

# Self-Priming Centrifugal Oil Pump

This self-priming centrifugal oil pump features a simple construction and is easy to operate. It is designed for efficient fluid transfer in a wide range of applications.



## Overview



The fully assembled unit features a robust housing and electric motor mounted on a stable base for industrial use.

## High-Efficiency Self-Priming Solution

The CYZ series is a self-priming centrifugal oil pump designed for high displacement and superior efficiency in maritime and industrial applications. Its simple construction and easy operation make it a reliable choice for professional buyers needing a convenient, easy-to-repair pumping solution. This pump is specifically engineered to handle various fuels and liquids with a wide application scope, ensuring versatile performance across different operating environments.

## Performance & Operation

### Medium Temperature Range

**-20 °C**

Min Temperature

**80 °C**

Max Temperature

### Key Features

Self-Priming, High Efficiency, High Displacement, Simple Construction, Easy Operation

## Application

### Compatible Fluids

- Gasoline
- Kerosene
- Diesel Oil
- Seawater
- Fresh Water

### Typical Applications

- Oil load and unload in boats
- Oil bunkers
- Oil tankers
- General fluid transfer

## Technical Construction



Detailed internal arrangement highlighting the casing, impeller, and bearing assembly for easy maintenance.

### Internal Components

- Suction room
- Liquid storage room
- Vortex room
- Liquid returning hole
- Gas and liquid dividing room

<b>Bearing Configuration</b>	Single row radial ball bearings
<b>Sealing System</b>	Mechanical seals on shaft end with high/low pressure area seal ring
<b>Cooling System</b>	Yes
<b>Cooling Specification</b>	Integrated cooling room in the bottom of the bearing stand