

The **SILI CIS series pump** is a single stage, single suction, end-suction centrifugal marine pump. This pump is designed according to international standard---ISO2858, for the end-suction centrifugal pump about the designation, nominal duty point and dimensions. (rating 16 bar).

- ISO2858 standard.
- Compact structure.
- **Back pull-out design**, convenient maintenance
- Easy installation/service.
- High efficiency
- Low NPSHr

Design Features

Designed to comply with ISO 2858 standard.

Back pull-out design. The bolting to the base plate through the casing feet together with spacer coupling, allow an easy disassembly of the rotating parts without disturbing the alignment and without disconnecting pipes and motor.

High quality mechanical seals(carbon/ceramic/stainless steel) with balanced configuration, most of the pumps are designed with sealing rings at the front and back of impellers.(Gland packing is available)

Two bearing housings fitted with deep groove rolling ball bearings. Pumps are fitted with greased for life bearings, or bearings are oil bath lubricated

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

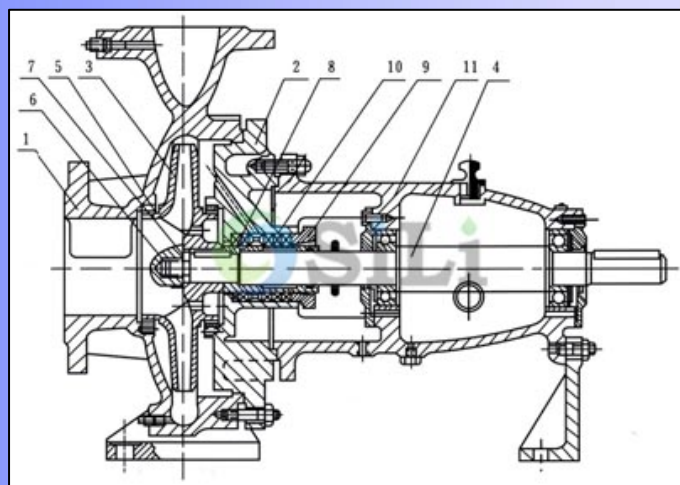


Bare shaft and frame mounted for direct coupling to electric motors, coupled to 2 or 4 pole quality IEC motor configurations, with high level class and insulation, in both 50Hz or 60Hz, suitable for marine purpose.

Applications

The SILI CIS pumps are suitable as **cooling pumps and fresh water booster or circulation pumps**, In addition, bilge and ballast pumps, fire-fighting, general service pumps, Deck-wash pumps and so on.

Capacity range: 10m ³ /h to 450m ³ /h in 50Hz 10m ³ /h to 540m ³ /h in 60HZ
Head range: 5m to 120m in 50HZ 5m to 140m in 60HZ
Power: 0.55kw to 132kw, 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: DN32mm(1.25 inch) to DN200mm(8 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 or fresh water.



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 spacer coupling.

A mechanical seal or soft gland packing is provided as a shaft seal.

Two bearing supporting the rotatory parts such as shaft, impeller and etc.

1	Casing	7	Lock washer
2	Cover	8	Shaft sleeve
3	Impeller	9	Shaft seal gland
4	Shaft	10	Shaft seal
5	Seal ring	11	Pump body
6	Nut of impeller	12	Bearing

Material

Part name	Material	
	Sea water	Fresh water
Cover	Bronze	Cast iron
Casing	Bronze	Cast iron
Impeller	Bronze	Bronze
Seal ring	Bronze	Bronze
Impeller nut	Bronze	Bronze
Shaft seal	Mech. seal or packing	Mech. seal or packing
Shaft	Stainless steel	Stainless steel
Coupling	Cast steel	Cast steel

Bronze: ZcuZn16Si4

Cast iron: HT250(GG25)

Stainless steel: 1Cr18Ni9Ti



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

Shanghai SILI PUMP Industry Co., Ltd.

Add: No.128 Jinyuan Road, 201518, Shanghai, China (Jinyuan Industry Area)

Tel: 0086-21-39109967, fax: 0086-21-39109967

Web: www.silipump.com e-mail: sales@silipump.com

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