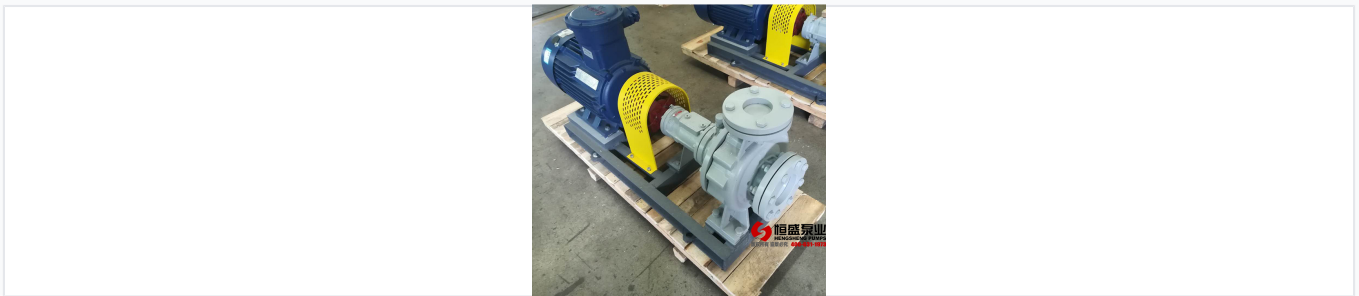


Air-Cooled Thermal Oil Circulation Pump

This air-cooled hot oil pump is designed to transport high-temperature liquids without solid particles. Its corrosion resistance and working temperature depend on the material of the main parts connected with the medium.



Overview



Complete pump assembly featuring direct-coupled motor and stable base frame.

High-Efficiency Thermal Circulation

The RY Series air-cooled hot oil pump is an energy-conserving solution engineered to provide reliable performance in high-temperature fluid transport. Designed in accordance with GB5662 standards, this pump effectively handles thermal oils without solid particles, making it ideal for demanding industrial circulation systems. Its sophisticated air-cooling design ensures optimal temperature regulation and enhanced longevity, even in continuous high-heat environments.

Performance

Operating Range

500 m³/h

Max Capacity

125 m

Max Delivery Lift

350 °C

Max Temperature

Construction



Internal component breakdown including impeller, casing, and sealing mechanisms.

Model Coding Table

Component	Definition
RY	Hot Oil Pump Series
100	Inlet Diameter (mm)
65	Outlet Diameter (mm)
200	Nominal Impeller Diameter (mm)
A	First Trim of Impeller

Material Specifications

HT200, ZG230-450, 1Cr18N8-9Ti, OCr18N8912Mo2Ti

Applications

Suitable Industries

- Petro-chemical
- Oil Industry
- Synthetic-fibre
- Textile Dyeing and Printing
- Plastic and Rubber
- Papermaking
- Timber Processing
- Construction
- Food Processing
- Medical Manufacturing