

Oriental Motor U.S.A. Corp.

1001 Knox St.

Torrance, CA 90502

Tel: 800-418-7903 Fax: 800-309-7999

www.orientalmotor.com

## Item # 2IK6GN-SWM, Discontinued Product

Web Price QUOTE

### Discontinued Product



These motors are coupled to an AC electromagnetic brake which is activated when power is not applied. When the power source is turned off, the motor stops instantaneously and holds the load.

- Power off activated type electromagnetic brake
- Conforms to safety standards and global power supply voltages
- Gearhead Required



[LEAD TIME](#) · [SPECIFICATIONS](#)

### LEAD TIME

Available to Ship <sup>1</sup>	NA
--------------------------------	----

<sup>1</sup> Quoted Ship Date for orders placed before 12:00pm PST in quantities listed.  
A newer version of this product is available, contact your local sales office for more information.

### SPECIFICATIONS

Product Line	Oriental Motor ®
Motor Type	Electromagnetic Brake - Induction
Motor Frame Size	2.36 in. sq.
Output Power	6 W (1/125 HP)
Voltage (VAC)	Three-Phase 200/220/230 VAC
Frequency (Hz)	60 50
Shaft/Gear Type	Pinion Shaft for a Gearhead (sold separately)
Type	Lead Wire
Rated Torque (lb-in)	0.43 [200 VAC, 50 Hz] 0.36 [60 Hz]

Rated Speed (rpm)	1200 [200 VAC, 50 Hz] 1450 [60 Hz]
RoHS Compliant	No
Safety Standards	UL CSA EN CE
CE Marking	Low Voltage Directives
Insulation Resistance	100 M $\Omega$ or more when 500 VDC megger is applied between the windings and the frame after rated motor operation under normal ambient temperature and humidity.
Dielectric Strength	Sufficient to withstand 1.5 kV at 50 Hz or 60 Hz applied between the windings and the frame for 1 minute after rated motor operation under normal ambient temperature and humidity.
Temperature Rise	Temperature rise of windings are 144°F (80°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	Impedance protection
Ambient Temperature Range	Three-phase 200 VAC: 14°F ~ 122°F (-10°C ~ 50°C) (nonfreezing) Other voltage: 14°F ~ 104°F (-10°C ~ 40°C) (nonfreezing)
Ambient Humidity	85% maximum (noncondensing)
Degree of Protection	IP20