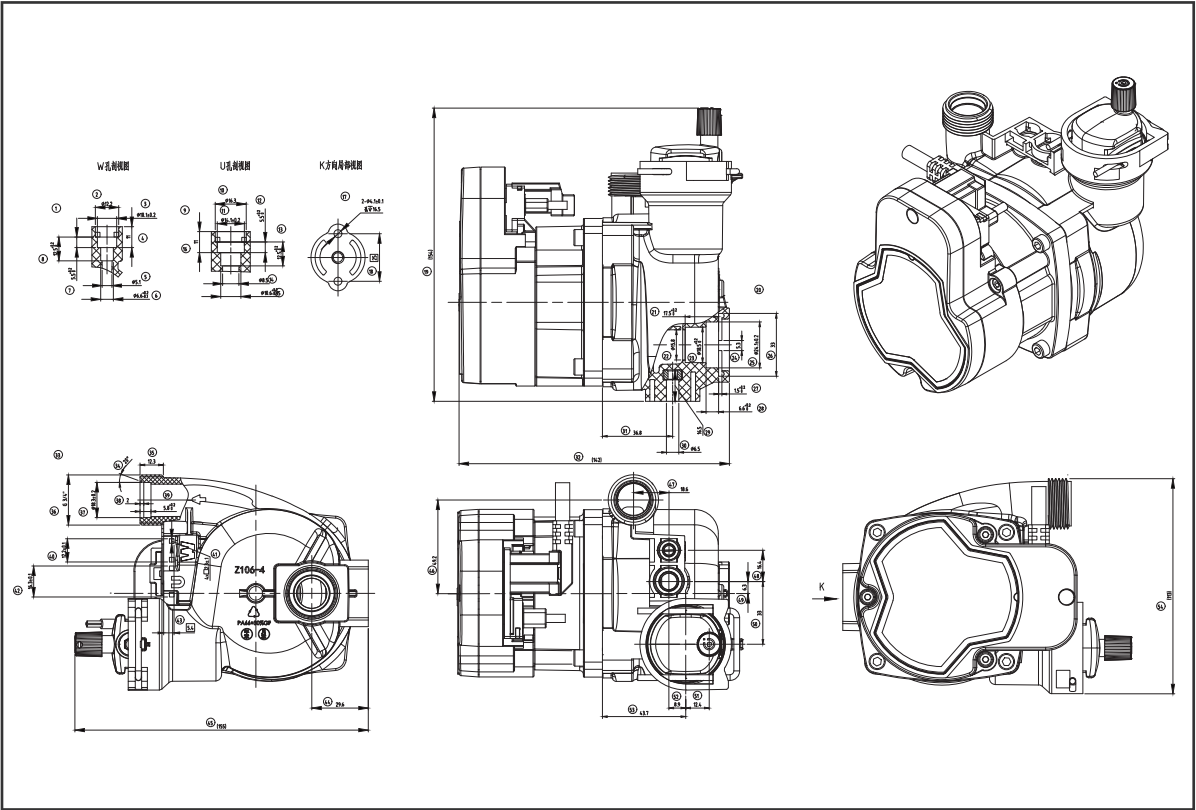


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	效率 Efficiency(%)	备注 Remark
1	GPA15-9 III U Z027	230/50	2	5	33	33	所有值为最大值 All values are maximun
			2.2	6	40	33	
			2.4	7	52	33	
			2.5	7.5	60	33	
			2.8	9	90	33	

MODEL

产品型号

GPA15-9 III U Z106

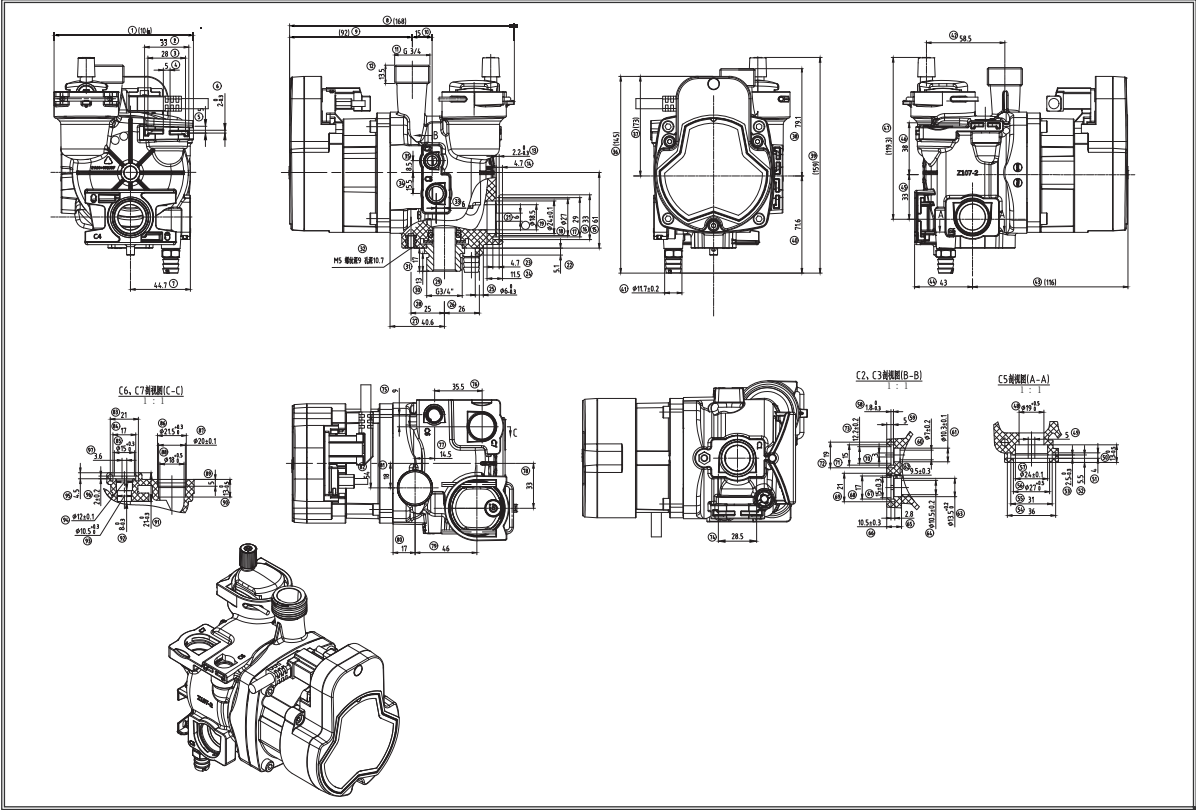


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	效率 Efficiency(%)	备注 Remark
2	GPA15-9 III U Z106	230/50	2	5	33	33	所有值为最大值 All values are maximun
			2.2	6	40	33	
			2.4	7	52	33	
			2.5	7.5	60	33	
			2.8	9	90	33	

MODEL

产品型号

GPA15-9 III U Z107

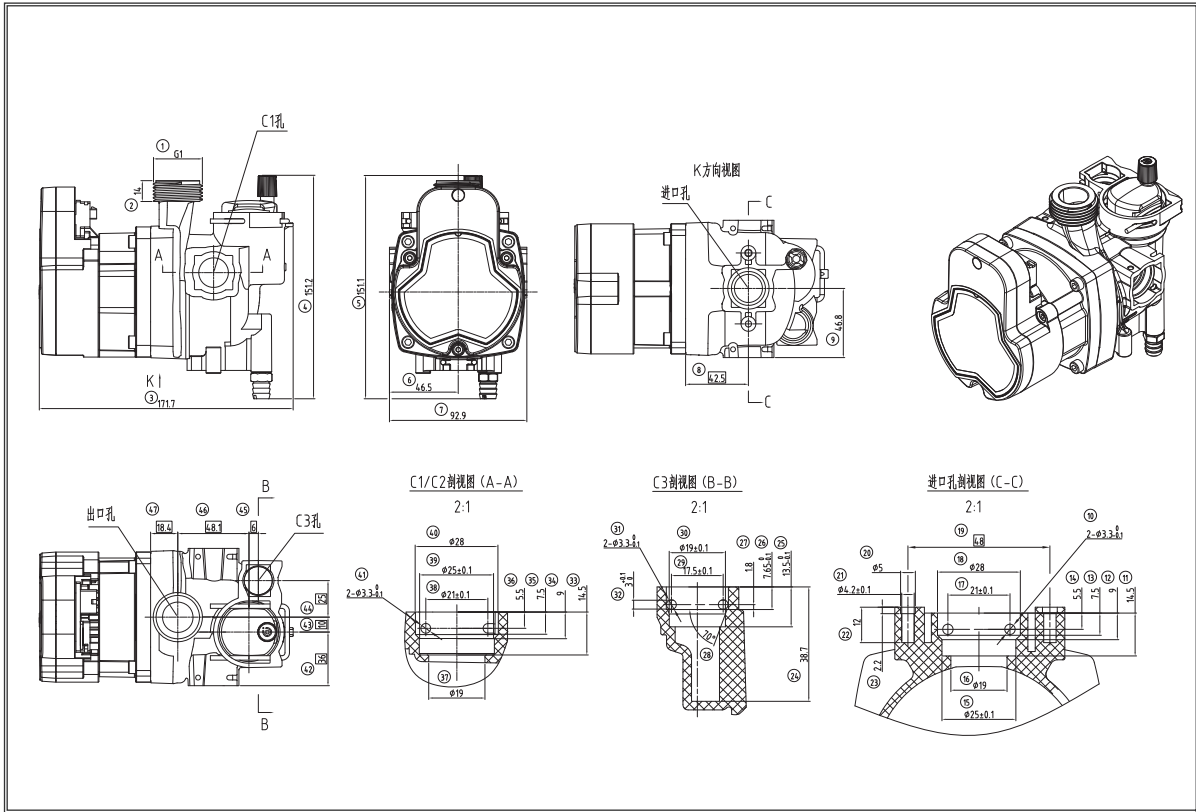


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	效率 Efficiency(%)	备注 Remark
3	GPA15-9 III U Z107	230/50	2	5	33	33	所有值为最大值 All values are maximun
			2.2	6	40	33	
			2.4	7	52	33	
			2.5	7.5	60	33	
			2.8	9	90	33	

MODEL

产品型号

GPA15-9 III U Z108

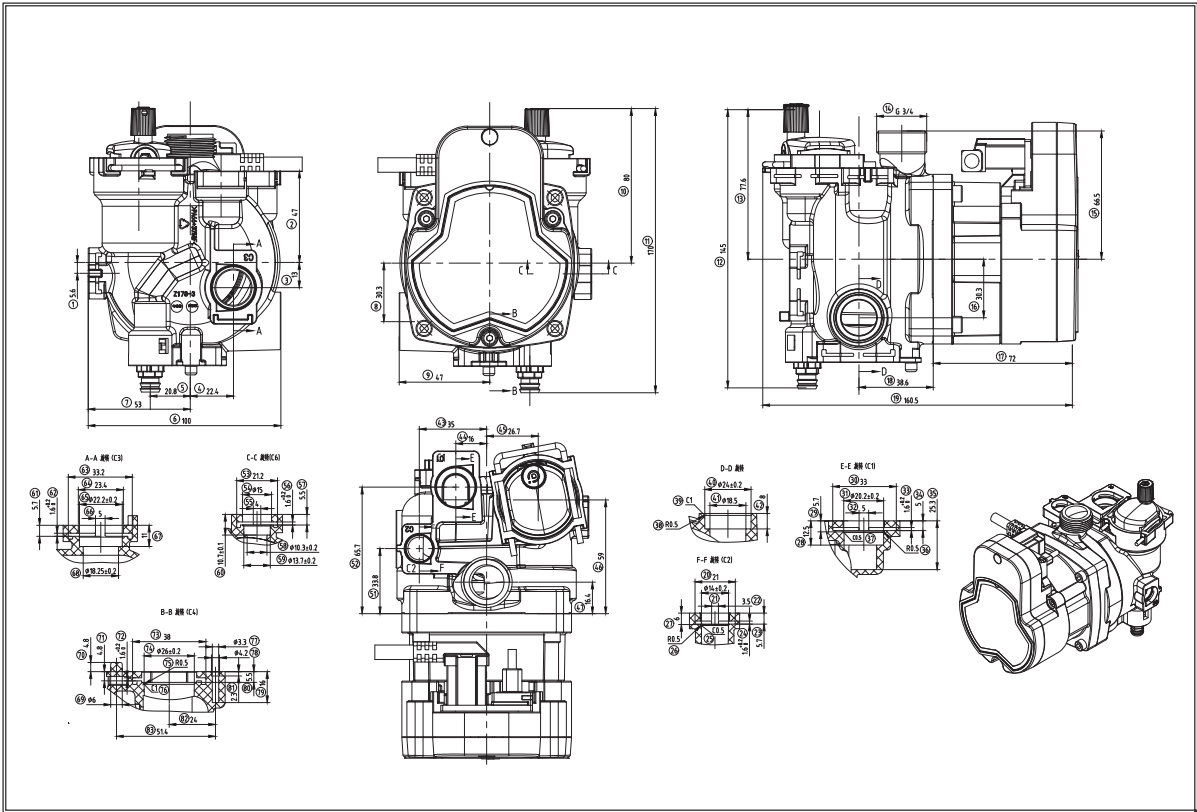


序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	效率 Efficiency(%)	备注 Remark
4	GPA15-9 III U Z108	230/50	2	5	33	33	所有值为最大值 All values are maximum
			2.2	6	40	33	
			2.4	7	52	33	
			2.5	7.5	60	33	
			2.8	9	90	33	

MODEL

产品型号

GPA15-9 III U Z178



序号 S/N	规格型号 Model	电压 / 频率 U(V)/f(Hz)	流量 Q(m³/h)	扬程 H(m)	功率 P(W)	效率 Efficiency(%)	备注 Remark
5	GPA15-9 III U Z178	230/50	2	5	33	33	所有值为最大值 All values are maximum
			2.2	6	40	33	
			2.4	7	52	33	
			2.5	7.5	60	33	
			2.8	9	90	33	