

Magnetic Drive Internal Gear Pump

This magnetic drive internal gear pump is a positive displacement pump suitable for various industries. It is designed to handle media with different viscosities, making it especially useful for high-viscosity fluids.



Overview



Detailed component breakdown showing the internal rotor, gear mechanism, and magnetic drive assembly.

High-Performance Magnetic Drive Pump

The NYP series magnetic drive internal gear pump is a precision-engineered positive displacement pump designed for demanding industrial applications. It features a specialized magnetic coupling system that eliminates the need for traditional shaft seals, ensuring a completely leak-free operation. This design is particularly effective for handling high-viscosity media, providing smooth, pulsation-free flow with minimal noise and vibration.

Technical Specifications



The pump unit features a robust construction suitable for handling corrosive and hazardous liquids.

Operating Temperature	200 °C
Minimum Temperature	-10 °C
Viscosity Range	5 - 10000 cSt
Pump Type	Positive Displacement Internal Gear Pump
Drive Mechanism	Magnetic Drive (Sealed)

Features



Internal gear design ensures smooth, pulsation-free flow for precise fluid transfer.

Key Features

- Steady delivery without pulsation
- Low vibration and noise
- Leak-free magnetic drive
- Suitable for high-viscosity media
- Internal lubrication via transport medium
- Long operation life

Optional Additions

Insulation Jacket, Safety Valve

Application Fields

Suitable Industries

Petroleum • Chemical • Coating • Dyestuff • Grease • Medicine • Foodstuff