

The **SILI S series pump** is a single stage, double suction centrifugal marine pump. This pump is also called split casing centrifugal pump. Usually this pump can reach a big capacity range than single suction type.

- Compact structure.
- **Double suction type(split casing)**
- **Max capacity to 2000m³/h(DN500mm)**
- Convenient maintenance
- Easy installation/service.
- High efficiency
- Low NPSHr

Design Features

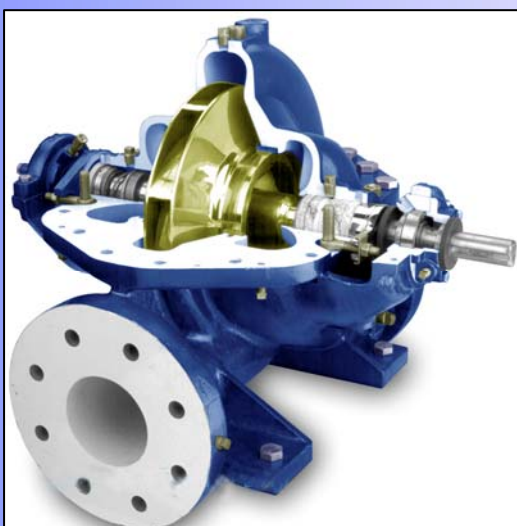
The pump case is double volute structured, which greatly reduces radial force, lightens bearing's load and prolongs bearing's service life.

The pump shaft is supported by two single-column centripetal ball bearings, which are mounted inside of the bearing body on both ends of the pump and lubricated with grease. The seal ring is used to reduce the leak at the impeller.

High quality mechanical seals(carbon/ceramic/stainless steel) with balanced configuration.(Gland packing is available).

Bronze pump casing&body, impellers and stainless steel shaft as standard for sea water.

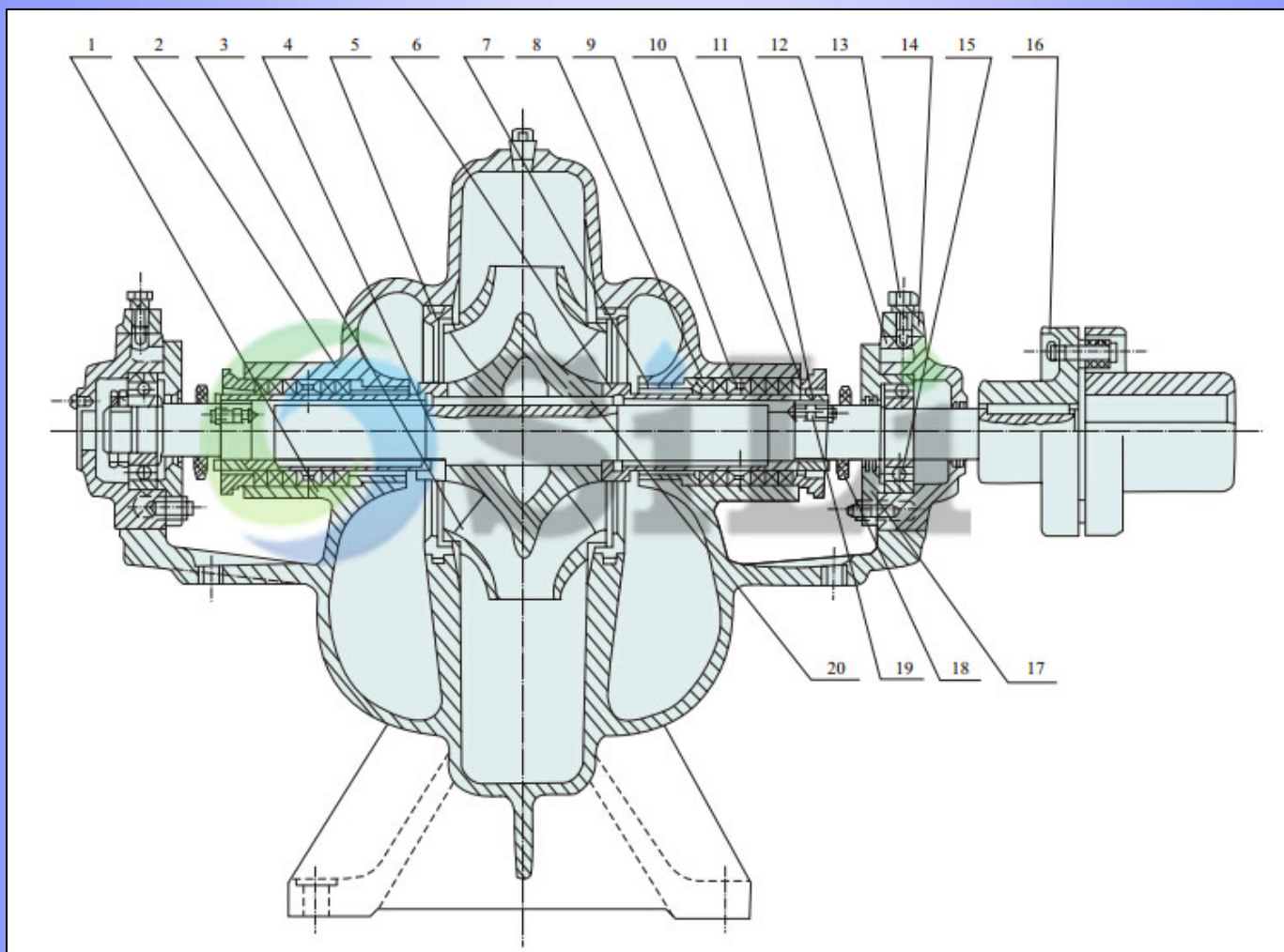
Bare shaft and frame mounted for direct coupling to electric motors, coupled to 2 or 4 pole quality IEC motor configurations, with high level class and insulation, in both 50Hz or 60Hz, suitable for marine purpose.



Capacity range: 160m ³ /h to 2000m ³ /h
Head range: 50m to 120m
Power: 37kw to 315kw, 380V/400V/415V/440V, 50Hz/60Hz
Speed(motor poles) 1450rpm(4 poles) and 2900rpm(2 poles) in 50HZ 1750rpm(4 poles) and 3500rpm(2 poles) in 60Hz
Flange size: DN150mm(6 inch) to DN500mm(20 inches)
Temperature range: Usually below 60 C degree, max 80 C degree
Liquid: Clean sea water or fresh water.

Applications

The SILI S pumps are specially suitable for the big capacity **ballast pump** in marine and offshore industry. It can be also used for cooling, fire-fighting and other purpose for clean sea water on board a vessel.



Spare parts and material

Part name		Material	
		Sea water	Fresh water
1	Casing	Bronze	Cast iron
2	Cover	Bronze	Cast iron
3	Impeller	Bronze	Bronze
4	Shaft	SS	SS
5	Seal ring	Bronze	Bronze
6	Shaft sleeve	SS	SS
7-10	Shaft seal		
11	Sleeve nut	SS	SS
12	Bearing body	Cast iron	Cast iron
13	Screw	Cast steel	Cast steel
14	Bearing cover	Cast iron	Cast iron
15	Bearing		
16	Coupling	Carbon steel	Carbon steel
19	Stud	Cast steel	Cast steel
20	Key	SS	SS

Bronze: ZcuZn16Si4

Cast iron: HT250(GG25)

Stainless steel: 1Cr18Ni9Ti

Shaft seal is in mechanical type, soft packing is also available.

SILI PUMP,
Your reliable one-stop supplier of marine pumps.

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(The company reserves the right to make alteration without notice)