

# Three-Phase Induction Motor with Integrated Brake

This robust electric motor is designed for industrial applications needing precise braking. Its integrated brake mechanism allows secure stopping, enhancing safety and control.



## Overview

### High-Precision Brake Motor

The MSEJ series is an enclosed, externally ventilated three-phase induction motor featuring a squirrel cage rotor and an integrated electromagnetic DC brake unit. Engineered for reliability and safety, it offers rapid braking response times between 5 and 80 milliseconds, making it ideal for applications requiring high set-up precision. This robust motor is designed to handle load braking, torque management, and the deceleration of rotating masses in demanding industrial environments.

## Technical Specifications

### Braking Response Time

<b>5 ms</b> Minimum Time	<b>80 ms</b> Maximum Time
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Available Frame Sizes	63, 71, 80, 90, 100, 112, 132, 160
Motor Construction	Three-phase induction motor with squirrel cage rotor
Brake System	Electromagnetic D.C. brake unit

## Operational Features

### Key Operational Benefits

- Rapid braking response (5-80ms)
- Enhanced set-up precision
- Reliable load and torque braking
- Externally ventilated for cooling
- Enclosed construction for durability