

Helical Gear Motor with High Efficiency

This is a high-efficiency helical gear motor designed for diverse industrial applications. The motor provides optimal power transmission and precise speed control.



Product Overview

High Efficiency Helical Gear Motor

This small-volume helical gear motor is engineered for high-precision industrial performance, featuring components crafted from high-grade alloy steel treated with carburizing and quenching. Designed for reliability, the unit comes pre-lubricated for immediate installation and operation. Its versatile construction and robust cooling system ensure it meets diverse application requirements in indoor environments.

Technical Specifications

Protection & Insulation

Component	Rating
Insulation Degree	F, B
Aluminum Box Protection	IP54
Steel Box Protection	IP20

Operating Performance

1000 m Max Altitude	90 % Humidity Limit
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Construction Materials

Special Alloy Steel, Aluminum Alloy, Cast Iron, Stainless Steel

Electrical Data

Input Power Requirements

- Voltage: 220/380V or 110/220V
- Frequency: 50/60Hz
- Cooling: Fully-enclosed external fans
- Starting: Direct/Capacitor starting

Braking Mechanism

No excitation magneto type brake (power interrupt brake) with DC90-110V input

Physical Properties

Available Shaft Diameters

- 18
- 22
- 28
- 32
- 40
- 50