

SLRP series

Sanitary self-priming pump
卫生型自吸泵



SLRP系列卫生型自吸泵 SLRP series sanitary self-priming pump

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

产品以GOBOR品牌或者OEM出口到世界各国及地区



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)就地清洗系统中用作回流泵。

Application

The **SLRP** series pump is specially designed to dispose fluid materials 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撑。

Standard design

The **SLRP** series sanitary self-priming 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.

技术参数

最大入口压力: 0.5MPa
温度范围: $-10^{\circ}\text{C}+100^{\circ}\text{C}$ (EPDM)
噪音水平(1米处): 85dB(A)

Technical parameters

Maximum inlet pressure: 0.5MPa
Temperature range: $-10^{\circ}\text{C}+100^{\circ}\text{C}$ (EPDM)
Noise level (at 1m): 85dB(A)

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，动环由不锈钢碳石墨或钨合金制成。

Shaft seal

The **SLRP** series 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.

材料

过液体部件材质: AISI 316L 或者 AISI 316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

Materials

Materials of liquid passing parts: AISI 316L or AISI 316 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
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ASB59-2
德国标准DIN42673
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. The motor is designed and manufactured according to international standards
International Electrotechnical Commission IEC34, IEC72
British Standard BS4999-5000
Australian Standard ASB59-2
German Standard DIN 42673
Conforming to “CE” mark requirements
2. The motor conforms to the following standards
GB 755-87
GB 10069-88
Q/JBQS 28-2000
3. Excellent electric performances
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

电压及频率 Voltage and frequency

3~50Hz、220-240V Δ 380-420VY $\leq$ 4KW
3~60Hz、250-280V Δ 440-480VY $\leq$ 4.6KW
3~50Hz、380-420V Δ 660-690VY $\geq$ 5.5KW
3~60Hz、440-480V Δ $\geq$ 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

卫生型自吸泵型号说明

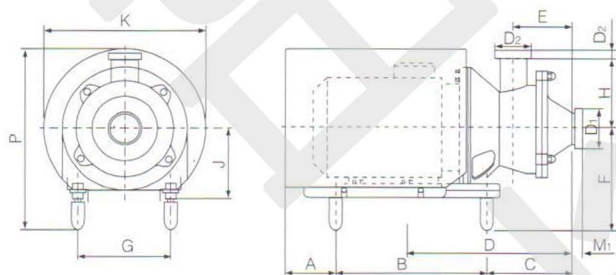
示例：(Example)
SLRP EX 20 4 A B



Model explanation of sanitary self-priming pump



SLRP系列卫生型自吸泵 SLRP series sanitary self-priming pump



性能曲线 Performance Curve

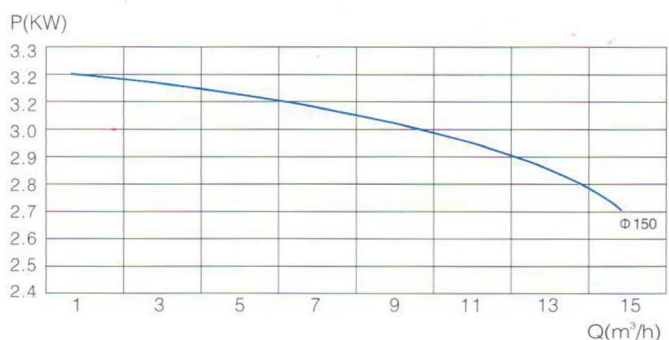
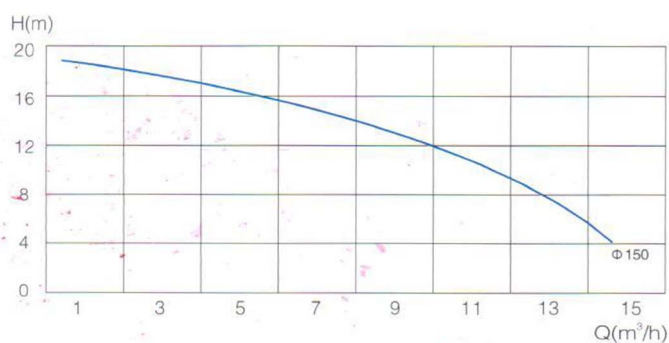
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误差: $\pm 5\%$
Medium: 20℃ clean water
Error: $\pm 5\%$

转速: 1450RPM
频率: 50Hz
Rotating Speed: 1450RPM
Frequency: 50Hz

吸程: 8m
Suction lift: 8m

进口直径: $\Phi 51\text{mm}$
出口直径: $\Phi 51\text{mm}$
Inlet Diameter: $\Phi 51\text{mm}$
Outlet Diameter: $\Phi 51\text{mm}$

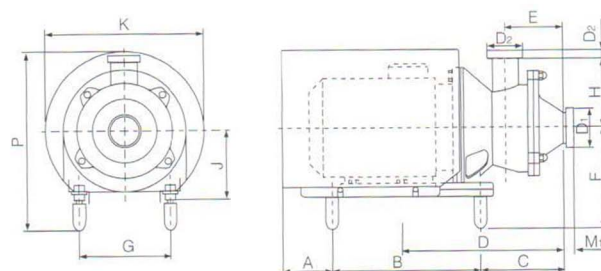
SLRP-10 技术参数说明 Explanation of technical parameters



Size	Techtop 电机		
	1.5KW		
A	95		
B	240		
C	172		
D	241		
E	95		
F max	208		
F min	178		
G	160		
H	143		
J	108		
K	275		
P max	341		
P min	371		
重量(kg) max	29		
重量(kg) min	38		

Size	ISO卡箍	ISO活接头	DIN活接头	SMS活接头
M1	21.5	21.5	24	20
M2	21.5	21.5	23	20
D1	50.8	50.8	DN50	50.8
D2	38.1	38.1	DN50	38.1

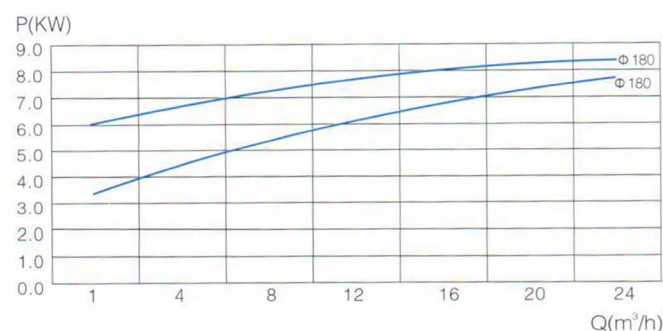
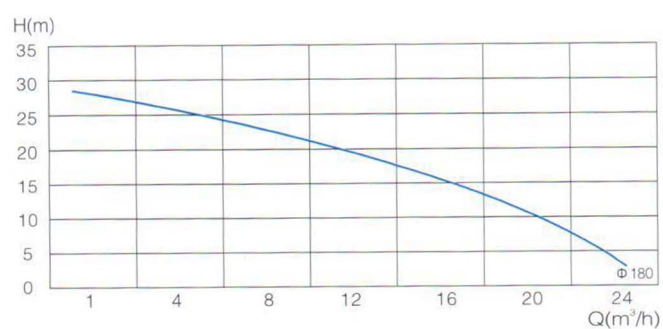
SLRP系列卫生型自吸泵 SLRP series sanitary self-priming pump



性能曲线 Performance Curve

介质: 20°C清水 误差: $\pm 5\%$ Medium: 20°C clean water Error: $\pm 5\%$	转速: 1450RPM 频率: 50Hz Rotating Speed: 1450RPM Frequency: 50Hz	吸程: 8m Suction lift: 8m	进口直径: $\Phi 63.5\text{mm}$ 出口直径: $\Phi 50.8\text{mm}$ Inlet Diameter: $\Phi 63.5\text{mm}$ Outlet Diameter: $\Phi 50.8\text{mm}$
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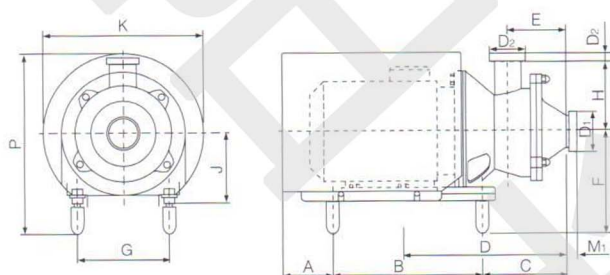
SLRP-20 技术参数说明 Explanation of technical parameters



Size	Techtop 电机	
	3KW	4KW
A	110	110
B	280	280
C	204	204
D	282	287
E	110	110
F max	223	235
F min	193	205
G	205	205
H	169	169
J	120	132
K	345	345
P max	440	440
P min	410	410
重量(kg) max	60	61
重量(kg) min	46	51

Size	ISO卡箍	ISO活接头	DIN活接头	SMS活接头
M1	21.5	21.5	26	24
M2	21.5	21.5	24	20
D1	63.5	63.5	DN65	63.5
D2	50.8	50.8	DN50	50.8

SLRP系列卫生型自吸泵 SLRP series sanitary self-priming pump



性能曲线 Performance Curve

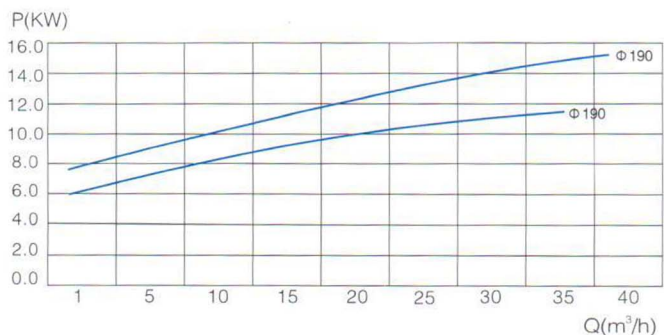
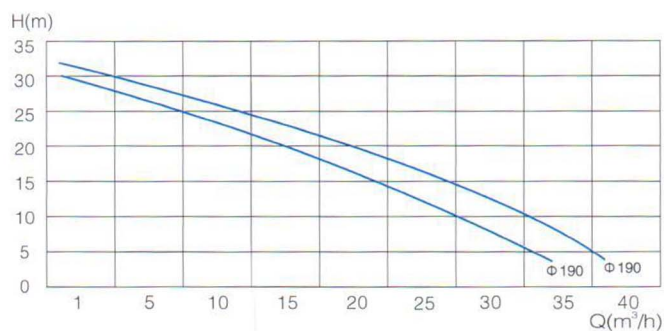
介质: 20℃清水
误差: $\pm 5\%$
Medium: 20℃ clean water
Error: $\pm 5\%$

转速: 1450RPM
频率: 50Hz
Rotating Speed: 1450RPM
Frequency: 50Hz

吸程: 8m
Suction lift: 8m

进口直径: $\Phi 76.2\text{mm}$
出口直径: $\Phi 63.5\text{mm}$
Inlet Diameter: $\Phi 76.2\text{mm}$
Outlet Diameter: $\Phi 63.5\text{mm}$

SLRP-30 技术参数说明 Explanation of technical parameters



Size	Techtop 电机	
	5.5KW	7.5KW
A	110	110
B	280	280
C	204	204
D	282	287
E	110	110
F max	223	235
F min	193	205
G	205	205
H	169	169
J	120	132
K	345	345
P max	440	465
P min	410	435
重量(kg) max	91	101
重量(kg) min	69	77

Size	ISO卡箍	ISO活接头	DIN活接头	SMS活接头
M1	21.5	21.5	26	
M2	21.5	21.5	24	
D1	76.2	76.2	DN80	
D2	63.5	63.5	DN65	