

The **SILI CISG pump** is a popular pump, which is widely used in marine and offshore industry. This pump performance is on the basis of CIS pump, but just in vertical type. It is a centrifugal type with single stage, single flow, in line and same flanges

- Compact structure.
- High efficiency.
- Easy installation/service.
- **Mono-block type**
- **In-line and same inlet/outlet flanges**
- ISO2858 standard

Design Features

Mono-block design type, it request much less space for pump installation, which the operation is more convenient.

High quality replaceable mechanical shaft seal of an approved brand, tungsten carbon/ceramics/stainless steel material.

A special mechanical seal for temperature higher than 120 C.

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

Coupled to 2 or 4 pole quality IEC motor configurations, with high level class and insulation, in both 50Hz and 60Hz, suitable for marine purpose.

Pump inlet and outlet flange is inline and same. Pump can be installed like a valve in the pipeline.

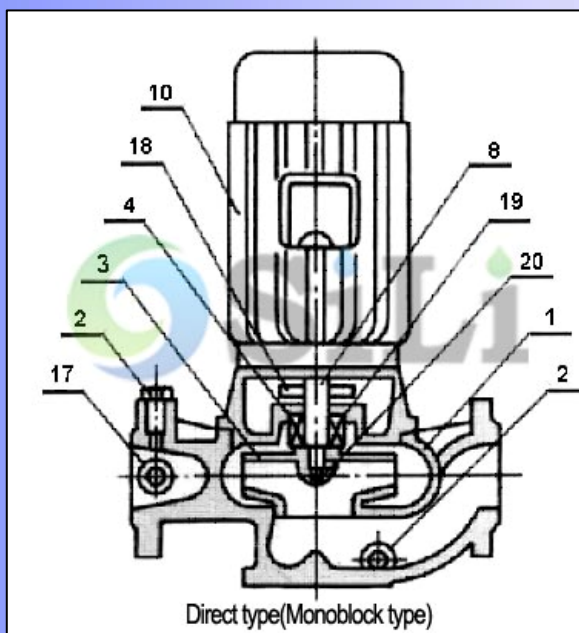
The lower barycenter of the vertical structure which coincides with the center of the pump feet strengthens the stability of running and the duration.



Applications

The SILI CISG pumps are an ideal marine pump as **fresh and seawater cooling pumps, bilge and ballast pumps, fire-fighting, general service pumps, Deck-wash pumps**, and further for transport of slightly aggressive liquids with low viscosity such as diesel and lubricating oils...

Capacity range: 4m ³ /h to 100m ³ /h in 50Hz 4m ³ /h to 120m ³ /h in 60HZ
Head range: 10m to 120m in 50HZ 10m to 140m in 60HZ
Power: 0.55kw to 75kw, 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: DN25mm(1 inch) to DN100mm(4 inches)
Temperature range: Common type, below 60 C degree, max 80 C degree, Special mechanical seal type, below 120 C degree, max 140 C degree.
Liquid: Clean sea water, bilge water or fresh water.



Material

Part name	Material	
	Sea water	Fresh water
Cover	Bronze	Cast iron
Casing & body	Bronze	Cast iron
Impeller	Bronze	Bronze
Wear ring	Bronze	Bronze
Shaft seal	Mech. seal	Mech. seal
Shaft	Stainless steel	Stainless steel
Coupling	Cast steel	Cast steel

Bronze: ZcuZn16Si4

Cast iron: HT250(GG25)

Stainless steel: 1Cr18Ni9Ti

Structure and part item list

The pump consists of electric motor, shaft, covers, body, impeller and etc. The shaft of pump connects with the impeller to rotate through a coupling(spacer coupling or elastic clutch).

1	Pump body	17	Pressure plug
2	Water drain plug	18	Water deflector
3	Impeller	19	Union seat
4	Mechanical seal	20	Impeller nut
8	Pump shaft		
10	Motor		

SILI PUMP,

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

