



MID SERIES 1/8HP to 3HP (0.1kW to 2.2kW)

AC Induction Gearmotor

Detailed Instruction Manual

<Please read this manual before using the product. >



Brother International Corporation

Introduction

Thank you very much for purchasing our product.

Safety Precautions

- Be sure to carefully read the contents described in this Instruction Manual and to master how to use the product correctly before using it.
- Extents of hazard/damage expected to occur in the case of inept handling are classified and indicated into ranks of "Danger", "Warning" and "Caution" in this Instruction Manual. The definitions and indications are as follows:

Description of the symbol

 Danger	Cases where it is expected that a degree of danger is extremely high such that improper handling possibly causes a dangerous situation to occur, which may lead to death or serious injury.
 Warning	Cases where improper handling possibly causes a dangerous situation to occur, which may lead to death or serious injury.
 Caution	Cases where improper handling possibly causes a dangerous situation to occur, from which a minor or medium degree of injury may be incurred.

Even items described in "CAUTION" may lead to a serious accident depending on the situation.

Be sure to observe every instruction which deals with important contents.

The types of precautions to be observed are explained with classification, per the symbols below.

	Indicates "What You Must Pay Attention To."		Indicates "What You Must Not Do."
	Indicates "Burn Hazard."		Indicates "Do Not Disassemble."
	Indicates "Electric Shock Hazard."		Indicates "What You Must Do."
	Indicates "Fire hazard."		Indicates "Ground Connection."

 Danger	
General	
 	Use an explosion-proof motor that complies with operation under the explosive atmosphere. Failure to follow this precaution may result in explosions, ignition of fire, fire, electric shocks, injuries, and/or damage to the application.
 	If the product is used in an application such as a personnel transport device, make sure to install a protective device for safety purposes. Failure to implement safety measures may result in personal injury, death, and/or damage to the application.
 	If the product is used in an elevator, install a safety device on the application to prevent it from falling. Failure to implement safety measures may result in personal injury, death, and/or damage to the application due to the falling of the elevator.
 	Never perform operations with wet hands. Failure to follow this precaution may result in electric shock.
Wiring	
 	Do not change the wiring while the product is energized. Be sure to turn off the power before work. Failure to follow this precaution may result in electric shock.
 	Make sure to ground the grounding terminal. Otherwise, it may result in electric shock.
Operation	
 	Do not come close or touch the rotating parts (output shafts, etc.) while the product is in operation. Failure to follow this precaution may result in injury due to entanglement to the product.

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