

Application

SFB Sanitary Centrifugal Pump is applied widely in conveying all kinds of liquid materials in the dairy, beer, beverage, pharmaceutical and chemical industries, etc.



Property and advantage

SFB series Sanitary Centrifugal Pump has types of single level, single suction, open-styled impeller. With its elaborate design in shell, impeller and the seat for impeller, resistance is reduced, health dead space is eliminated, and the flow speed of liquids in the pumps is increased, thus improving the whole performance of the pump. The open design for impeller guarantees the best CIP, outstanding sanitary features. In the course of processing products, they can satisfy sanitary request, have advantages of stability, chemical resisting property, high efficiency, and easy maintenance. The pump is supported on four adjustable steel legs and its exit can turn to any angle, thus increasing greatly the installation and usage range.

Shaft Seal

The shaft seal of SFB Sanitary Centrifugal Pump adopts mechanical seal, with good sealing performance, high self lubricating ability, wear resisting, high temperature, corrosion resisting, non-leak and easy installation. The SFB pump is equipped with either an external single or flushed mechanical shaft seal. All mechanical sealing spare parts are easily exchanged, rapidly maintained, and economical, making the maximum pump lifespan.

Materials

Product wetted steel parts: Stainless steel 316L or 304

Other steel parts: Stainless steel 304

Auxiliary sealed material: NBR, EPDM, VMQ, FKM, PTFE

Machinery sealed material: graphite silicon semi carbide

Surface treatment

Product wetted part: bright 0.8μm, other part: sandblasting or semi bright

Technical parameters

Max.inlet pressure:0.5Mpa

Temperature range:-10°C+140°C(EPDM)

Flushed machinery seal:

Water pressure:max 0.1 MPa

Water consumption:0.25~0.5L/min

Motor

1. These motors are mainly made from ABB brand Standard with threephase AC machine according to settings. They are built to comply with current International Standards: 3International Electrotechnica, Commission IEC 60034 and IEC60072, EU directives to fulfill European "CE" mark requirement.

2. Anti-explosion motor may be chosen to satisfy requirements.

3. Superior electric performance, low noise, low quake, All motors are protected to IP55 as a minimum, Insulation level for the motors is F level.

4. working voltage

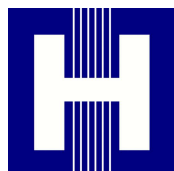
≤ 3Kw, 220~240V/380~420V, Δ/Y

> 3Kw, 380~420V/660~690V, Δ/Y

5. Frequency: 50Hz/60Hz

6. Working manner: Continuous (SI)

7. Speed of rotation The speed of rotation for standard pump is 2900rpm



Handing ApSTM

Nordkranvej 5-9, Vassingerød

DK - 3540 Lynge

Tel.: +45 48160166

www.handing.dk

LYSF
SFB5-AA

Dette dokument er vejledende.

Der tages forbehold for fejl.

This document is only guiding.

We make reservation for possible errors.

Copyright © By Handing ApS. All Rights Reserved.

Alle mål i mm.

All measures in mm.

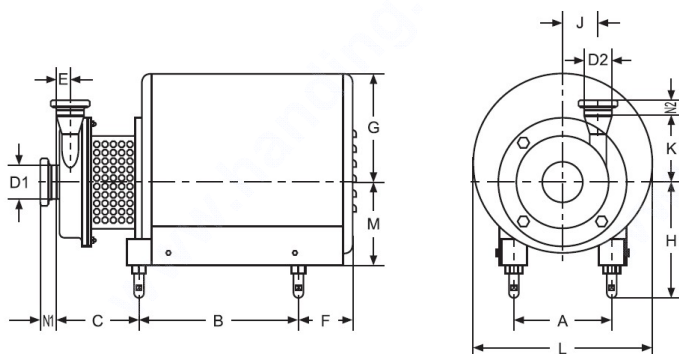
Lager nr.

/LH

PC9241

LYSF[®]

Sanitary Centrifugal Pump



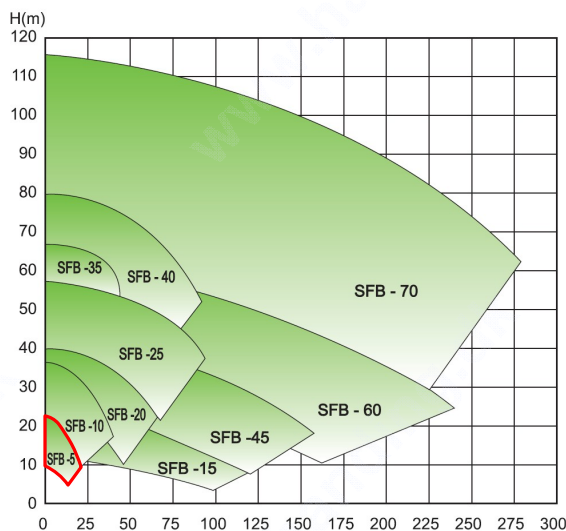
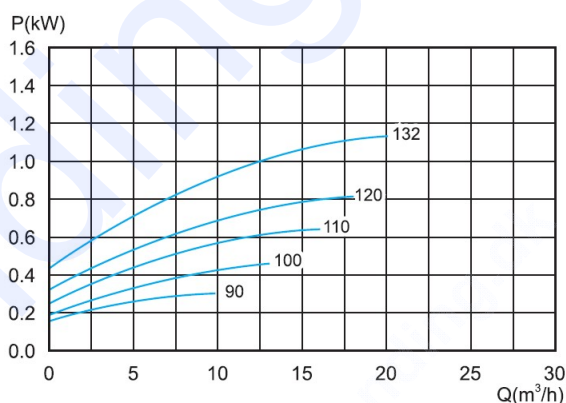
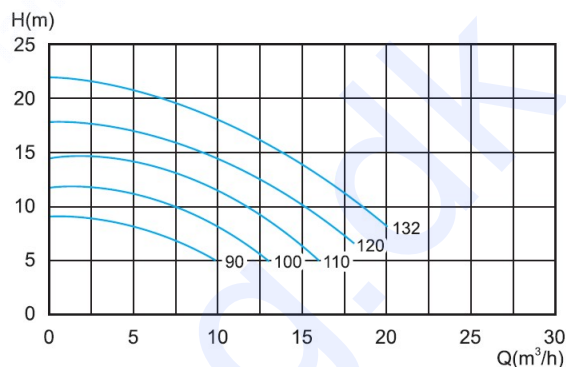
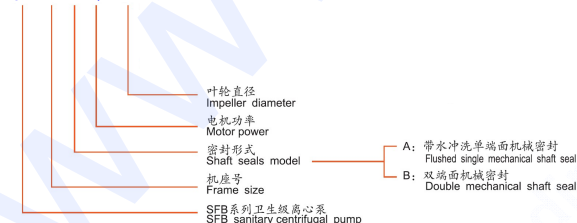
SFB-5外形安装尺寸 Dimensions

Size	电机功率(Motor Power)				
	0.55KW	0.75KW	1.1KW	1.5KW	2.2KW
A	112	125	125	145	145
B	215	224	224	224	224
C	103	125	125	155	155
E	22	22	22	22	22
F	46	100	100	116	116
G	110	200	200	165	165
H max	170	190	190	190	190
H min	140	160	160	160	160
J	49	88	88	88	88
K	90	145	145	145	145
L	240	278	278	278	278
M	80	120	120	120	120

Size	ISO 卡箍	DIN 卡箍	SMS 活接	DIN 活接	ISO 法兰	DIN 法兰
D1	50.8	52	50.8	52	50.8	52
D2	38.1	40	38.1	40	38.1	40
N1	21.5	21.5	20	23	25	24
N2	21.5	21.5	20	22	25	24

SFB卫生型离心泵型号说明
Instruction for SFB Sanitary Centrifugal Pump Style
示例·(Example)

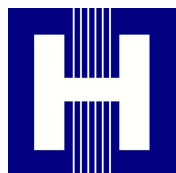
SFB 5 AA 1.5 135



性能曲线 Performance Curve

介质: 20℃清水 误差: ±5% Medium: 20℃ clean water Error: ±5%	转速: 2900r/min 频率: 50Hz Rotating Speed: 2900r/min Frequency: 50Hz	叶轮: 最大直径: 132mm 最小直径: 90mm Impeller: Max.Dia.: 132mm Min.Dia.: 90mm	进口通径: Φ50.8 DN50 出口通径: Φ38.1 DN40 Inlet Diameter: Φ50.8 DN50 Outlet Diameter: Φ38.1 DN40
---	---	--	---

选择时需考虑留有安全余量 Safety tolerance should be reserved when selecting motor power



Handing ApS™
Nordkranvej 5-9, Vassingerød
DK - 3540 Lyngby
Tel.: +45 48160166
www.handing.dk

LYSF
SFB5-AA

Dette dokument er vejledende.
Der tages forbehold for fejl.
This document is only guiding.
We make reservation for possible errors.
Copyright © By Handing ApS. All Rights Reserved.

Alle mål i mm.
All measures in mm.

Lager nr. /LH

PC9241