

Clear Water Centrifugal Pump

This single-stage centrifugal pump is designed for industrial and municipal water applications, including supply and drainage. It efficiently conveys clear water and other liquids with similar characteristics at temperatures up to 80 .

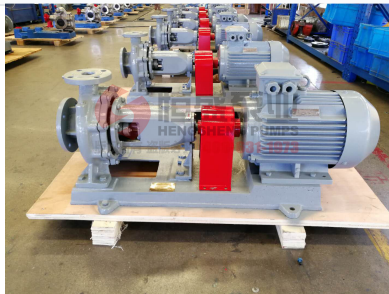


Product Overview

IS Series Centrifugal Pump

The IS series is a single-stage, axial inhalation centrifugal pump engineered for industrial and municipal water supply, drainage, and agricultural irrigation. It is designed to efficiently convey clear water and other non-aggressive liquids with physical and chemical properties similar to clean water. These pumps are known for their reliable performance and are capable of handling fluid temperatures up to +80°C.

Technical Performance



Technical diagram and performance specifications for the IS series centrifugal pump.

Operating Speed

- 2900 r/min
- 1450 r/min

Key Performance Metrics

400 m³/h

Max Capacity

125 m

Max Head

80 °C

Max Fluid Temp

Inlet Diameter

50 mm

Max Inlet Diameter

200 mm

Application & Selection

Selection Best Practices

When selecting the pump, ensure the capacity is less than the normal water capacity of your source, accounting for low-water seasons. The head should be calculated based on the required delivery lift plus pipeline loss. Additionally, verify installation height: the vertical distance between the liquid level and the pump axis must be less than the pump's assigned suction height.

Suitable Applications

Industrial Water Supply, City Water Supply, Agricultural Irrigation, Drainage Systems