

# Three-Phase AC Brake Motor

These three-phase AC motors feature integrated DC brakes for instantaneous braking. They are used in applications requiring quick stops, accurate positioning, and frequent starting, such as electric valves and mechanical machinery.



## Product Overview

### High-Precision Three-Phase AC Brake Motor

This three-phase asynchronous electric motor is engineered for industrial applications requiring precise stopping and reliable holding torque. Designed for robustness and efficiency, it features a compact flange-mounted construction suitable for diverse machinery. The unit includes an integrated power-off braking system, ensuring safety and operational control in demanding environments.

## Electrical Specifications

### Wiring Connections

Power Rating	Connection Type
d 3kW	Star
e 4kW	Delta

Rated Voltage	380V
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Rated Frequency	50 Hz
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## Operational Parameters

### Duty Cycle

S1

Insulation Class	F
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Temperature Rise Class	B
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Cooling Mode	IC411
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## Environmental Conditions

### Ingress Protection

IP55

### Ambient Temperature

<b>-20</b> Min Temp	<b>40</b> Max Temp
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Maximum Altitude	1000 m
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## Braking System

Braking Mechanism	Power-off braking
Brake Power Source	Rectifier located in terminal box