

ZXBL 卫生级自吸泵

ZXBL Sanitary Self-Priming Pump

应用

ZXBL 系列泵是特别设计用来处理含有一部分气体的流体物料。此类泵可广泛应用于食品，化工、制药及类似要求的应用场合。特别是在（CIP）就地清洗系统中作回流泵。

材质

所有过液部件、泵壳、泵盖和叶轮均由 AISI316L 不锈钢制造。电机护罩由 AISI304 不锈钢制造，密封圈材 EPDM 乙丙橡胶制造。

过液部分材质：AISI316L 不锈钢或 AISI304

其他部分材质：AISI304 不锈钢

外表面磨光：喷砂亚光

内表面：抛光

过液密封材料：EPDM 乙丙橡胶、硅橡胶

标准设计

卫生机械密封机械密封的静环由 AISI316L 钢内嵌碳化硅构成，动环则由石墨制成。ZXBL 泵有一个不锈钢的外罩保护马达，还有四个可调节的不锈钢支脚。

技术参数

最大入口压力：0.5Mpa

温度范围：-10°C 到 +140°C (EPDM)

噪声水平（1米处）：60 ~ 80db (A)

电压和频率：3 ~ 50Hz, 220~240V/

380 ~ 420V/660 ~ 690V, Δ/Y

电机型号：50Hz:4,5,5,7,5kw

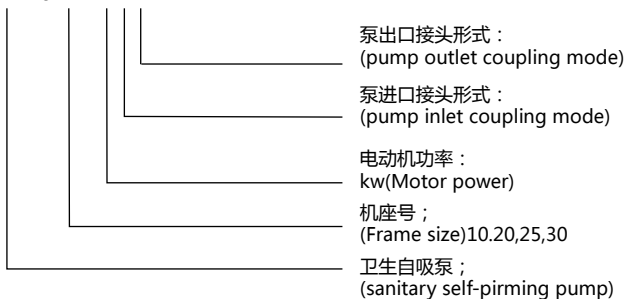
Aseptic Type Self-Priming Pump

Size Explanation

自吸泵型号说明

示例：(Example)

ZXBL-20T-4AB



Application

The ZXBL pump is a liquid-ring pump which is specially designed for pumping liquids containing air or gas. The pump is used in food, chemical, pharmaceutical and similar industries. The pump can be used for CIP-return.

Materials

All product wetted parts, pump casing cover and impeller are made of acid-resistant steel AISI316L, Motor shroud, is made of stainless steel AISI304. Seals are made of EPDM rubber.

product wetted parts: stainless steel AISI304 or AISI 316L

Parts: Stainless steel AISI304

Outside surface: semi bright

Inside Surface: Bright

Product wetted seals: EPDM rubber

Standard Design

Sanitary mechanical shaft seal

Mechanical single seal with stationary seal ring of acid-resistant steel AISI 316L with sealing surface in carbon and rotating seal rings of silicon carbide. The pump has a stainless steel shroud for protection of the motor, and the complete unit is supported on four adjustable stainless steel legs.

Technical Data

Max. Inlet pressure: 0.5Mpa

Temperature range: -10°C to +140°C EPDM

Noise level (at 1m): 60~80dB(A)

Voltage and frequency: 3~50Hz, 220~240V

380~420/660~690V, Δ/Y

Motor sizes: 50Hz: 4, 5, 5, 7, 5kw

A : ISO 卡箍接头
(ISO Clamp)

B : ISO 螺纹活接头
(ISO Male)

C : DIN 螺纹活接头
(DIN Male)

D : SMS 螺纹活接头
(SMS Male)

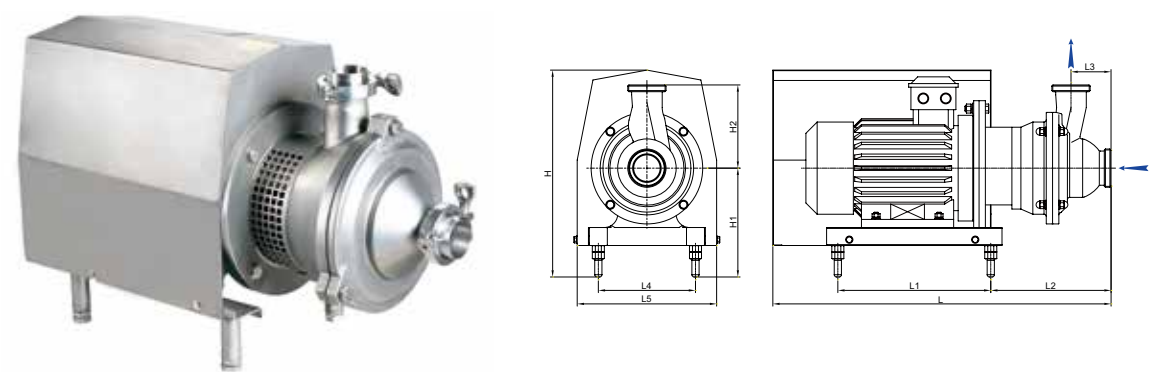
E : BS 螺纹活接头
(BS Male)

F : 法兰连接
(Flange coupling)

性能曲线
Performance Curve

介质：20℃清水 误差：±5% Medium :20℃ clean water Error:±5%	转速：1450 RPM 频率：50Hz Rotating Speed :1450 RPM Frequency: 50Hz	进口通经：Φ 51~Φ 63.5 出口通经：Φ 51 InletDiameter:Φ 51~Φ 63.5 OutletDiameter: Φ 51	吸程：8M Suction Lift:8M
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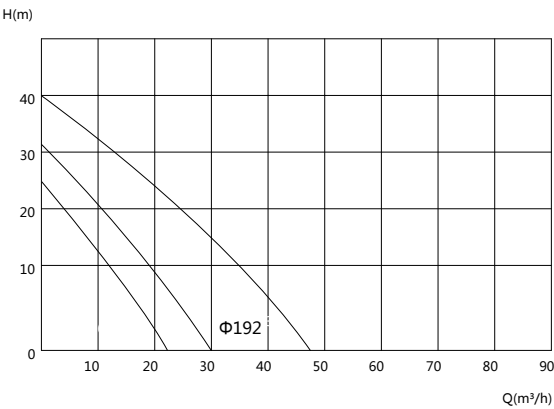
选择电动机功率时需留有安全裕量：Safety tolerance should be reserved when selecting moter power



ZXB-20 技术参数说明 (Technical Data)

尺寸 Size	电机功率 Motor Power		
	4Kw	5.5Kw	7.5Kw
A	210	245	245
B	280	320	320
C	225	245	245
E	120	120	120
F	90	100	100
H min	200	220	220
H max	240	260	260
K	210	220	220
T	160	135	135
W	262	312	312
Z	120	140	140
重量 (kg) Weight	76	96	108

尺寸 Size	ISO 卡箍 Clamp	ISO 活接头 Male	DIN 活接头 Male	SMS 活接头 Male	Bs 活接头 Male	DIN 法兰 Flange
D1	51	51	51	76.1	63.5	DN80
U1	21.5	21.5	21.5	24	21.5	24
D2	51	51	51	51	51	51
U2	21.5	21.5	21.5	24	21.5	24



ZXB-SY CIP 自吸回程泵

ZXB-SY CIP Self-Priming Return Pump



ZXB-SY CIP 自吸回程泵

ZXB-SY 自吸泵是消化吸收了国外同类产品的优点，测绘并改进后设计的，结构紧凑合理，制造精密。自吸泵部分材料均为耐酸不锈钢制成（国际标准 AISI 316），耐酸碱腐蚀特性，尤为显著，符合食品卫生要求。

ZXB-SY 自吸泵特性在于能输送混有空气或泡沫的液体，甚至能在只有空气的泵腔内照样自行输送。

该泵是通过对空气的压缩，使泵腔内最高能产生 0.6 的负压，在流体行业被广泛用于液体的自吸输送泵。特别是用在 CIP 清洗系统，将罐内和 CIP 返回管路里的液体自吸输送，使管道保持无积水。

ZXB-SY self-priming pump is designed based on the advantages of the similar products abroad, improved structure, Compact design and perfect workmanship. Wetted part materials of CIP self-priming pump are acid-resisting stainless steel (ISO AISI 316) with high performance in acid-alkali corrosion resisting and satisfy food hygienic requirements.

ZXB-SY self-priming pump can suck air or foam liquid, and even in air condition the CIP pump can transport the liquid fluently.

The working principle of this CIP pump is to compact the air to achieve 0.6 suction in the pump body. Thus this pump is widely used to transport the liquid from low to high place. Especially applying in the CIP system to transport the liquid in the tank and CIP pipeline to keep no water left in the pipeline.

技术参数

型号 Model	流量 Flow	扬程 Lift	功率 Power	进口/出口 Inlet/Outlet	转速 r/min
ZXB-SY	3 10T~	16M	1.5KW	φ 51	1420
ZXB-SY	15 20T~	24M	4KW	φ 51	1420