

# Industrial Boiler Water Circulation Pump

This boiler water circulation pump is designed for high pressure and high suction pressure applications. It is suitable for maintaining consistent water circulation in boiler systems.



## ADDITIONAL IMAGES



## Overview

### Industrial Boiler Water Circulation Pump

The SZF series is a robust, horizontal, single-stage centrifugal pump engineered strictly according to API 610 standards. Designed for high-pressure industrial environments, it features a heavy-duty bearing box capable of withstanding significant thrust forces. This series offers exceptional hydraulic performance, high efficiency, and superior anti-cavitation capabilities, making it an ideal solution for boiler water circulation, quench water, and coal chemical industry grey water transfer.

## Technical Specifications

### Design Standard

API 610 • OH2

### Pump Type

Centrifugal, Horizontal, Single Stage, Single Suction, Cantilever

### Operating Temperature

-80°C to +450°C

### Nozzle Diameter

50 - 400 mm

## Performance Metrics

### Key Operating Metrics

**2600 m<sup>3</sup>/h**

Max Flow Capacity

**300 m**

Max Discharge Head

**15 MPa**

Max Pressure

## Features & Maintenance

### Design Advantages

- Heavy-duty bearing box for high thrust force
- Rational design for high component universality
- Reduced maintenance time and spare part requirements
- Integrated connections for vibration, temperature, and pressure testing
- Optimized sealing chambers meeting API standards