

Parallel Shaft Helical Geared Motor

This geared motor provides output speeds from 0.04-752 r/min and torque up to 18000 N.m. It is suitable for use in conveyors, mixers, and other machinery.



Overview

High-Performance Helical Geared Motor

The F Series parallel shaft helical geared motor is engineered for efficient power transmission in demanding industrial applications. Featuring a robust high-strength cast iron housing, this unit delivers high bearing capacity and smooth, quiet operation. Every gearbox undergoes rigorous 100% testing prior to delivery to ensure reliability and performance in machinery such as conveyors and mixers.

Performance Metrics

Efficiency per Stage

98 %

Efficiency

Noise Level	<70-80dB
Temperature Rise	<40-50

Technical Construction

Housing Material	High strength cast iron
Gear Processing	Gas carbonization, Quenching, Fine grinding

Components & Quality

Bearing Compatibility

- Standard high-quality bearings
- SKF
- NSK
- FAG

Quality Control

100% Tested • No oil leak design

Sealing	Double-lip oil seal
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Engineering

Transmission Capabilities	Fine division, wide scope, combinable series for larger ratios
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