

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

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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 m³/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