



Sanitary Centrifugal Pump

SCP/ECP series



Coding System

Model description

SCP 15B-160- 5.5 A B

- Outlet joint type
 - A:ISO clamp B:ISO thread
 - C:DIN thread D:SMS thread
 - E:3A F: Flange
- Inlet joint type
- Motor power(kw)
- Impeller diameter(mm)
- Seal type
- Seat No.
- Sanitary centrifugal pump
 - SCP 316L
 - ECP 304

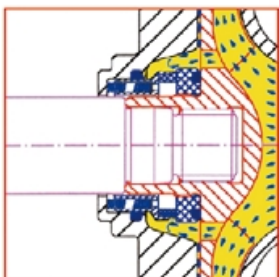


Material (fluid-passing)	AISI316L 304
Shaft	Duplex stainless steel
Interior surface polishing	0.4-0.8μm
Material (fluid-passing seal)	EPDM /FPM /SILI
Max.inlet pressure	0.5MPa
Range	-10°C~+140°C(EPDM)
Nose level(at 1 m)	< 85dB(A)
Single-end seal	Duplex stainless steel
Double-end seal (option)	Pressure: max.0.6 MPa; flow: 0.25-0.5 L/min
Voltage, frequency	50Hz,220~240/380~420V/660~690V,△/Y
Motor specs	50Hz:1.5、2.2、3、4、5.5、7.5、11、15、18.5、22、30、37kW

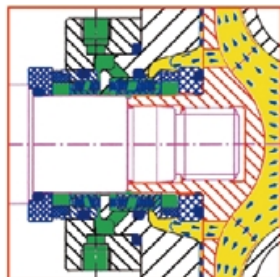
Main technical parameters

Structural features

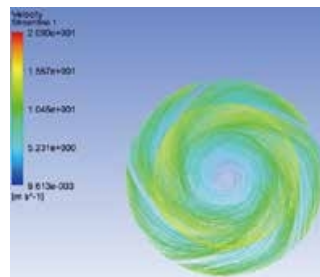
- NISSIN sanitary centrifugal pump is of single-stage,single-suction,and open impeller.The casing and impeller are carefully designed, so that the resistance loss is small and the sanitary dead angle is completely eliminated.
- Because of its special structure and easy cleaning,it has excellent sanitary performance, which can meet the pumping of products with sanitary requirements.
- It consists of standard motor,impeller,casing,stainless steel motor protective cover,adjustable stainless steel leg, and sanitary mechanical seal with independent intellectual property rights.
- Mechanical seal material can be selected per different pumping media: silicon carbide/silicon carbide (SiC/SiC), and cemented carbide cemented carbide (TC/TC) are available.



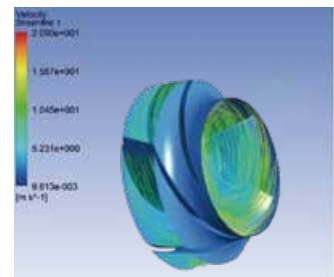
Single-end mechanical seal



Double-end mechanical seal

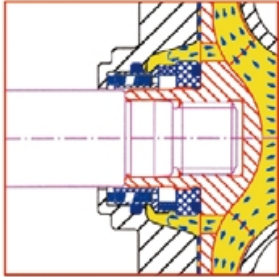


CFD flow field simulation diagram

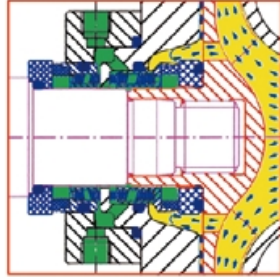


CFD flow field simulation diagram

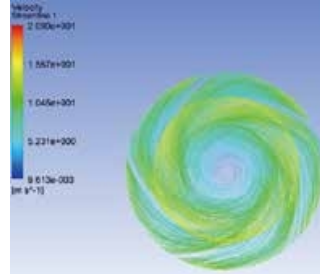
Introduction



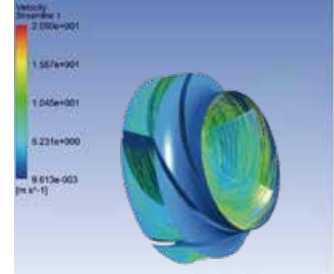
Single-end mechanical seal



Double-end mechanical seal



CFD flow field simulation diagram



CFD flow field simulation diagram

Standards compliant



U.S.A: 3A



EHEDG

European Hygienic Engineering & Design Group

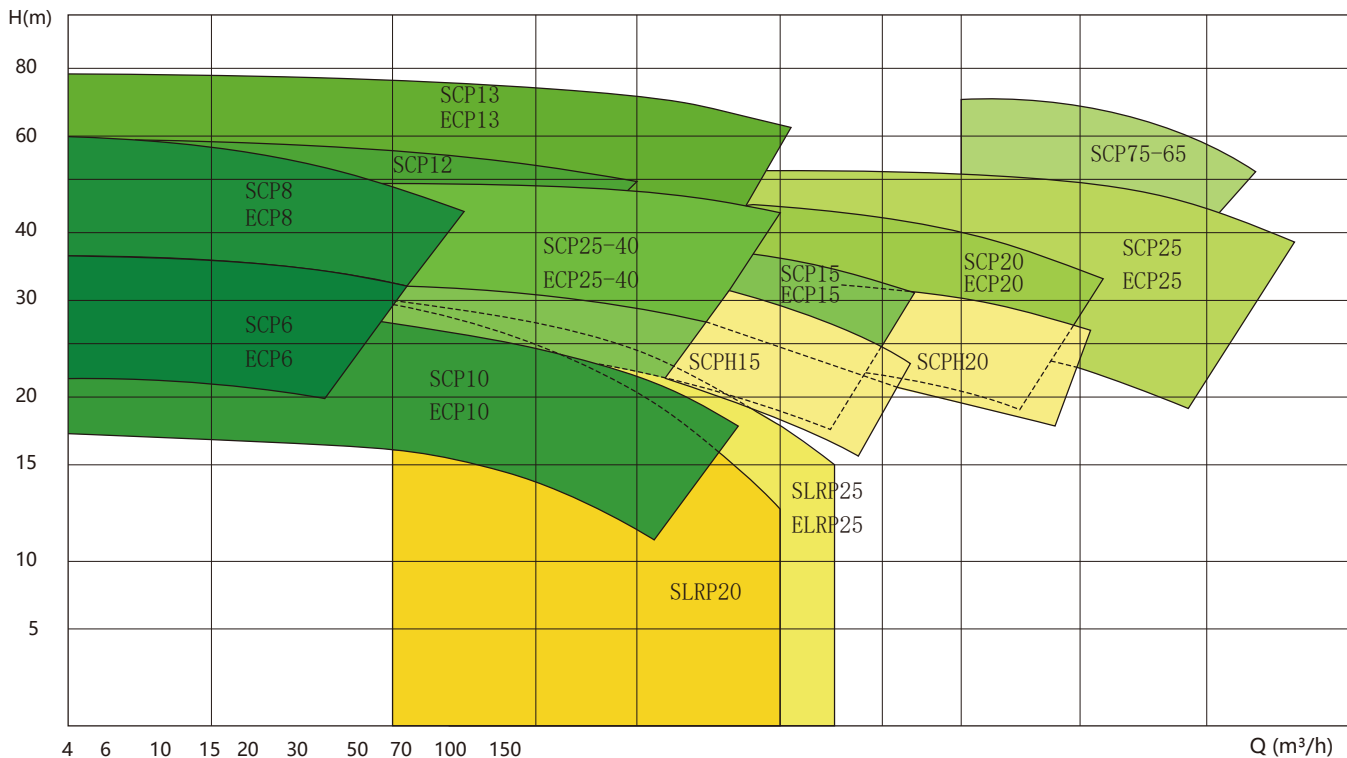


SCP/ECP series of sanitary centrifugal pumps are mainly used for pumping the materials with certain sanitary requirements, such as dairy products, beverages, condiments, beer, liquor, wine, drinking purified water, mineral water, etc., as well as the fluid media in the fields of medicine, bio engineering, fine chemicals, daily chemicals, etc. They can also be used for pumping the solution containing certain suspended substances or corrosiveness.

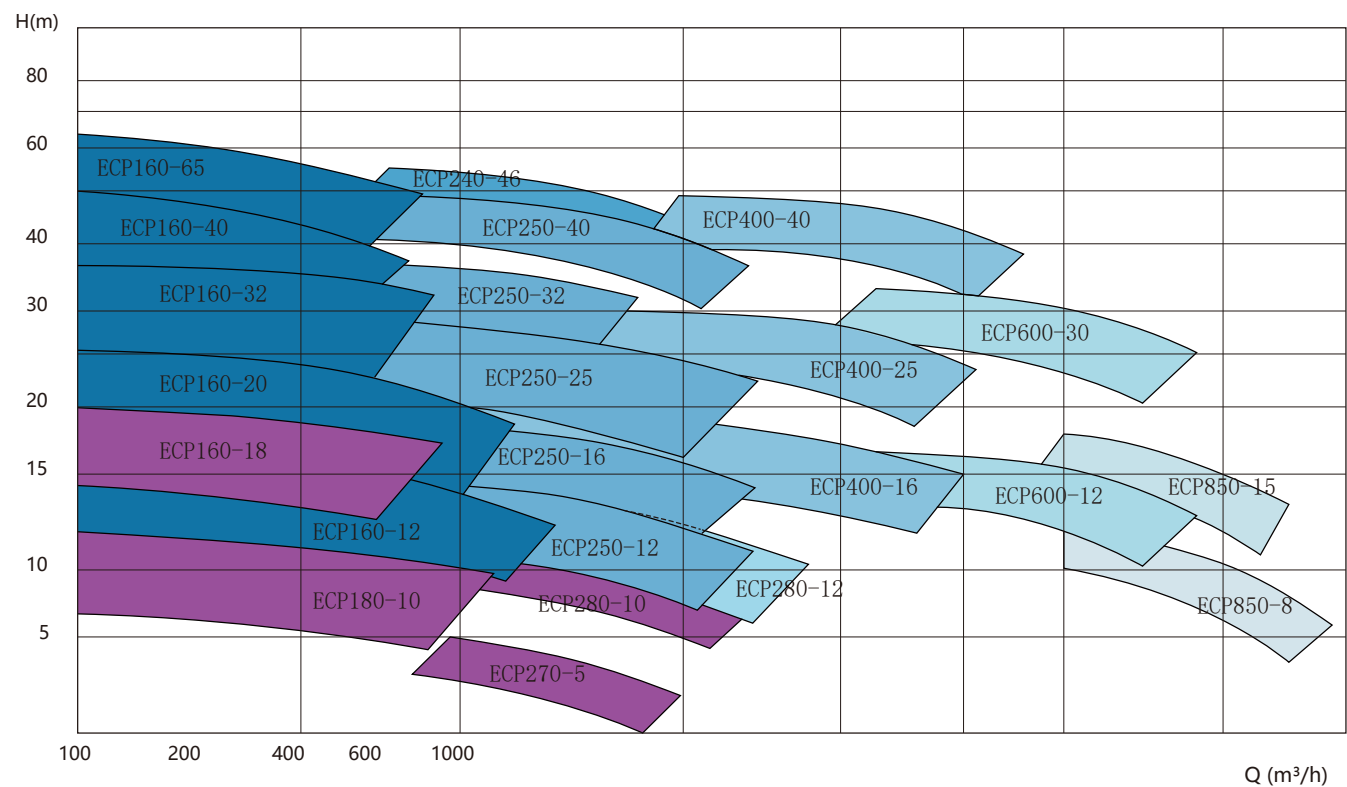
Introduction

SCP/ECP Series Sanitary Centrifugal Pump

SLRP/SCPH Series Sanitary Self-Priming Pump



ECP Series Large-Flow Pump



For more pump selection information, please contact
FIDATO Sales Engineer.

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Your local distributor details:



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