High Temperature Vertical Multistage Centrifugal Pump

This high-temperature vertical multistage centrifugal pump is designed to handle fluids up to 180°C. It incorporates a cooling device to ensure the mechanical seal's safe operating temperature and prevent motor damage.

Product Overview

High-Temperature Performance & Efficiency

This vertical multistage centrifugal pump is engineered specifically for high-temperature applications, featuring an integrated cooling device that protects the mechanical seal by reducing fluid temperatures to 120°C or lower. With an ultra-efficient IE3 motor and an MEI rating of e0.7, it delivers exceptional energy savings and environmental performance. Its compact, vertical design ensures a small footprint while providing high-pressure output, making it a reliable solution for demanding industrial environments.

Technical Specifications

Flow Rate

0.5 m³/h	8.5 m³/h
Min Flow	Max Flow

Head Range

4 m	249 m
Min Head	Max Head

Operating Temperature	-15°C to +180°C
Max Working Pressure	25 bar
Efficiency Standards	IE3 Motor, MEI e 0.7

Applications

Suitable Applications

- Hot water boilers
- High temperature steam sterilization
- Environmental waste treatment
- Water supply and drainage
- HVAC systems
- Other industrial applications

Features

Key Advantages

- Integrated cooling device for mechanical seal protection
- High energy efficiency and environmental compliance
- Low noise operation
- Compact and lightweight construction
- High reliability and ease of maintenance