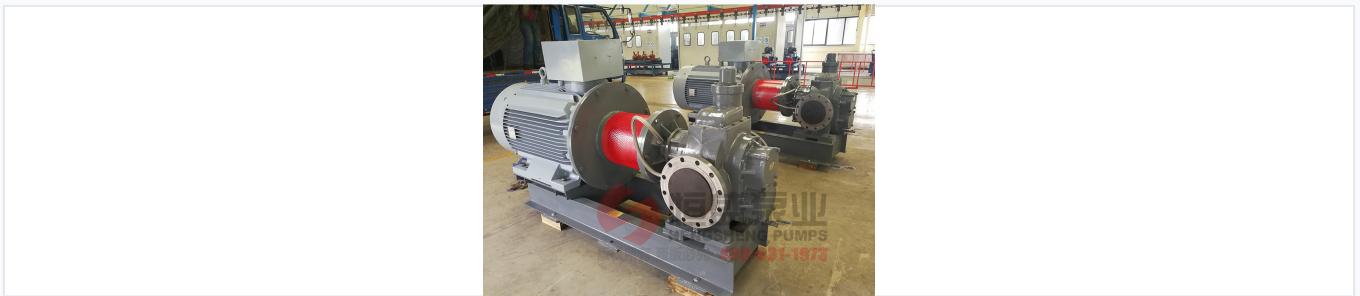


# Magnetic Drive Gear Pump

This gear pump features a magnetic drive for totally sealed, leak-free operation. It is composed of a pump body, gear, shaft, magnetic drive, and safety valve.



## Overview



Magnetic coupling system for leak-free operation.

### Magnetic Drive Gear Pump

The YCB series magnetic drive gear pump is a high-efficiency, leak-free solution designed for demanding industrial fluid transfer. Utilizing an external meshing gear system with magnetic coupling, it eliminates the need for mechanical seals, ensuring total containment. This makes it ideal for handling toxic, volatile, or flammable fluids safely.

## Operating Parameters

Viscosity Range	5 CST
Maximum Viscosity	1500 CST

## Design Features



Professional grade pump design featuring integral safety valve and durable construction.

Safety Valve Pressure	1.5 times the rated pressure
Rotation Direction	Clockwise (from drive side)

## Applications

### Suitable Industries

Petrochemical, Chemical, Oil Refining, Nuclear Power, Metallurgy, Food Processing, Pharmaceutical, Textile

## Compatibility

### Compatible Fluids

- Heavy oil
- Mechanical oil
- Fuel oil
- Toxic and harmful fluids
- Volatile fluids
- Inflammable and explosive fluids

### Handling Restrictions

- No solid particles
- No long fibers
- Not for ferromagnetic materials