

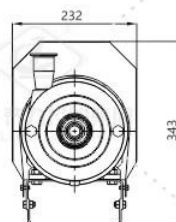
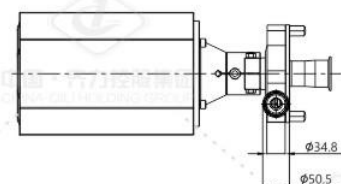
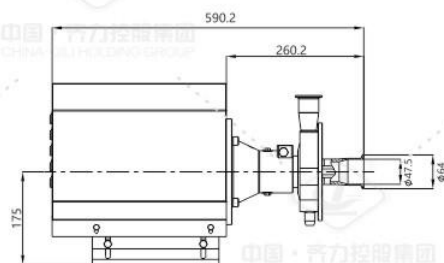


牛奶泵 Milk pump

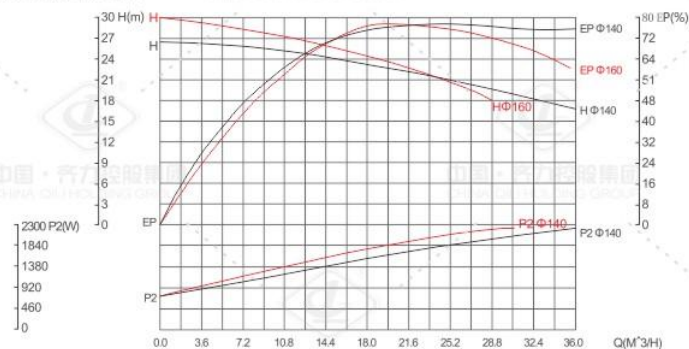


高洁净流体设备阀门及管道连接部件
解决方案专业制造商
PROFESSIONAL MANUFACTURER OF
SANITARY FLUID VALVE & PIPE FITTING SOLUTIONS

GKH系列卫生离心泵 GKH series sanitary centrifugal pump



性能曲线 Performance curve



应用

GKH系列卫生型离心泵是一种高效能而又具有经济性的离心泵，它既可以满足卫生及对产品进行柔和处理的要求，又具有化学稳定性。GKH系列卫生离心泵可广泛适用于各类液体物料的输送，如乳品、啤酒、饮料、医药、生物工程、精细化工等领域。它不但可以输送普通的低、中粘度溶液，也可以输送含悬浮物或有腐蚀性的溶液。

GOBOR卫生型离心泵的形式为单级、单吸、开式叶轮，泵壳、叶轮经精心设计，减小了阻力、彻底消灭了卫生死角，由于其特殊的结构，所以提高了泵内液体的流速，从而提高了泵的整体性能，且易清洗，具有卓越的卫生性能。它可以满足产品对卫生柔性处理的要求，并具有耐化学腐蚀性。

应用

GKH series sanitary centrifugal pump is a high-efficiency and economical centrifugal pump. Not only it meet the requirements of hygiene and soft processing of products, but also it has chemical stability. The pump can be widely used in transporting various liquid materials, such as dairy products, beer, beverages, medicine, bioengineering, the chemicals and other fields. It can transport low & medium viscosity solutions, as well as suspended solids or corrosive solutions.

The form of GOBOR sanitary centrifugal pump is single stage, single suction, open impeller, pump casing, impeller which has careful design. The resistance is reduced, and the sanitary corner is also completely eliminated. Due to its special structure, the flow rate of the liquid inside pump is increased, thereby improving the overall performance of the pump. It is easy to clean and with excellent hygienic performance, it can meet the requirements of products for hygienic and flexible processing, and has chemical resistance.



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标准设计

GKH系列卫生离心泵由电动机、泵轴、机械压紧套、卫生机械密封、连接支架、后板盖、叶轮、泵壳组成。GKH系列卫生离心泵具有大的内圆倒角和可清洁式密封件，是专为CIP而设计的GKH系列卫生离心泵，具有用于保护电动机的不锈钢护罩，并且整个装置由四个可调整的支脚支撑。

技术参数

最大入口压力: 0.5 MPa
温度范围: -10°C+140°C (EPDM)
噪声水平 (1米处): 60-85 dB(A)

可冲洗密封

水压: 最高0.1 MPa
水量: 0.25-0.5 L/min

双端面密封

水压: 最高0.1 MPa
水量: 0.25-0.5 L/min

轴封

GKH系列卫生离心泵配备有: 套外置式单端面机械密封或注水机械密封。机械密封的静环由不锈钢和碳化硅或钨合金材料制成，动环由不锈钢或石墨或钨合金制成。采用注水式密封的密封圈是经久耐用的唇封。该系列泵产品还可以配备双端面机械密封。

材料

过液体部件材质: AISI 316L或者AISI 304不锈钢
其它部件材质: AISI 304不锈钢
外表面: 钛色
内表面: 镜而抛光24或钛色
过液体橡胶密封材料: EPDM 三乙丙胶
Q 硅胶
FRM 氟胶
NBR 丁腈胶

Standard design

GKH series sanitary centrifugal pump consists of motor, pump shaft, mechanical compression jacket, sanitary mechanical seal, connecting bracket, rear plate cover, impeller and pump casing. GKH series hygienic centrifugal pumps have large internal chamfers and cleanable seals, and are specially designed for CIP. The GKH series hygienic centrifugal pumps have stainless steel guards to protect the motor, and the whole device consists of four adjustable foot support.

Technical parameters

Maximum inlet pressure: 0.5 MPa
Temperature range: -10°C+140°C (EPDM)
Noise level (at 1m): 60-85 dB(A)

Washable seal

Hydraulic pressure: maximum 0.1 MPa
Water volume: 0.25-0.5 L/min

Double end seal

Hydraulic pressure: maximum 0.1 MPa
Water volume: 0.25-0.5 L/min

Shaft seal

GKH sanitary centrifugal pump is provided with a set of externally mounted single end mechanical seal or water injection mechanical seal. The static ring of the mechanical seal is made of stainless steel, silicon carbide or tungsten alloy. The dynamic ring is made of stainless steel, carbon, graphite or tungsten alloy. The sealing of the water in injection type seal is a durable lip seal. The series of pump products can also be equipped with the double end mechanical seal.

Materials

Materials of liquid passing parts: AISI316L or AISI304 stainless steel
Materials of other parts: AISI304 stainless steel
Oxternal surface: titanium
Inner surface: mirror polishing 4 or titanium
Liquid passing rubber seal material: EPDM
Q FRM
NBR

配用电机

1. 电机按照国际标准设计制造

国际电工委员会IEC34.IEC72
英国标准BS4999-5000
澳大利亚标准AS1359-2
德国标准DIN 42673
符合欧共体 "CE" 标记要求

2. 电机符合下列标准

GB 755-87
GB 10069-88
Q/JBQS 28-2000

3. 优越的电气性能

低噪音、低振动
高性能的防护等级
电机的标准设计防护等级为IP54、IP55。
可按用户要求，提供更高要求的防护等级。
适用双频率，宽电压使用。

电压及频率 Voltage and frequency

3~50Hz/220-240VΔ380-420VY≤4KW
3~60Hz/250-280VΔ440-480VY≤4.6KW
3~50Hz/380-420VΔ660-690VY≥5.5KW
3~60Hz/440-480VΔ
≥6.4KW

电机规格 Motor specification

50Hz: 0.37-0.55-0.75-1.1-1.5-2.2-3-4-5.5-7.5
11-15-18.5-22-30-37KW
60Hz: 0.43-0.63-0.9-1.3-1.75-2.5-3.5-4.6-6.4-8.8
12.5-17-21-25-35-43KW

Equipped motor

1. The motor is designed and manufactured in accordance with international standards

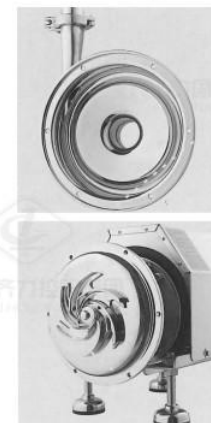
International Electrotechnical Commission IEC34.IEC72
British Standard BS4999-5000
Australian Standard AS1359-2
German standard DIN 42673
Meet the requirements of the European Community "CE" mark

2. The motor meets the following standards

GB 755-87
GB 10069-88
Q/JBQS 28-2000

3. Superior electrical performance

Low noise, low vibration
High-performance protection class
The standard design protection grade of the motor is IP54, IP55.
According to user requirements, provide a higher level of protection.
Suitable for dual frequency and wide voltage use.





GKH系列卫生离心泵

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特点

齐力泵的卓越源于许多因素。我们泵的高性能和节能性源于其内部的几何特性，确保优秀的流体特性和简单的CIP结合泵的坚固结构，保障了无故障运转和低保养要求。另一方面齐力泵的每个设计细节都避免缺点。从精确的平衡设计和推进器的安置到泵轴封的外部弹簧（不使用内部弹簧）。齐力大部分卫生离心泵使用相同的机械轴封，简了零部件的安装和库存。齐力泵的产品系列都拥有相同的模块化特性，简化了保养，改装和密封转换。

Features

The excellence of Qili pump stems from many factors. The high performance and energy saving of our pumps stem from its internal geometric characteristics, to ensure excellent fluid characteristics and simple CIP, combined with the solid structure of the pump, to ensure it has trouble-free operation and low maintenance requirements. On the other hand, every design detail of the Qili pump avoids shortcomings. From the precise balance design and the placement of the thruster to the external spring of the pump shaft seal (not use internal spring). Most of Qili's sanitary centrifugal pumps use the same mechanical shaft seal, which is simplified installation and inventory of spare parts. Qili pump product series all have the same modular characteristics, simplified maintenance, modification and seal conversion.

J 卫生级泵系列

流体知识

在卫生工艺系统中，泵在持续不断的运转，为液体提供流动的动力，这对泵的性能是具有挑战性的。为降低风险，应精心设计，以便应对复杂问题。这就是齐力公司倾尽全力使泵的性能和预期用途相匹配的原因。齐力公司是国内少数专业制造商之一，提供一系列离心泵，卫生泵，自吸泵、循环泵、乳品泵、食品泵、挤奶泵和板式换热器。但更重要的是，我们是泵行业专业制造商，拥有丰富的专业知识，包括泵的工程技术，泵的密封技术和泵的创新技术。我们的产品组合确保了最高的卫生标准、无故障运转和低保养要求。

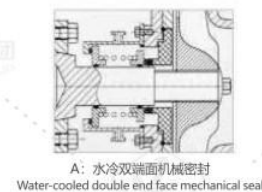
Fluid knowledge

In the sanitary process system, the pump is continuously running to provide the power for the liquid flowing. This is challenging for pump performance. To reduce the risk, it should be carefully designed for complex issues. This is what Qili is doing its best to match the performance of the pump with the intended use. Reasons for matching. Qili is one of the few professional manufacturers in China, providing a series of centrifugal pumps, sanitary pumps, self-priming pumps, circulating pumps, dairy pumps, food pumps, milking pumps and plate changers Heater. But more importantly, we are a professional manufacturer in the pump industry with a wealth of expertise knowledge, including pump engineering technology, pump sealing technology and pump innovation technology, our product ensures the highest hygiene standards, trouble free operation and low maintenance requirements.

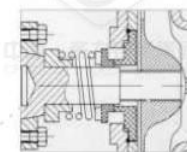


卫生离心泵型号说明 Sanitary centrifugal pump model description

示例: (Example)



A: 水冷双端面机械密封
Water-cooled double end face mechanical seal



单端面机械密封
Single mechanical seal



GKH系列卫生离心泵

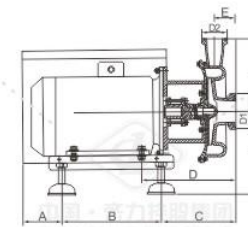
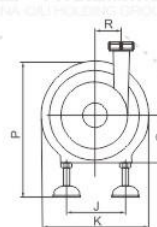
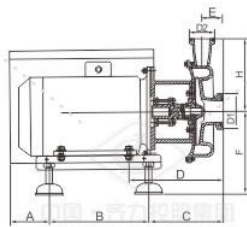
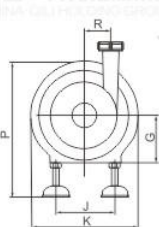
GKH series sanitary centrifugal pump



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GKH系列卫生离心泵

GKH series sanitary centrifugal pump



No.QL-001

GKH系列技术参数说明 GKH technical data

	A	B	C	D	E	F	G	H	K	J	R	P	KG
1.5KW	100	260	143	240	45	140/200	90	182	240/275	175	88	295/355	36

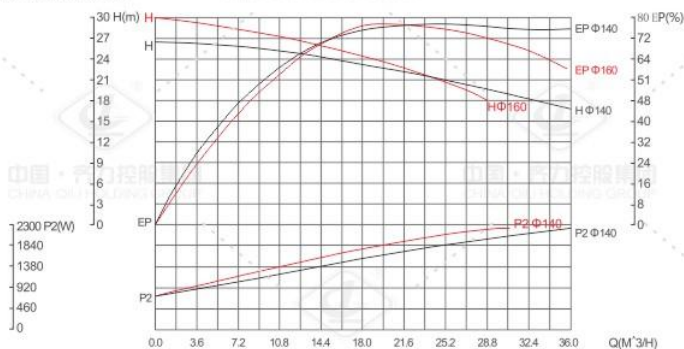
介质: 20°C清水
误差: ±5%
Medium: 20°C clean water
Tolerance: ±5%

转速: 2900RPM
频率: 50Hz
Speed: 2900RPM
Frequency: 50Hz

叶轮直径: 最大Φ160mm
最小Φ140mm
Impeller diameter:
maximum Φ160mm
Minimum Φ140mm

进口直径: D1Φ51/38mm
出口直径: D2Φ38/32mm
Inlet diameter: D1Φ51/38mm
Outlet diameter: D2Φ38/32mm

性能曲线 Performance curve



No.QL-002

GKH系列技术参数说明 GKH technical data

	A	B	C	D	E	F	G	H	K	J	R	P	KG
2.2KW	100	260	143	240	45	140/200	90	182	240/275	175	88	295/355	39

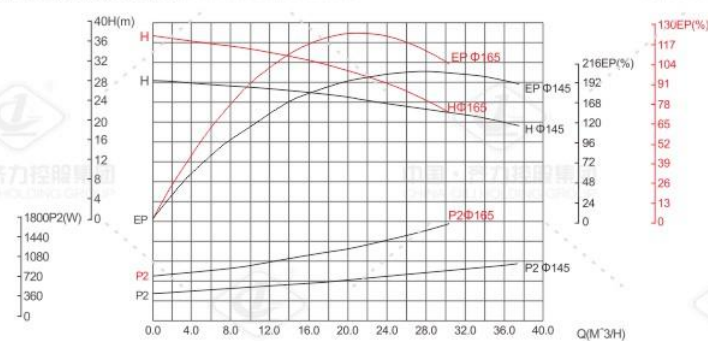
介质: 20°C清水
误差: ±5%
Medium: 20°C clean water
Tolerance: ±5%

转速: 2900RPM
频率: 50Hz
Speed: 2900RPM
Frequency: 50Hz

叶轮直径: 最大Φ165mm
最小Φ145mm
Impeller diameter:
maximum Φ165mm
Minimum Φ145mm

进口直径: D1Φ51/38mm
出口直径: D2Φ38/32mm
Inlet diameter: D1Φ51/38mm
Outlet diameter: D2Φ38/32mm

性能曲线 Performance curve





SLRP系列卫生自吸泵

SLRP series sanitary self-priming pump



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SLRP系列卫生自吸泵

SLRP series sanitary self-priming pump



技术参数

最大入口压力: 0.5MPa
温度范围: -10°C+100°C (EPDM)
噪音水平 (1米处): 85dB(A)

材料

过液体部件材质: AISI 316L 不锈钢
其它部件材质: AISI 304 不锈钢
外表面: 钛色
内表面: 镜面抛光 0.4 或钛色
过液体橡胶密封材料: EPDM 三乙丙胶
Q 硅胶
FRM 氟胶
NBR 丁腈胶

轴封

SLRP系列卫生泵配备有一套外置式单端面机械密封, 机械密封的静环由不锈钢和碳化硅或钨合金材料制成, 动环由不锈钢或石墨或钨合金制成。

电压及频率 Motor voltage and frequency

3~50Hz, 220-240V Δ 380-420VY ≤ 4KW
3~60Hz, 250-280V Δ 440-480VY ≤ 4.6KW
3~50Hz, 380-420V Δ 660-690VY ≥ 5.5KW
3~60Hz, 440-480V Δ ≥ 6.4KW

电机规格 Motor specification

50Hz: 1.5, 3, 4, 5, 7.5, 11KW
60Hz: 1.75, 3.5, 4.6, 6.4, 8.6, 12.5KW

Technical parameters

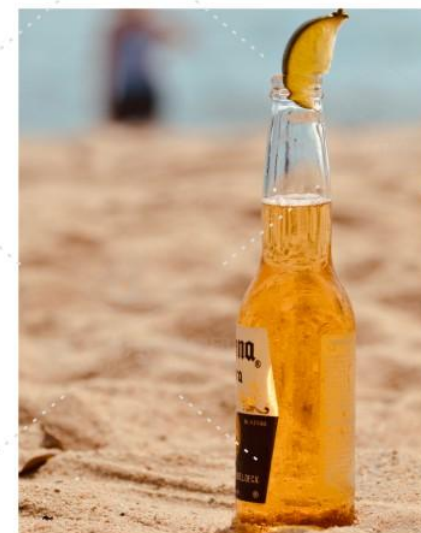
Maximum inlet pressure: 0.5MPa
Temperature range: -10°C+100°C (EPDM)
Noise level (at 1m): 85dB(A)

Materials

Materials of liquid passing parts: AISI 316L stainless steel
Materials of other parts: AISI 304 stainless steel
Outer surface: titanium
Inner surface: mirror polishing 0.4 or titanium
Liquid passing rubber seal material: EPDM
Q Silicon
FRM Fluorine
NBR NBR

Shaft seal

The SLRP sanitary pump is provided with a set of externally mounted single, end mechanical seal. The static ring of the mechanical seal is made of stainless steel, silicon carbide or tungsten alloy. The dynamic ring is made of stainless steel, carbon, graphite or tungsten alloy.



产品已QILI品牌或者OEM出口到世界各个国际及地区。

The products are exported to every corner in the world under the brand QILI or through the mode of OEM.

应用

SLRP系列泵是特别设计用来处理含有一部分气体的流体物料。该系列泵可以满足食品、化工、制药及类似要求的领域应用场合。特别是在 (CIP) 就地清洗系统中作为回流泵。

Application

The SLRP pump is specially designed to dispose fluid material that contain some gas. The pump is widely used in food, chemical industry, pharmacy and other similar applications. It can serve as a reflux pump in the CIP cleaning system.

标准设计

SLRP系列自吸泵由电动机、泵轴、机械压紧夹套、卫生机械密封、连接支座、后板、叶轮、泵壳组成。是专为CIP而设计的回流泵。具有用于保护电动机的不锈钢护罩。并且整个装置由四个可调整的支脚支持。

Standard design

The SLRP sanitary liquid-ring pump is composed of motor, pump shaft, mechanical clamping jacket, sanitary mechanical seal, connection support, rear plate impeller, pump shell, etc. It is a reflux pump specially designed for CIP. It has the stainless steel protection cover used for protecting the motor, and the equipment is supported by four adjustable feet.



SLRP系列卫生自吸泵

SLRP series sanitary self-priming pump



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GFP系列卫生离心泵

GFP series sanitary centrifugal pump



配用电机

1. 电机按照国际标准设计制造

国际电工委员会IEC34/IEC72

英国标准BS4999-5000

澳大利亚标准ASB59-2

德国标准DIN 42673

符合欧共体 "CE" 标记要求

2. 电机符合下列标准

GB 755-87

GB 10069-88

Q/JBQS 28-2000

3. 优越的电气性能

低噪音、低振动

高性能的防护等级

电机的标准设计防护等级为IP54, IP55.

可按用户要求, 提供更高要求的防护等级。

适用双频率, 宽电压使用。

Motor

1. Designed & manufactured according to international standards

International Electrotechnical Commission IEC34 IEC72

European Standard Standard BS4999-5000

Australian Standard ASB59-2

German Standard DIN 42673

Conforming to "CE" mark requirements

2. Conforms to the following standards

GB 755-87

GB 10069-88

Q/JBQS 28-2000

3. Excellent electric performance

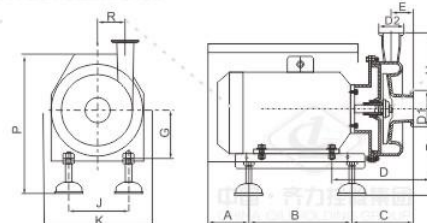
Low noise, low vibration

Protection grade of high performance

The standard protection grade of the motor is designed as IP54, IP55

According to user requirements, higher protection grade can be offered.

Suitable for use with double frequency and wide voltage.



No. QL-003

GFP系列技术参数说明 GFP technical data

	A	B	C	D	E	F	G	H	K	J	R	P	KG
0.75KW	77	190	115	142	44	171/201	80	131	193/240	150/190	53	308/338	21

介质: 20°C清水
误差: ±5%
Medium: 20°C clean water
Tolerance: ±5%

转速: 2900RPM
频率: 50Hz
Speed: 2900RPM
Frequency: 50Hz

叶轮直径:
最大Φ125mm
Impeller diameter:
maximum Φ125mm

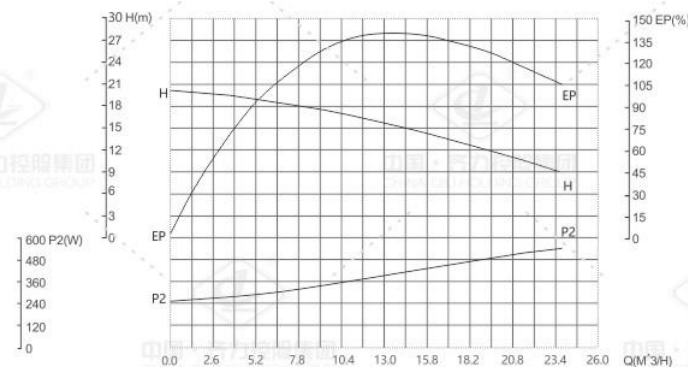
进口直径: D1Φ38mm
出口直径: D2Φ32mm
Inlet diameter: D1Φ38mm
Outlet diameter: D2Φ32mm

卫生型自吸泵型号说明 Sanitary self-priming pump model description

示例: (Example)

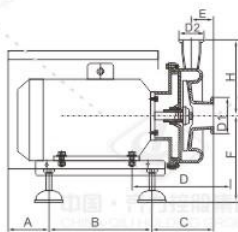
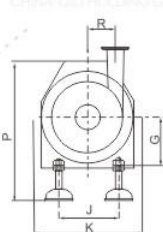


性能曲线 Performance curve



J

J

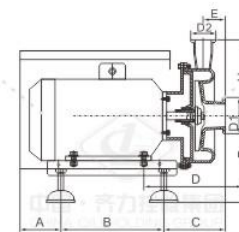
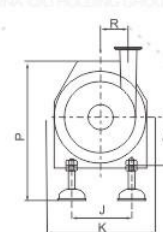


	A	B	C	D	E	F	G	H	K	J	R	P	KG
1.5KW	95	220	123	165	49	185/215	90	165	240	175	72	330/360	28

进口直径: D1Φ51mm
出口直径: D2Φ38mm
Inlet diameter: D1Φ51mm
Outlet diameter: D2Φ38mm

Figure 10 is a line graph showing the relationship between distance (x-axis) and three variables: H (m), EP, and P2. The x-axis ranges from 0.0 to 27.0. The left y-axis represents H (m) from 0 to 30. The right y-axis represents P2 (W) from 0 to 1300. The H curve starts at approximately 24.5 m at x=0 and decreases to approximately 13.5 m at x=27. The EP curve starts at 0 at x=0, increases to a peak of approximately 28.5 at x=21.6, and then decreases to approximately 24.5 at x=27. The P2 curve starts at approximately 780 W at x=0 and increases to approximately 1040 W at x=27.

Distance (x)	H (m)	EP	P2 (W)
0.0	24.5	0	780
2.7	23.5	10	790
5.4	22.5	20	800
8.1	21.5	30	810
10.8	20.5	40	820
13.5	19.5	50	830
16.2	18.5	60	840
18.9	17.5	70	850
21.6	16.5	28.5	860
24.3	15.5	26.5	870
27.0	13.5	24.5	1040



J Sanitary pumps series
卫生级泵系列

	A	B	C	D	E	F	G	H	K	J	R	P	KG
2. 2KW	95	220	123	165	49	185/215	90	165	240	175	72	330/360	31

进口直径: D1Φ51mm
出口直径: D2Φ38mm
Inlet diameter: D1Φ51mm
Outlet diameter: D2Φ38mm

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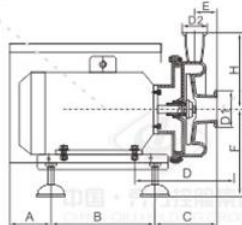
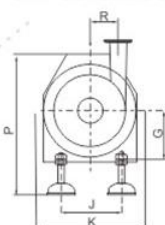
GFP系列卫生离心泵

GFP series sanitary centrifugal pump



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J 卫生级泵系列

GFP系列技术参数说明 GFP technical data

No. QL-006

	A	B	C	D	E	F	G	H	K	J	R	P	KG
3KW	100	255	137	175	47	200/230	100	185	290	235	82	400/430	40

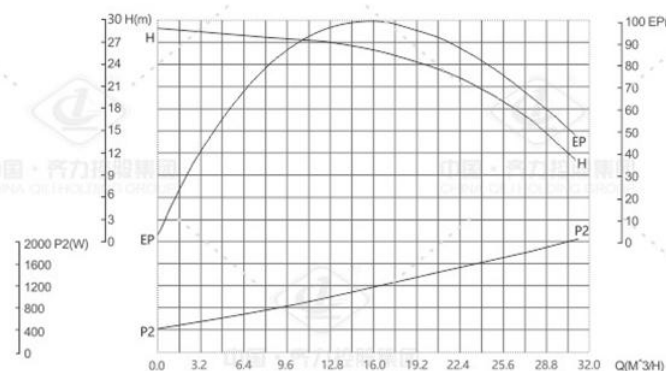
介质: 20°C清水
误差: ±5%
Medium: 20°C clean water
Tolerance: ±5%

转速: 2900RPM
频率: 50Hz
Speed: 2900RPM
Frequency: 50Hz

叶轮直径:
最大Φ143mm
Impeller diameter:
maximum Φ143mm

进口直径: D1Φ51mm
出口直径: D2Φ51mm
Inlet diameter: D1Φ51mm
Outlet diameter: D2Φ51mm

性能曲线 Performance curve



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ANHUI QILI METAL PRODUCTS CO., LTD.

中国 CHINA

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