

Permanent Magnet Brushless Synchronous Motor

This permanent magnet brushless synchronous motor is designed for demanding industrial applications. These motors offer exceptional torque density, precise speed control, and reliable performance.



ADDITIONAL IMAGES



Overview

High-Efficiency Synchronous Motor

This permanent magnet brushless synchronous motor is designed for reliability and efficiency across industrial and agricultural applications. Featuring a robust construction and advanced cooling, it offers superior performance with low maintenance requirements. The motor is engineered for long service life, making it a dependable choice for general drive systems and diverse operational fields.

Technical Specifications

Key Performance Metrics

0.75 kW

Power (50Hz)

1380 rpm

Speed (50Hz)

0.78 Cos ϕ

Power Factor

72 %

Efficiency (Full Load)

Protection Class

IP55

Operating Conditions

S1 Duty, Three-Phase, Industrial Grade

Performance Data

Frequency Performance Comparison

Frequency	Power (HP)	Speed (rpm)	Efficiency (%)
50Hz	1	1380	72
60Hz	1.15	1650	72

Mechanical Details

Bearing Specifications

- Drive End (DE): 6204
- Non-Drive End (NDE): 6204