Oriental motor

ORIENTAL MOTOR U.S.A. Corp. 570 Alaska Avenue Torrance, CA 90503 1-800-GO-VEXTA (468-3982)

All Categories - Shop Online > Components > AC Motor Components > Pinion Shaft Motors (for use with gearheads) > Item # BHI62ST-G2

Item # BHI62ST-G2, Induction Motor



Induction motors are optimal for uni-directional continuous operation such as a conveyor system.

- The smallest frame size (4.09 inch [104 mm]) in the 1/3.73 HP (200 W) output class
- · Approved under typical international safety standards; bears the CE marking
- Gearhead required







Web Price

\$222.00

Specifications | Connection

Spe		

Contact your local sales office for product lead-times, available to ship dates and shipping Available to Ship

methods

Oriental Motor® **Product Line**

Induction Motor Type Frame Size 4.09 in

200 W (1/4 HP) **Output Power**

Voltage (VAC) Three-Phase 200/220/230 VAC

Frequency (Hz)

0.95 A [220/230 VAC] Current 1.1 A [200 VAC]

Shaft/Gear Type Pinion Shaft (Gearhead required - sold separately)

Type Terminal Box

RoHS Compliant

CSA Safety Standards CCC

CE Marking Low Voltage Directives

Electromagnetic Brake Not Equipped

 $100\;\text{M}\Omega$ or more when 500 VDC is applied between the windings and the case after rated motor Insulation Resistance

operation under normal ambient temperature and humidity.

Sufficient to withstand 1.5 kVAC at 50 Hz or 60 Hz applied between the windings and the case for **Dielectric Strength**

1 minute after rated motor operation under normal ambient temperature and humidity

Temperature rise of windings are 126°F (70°C) or less measured by the resistance change method after rated motor operation with connection to gearhead Temperature Rise

Insulation Class Class B (266°F [130°C])

Built-in thermal protector (Automatic return type). Operating temperature, open: 302°F \pm 9°F (150°C \pm 5°C) close: 204.8°F \pm 27°F (96°C \pm 15°C) **Overheat Protection**

 $14^{\rm o}F \sim 104^{\rm o}F \; (-10^{\rm o}C \sim 40^{\rm o}C) \; [Three-phase \; 200 \; VAC: \; 14^{\rm o}F \sim 122^{\rm o}F \; (-10^{\rm o}C \sim 50^{\rm o}C)] \; (non-freezing) \; (10^{\rm o}F \sim 104^{\rm o}F) \; (10^{\rm o}C \sim 10^{\rm o}C) \; (10^{\rm o}C \sim 10^{\rm o}$ **Ambient Temperature Range**

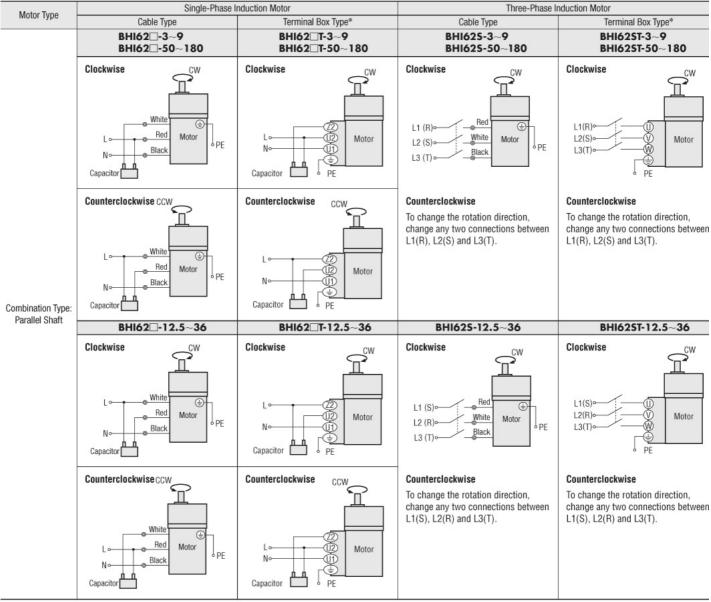
Ambient Humidity 85% or less (Non-condensing)

Degree of Protection

Connection

Connection Diagrams

- The direction of motor rotation is as viewed from the shaft end of the motor. CW represents the clockwise direction, while CCW represents the counterclockwise direction.
- Enter the voltage (F, E) in the box (□) within the model name.



PE: Protective Earth

★ Connecting to the terminal Applicable lead wires: AWG24~12 Strip length: 8 mm (0.315 in.)

Note

Change the direction of single-phase motor rotation only after bringing the motor to a stop. If an attempt is made to change the direction of rotation while the motor is rotating, motor may ignore reversing command or change its direction of rotation after some delay.

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¹ Quoted Ship Date for orders placed before 12:00 pm PST. Quantities may affect Shipping Date.