

Oriental motor

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

Item # BHI62E-G2, 200 W (1/4 HP) 1/4 HP BH Series AC Motors & Gear Motors Induction Pinion Shaft Motor (Single-Phase 220/230 VAC)



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

\$207.00

Specifications | Connection

Specifications

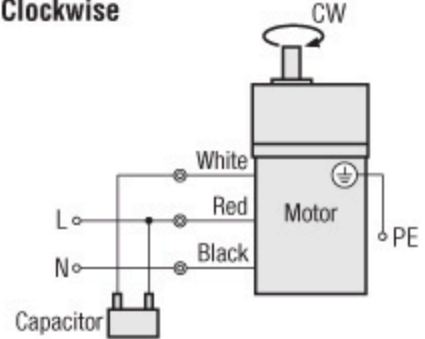
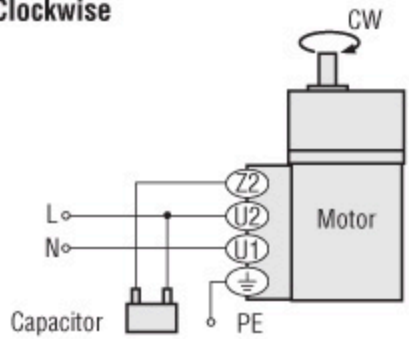
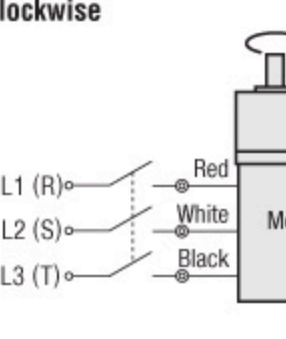
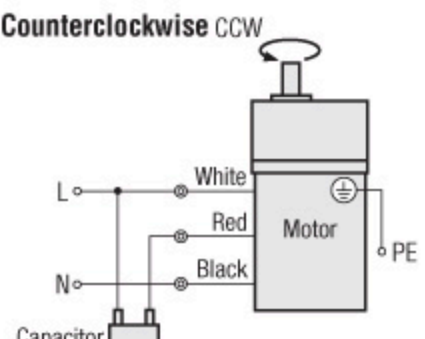
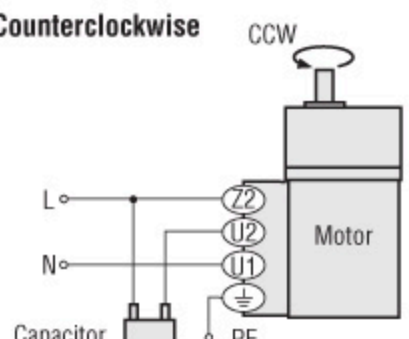
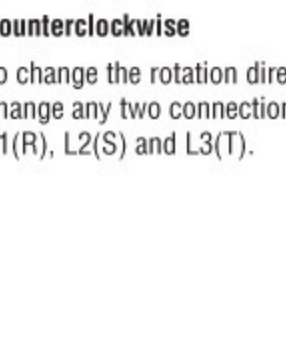
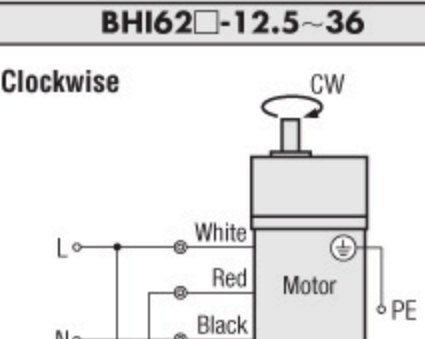
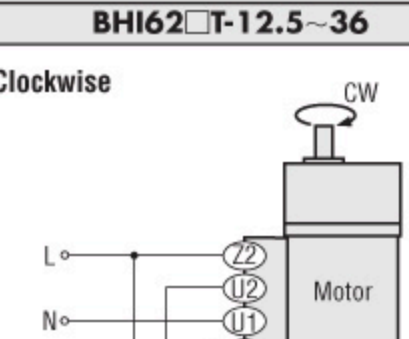
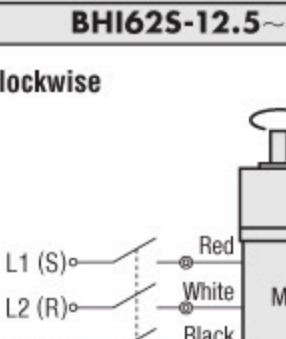
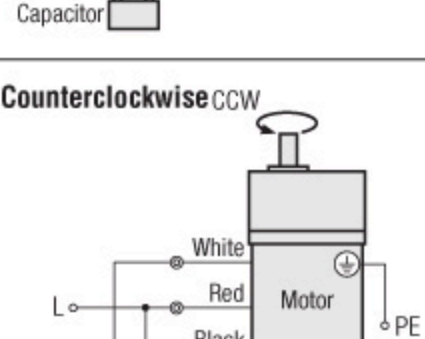
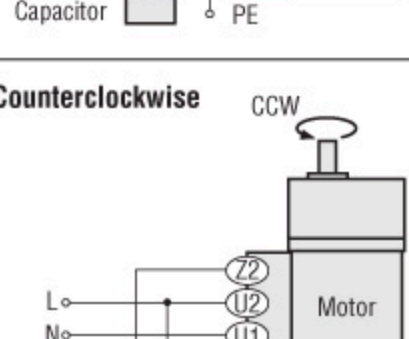
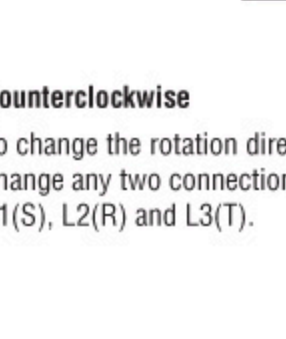
Available to Ship¹	Available quantity to ship: 20 pieces by 5/8/26.
Product Line	Oriental Motor®
Motor Type	Induction
Frame Size	4.09 in
Output Power	200 W (1/4 HP)
Voltage (VAC)	Single-Phase 220/230 VAC
Frequency (Hz)	60 50
Current	1.5 A
Shaft/Gear Type	Pinion Shaft (Gearhead required - sold separately)
Electromagnetic Brake	Not Equipped
Type	Cable



RoHS Compliant	Yes
Safety Standards	UL CSA CCC CE
CE Marking	Low Voltage Directives
California Proposition 65	<p>⚠ CA WARNING Cancer risk from exposure to Nickel. See www.P65Warnings.ca.gov Risk of reproductive harm from exposure to Di-n-hexyl phthalate (DnHP). See www.P65Warnings.ca.gov Risk of cancer and reproductive harm from exposure to Di(2-ethylhexyl phthalate (DEHP). See www.P65Warnings.ca.gov See "?" or copy/paste www.P65Warnings.ca.gov in your browser.</p>
Insulation Resistance	100 MΩ or more when 500 VDC is applied between the windings and the case after rated motor operation under normal ambient temperature and humidity.
Dielectric Strength	Sufficient to withstand 1.5 kVAC at 50 Hz or 60 Hz applied between the windings and the case for 1 minute after rated motor operation under normal ambient temperature and humidity.
Temperature Rise	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
Insulation Class	Class B (266°F [130°C])
Overheat Protection	Built-in thermal protector (Automatic return type). Operating temperature, open: 302°F ± 9°F (150°C ± 5°C) close: 204.8°F ± 27°F (96°C ± 15°C)
Ambient Temperature Range	14°F ~ 104°F (-10°C ~ 40°C) (non-freezing)
Ambient Humidity	85% or less (Non-condensing)
Degree of Protection	IP40

Connection Diagrams

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

Motor Type	Single-Phase Induction Motor		
	Cable Type	Terminal Box Type*	Cable Type
Combination Type: Parallel Shaft	BHI62□-3~9 BHI62□-50~180	BHI62□T-3~9 BHI62□T-50~180	BHI62S-3~9 BHI62S-50~180
	Clockwise 	Clockwise 	Clockwise 
	Counterclockwise CCW 	Counterclockwise CCW 	Counterclockwise To change the rotation direction change any two connector L1(R), L2(S) and L3(T). 
	BHI62□-12.5~36	BHI62□T-12.5~36	BHI62S-12.5~36
	Clockwise 	Clockwise 	Clockwise 
	Counterclockwise CCW 	Counterclockwise CCW 	Counterclockwise To change the rotation direction change any two connector L1(S), L2(R) and L3(T). 

Capacitor 

Capacitor  PE 

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 reversing command or change its direction of rotation after some delay.

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

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