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Induction Motors World K Series

5IK90GE-UW2T2

Motor,Operating Manual

Safety Standards

| Product Name                                                                     | Product Leadtime | Unit Price(SGD) | Unit Price(USD) |
|----------------------------------------------------------------------------------|------------------|-----------------|-----------------|
| <input checked="" type="checkbox"/> 5IK90GE-UW2T2Please contact us for more info |                  | 216.00          | 173.00          |

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For better services, Malaysia customers and Thailand customers please contact our Malaysia and Thailand branch.

●Production Information

Current product

[Specifications](#)

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Specifications

|                 |                   |
|-----------------|-------------------|
| Frame Size      | 90mm              |
| Shaft/Gear Type | Pinion Shaft Type |
| Gear Ratio      | -                 |
| Type            | Terminal box type |
| Time Rating     | Continuous        |
| Output          | 90W               |

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|                                              |                                       |
|----------------------------------------------|---------------------------------------|
| Voltage / Frequency / Current                | Three-Phase 380VAC / 50Hz / 0.39A     |
|                                              | Three-Phase 380VAC / 60Hz / 0.33A     |
|                                              | Three-Phase 400VAC / 50Hz / 0.41A     |
|                                              | Three-Phase 400VAC / 60Hz / 0.34A     |
|                                              | Three-Phase 415VAC / 50Hz / 0.44A     |
| Starting Torque (Motor Shaft)                | Three-Phase 380VAC / 50Hz: 850mN·m    |
|                                              | Three-Phase 380VAC / 60Hz: 700mN·m    |
|                                              | Three-Phase 400VAC / 50Hz: 850mN·m    |
|                                              | Three-Phase 400VAC / 60Hz: 700mN·m    |
|                                              | Three-Phase 415VAC / 50Hz: 850mN·m    |
| Speed When Gearhead is Attached              | Depends on the combination gear head. |
| Permissible Torque When Gearhead is Attached | Depends on the combination gear head. |
| Permissible Load Inertia J                   | Depends on combination.               |
| Rotation Direction                           | Depends on the combination gear head. |
| Capacitance                                  | -                                     |
| Standard                                     | GB                                    |
| CE Marking                                   | affixed                               |
| Overheat Protection Device Type              | Thermal protector                     |
| Mass: Motor                                  | 3.3kg                                 |

- Notes
  - A three-phase 380/400/415 VAC specification motor cannot be used with an inverter. Using them together may lead to deterioration of the motor winding insulation and damage the products.
  - There is a built-in thermal protector (automatic return type). If a motor overheats for any reason, the thermal protector is activated and the motor is stopped. When the motor temperature drops, the thermal protector closes and the motor restarts automatically. Be sure to turn the power supply off before inspecting.

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The link of Web2CAD site can be used for 3D CAD data downloading as well. For more details, please click [here](#).

|                  |                                    |                                          |
|------------------|------------------------------------|------------------------------------------|
| 2D-CAD           | Motor/Gearhead                     | <a href="#">A1131.dxf</a>                |
|                  | World K Series                     | <a href="#">1306ac_ind_90w_a.pdf</a>     |
| Document         | CCC Self-Declaration of Conformity | <a href="#">CCC_2020980401003118.pdf</a> |
|                  | CE/UKCA Declaration of Conformity  | <a href="#">CE-9149.pdf</a>              |
| Operating Manual | World K Series                     | <a href="#">HM-9447E.pdf</a>             |

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Dimension

[Motor](#)

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