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Induction Motors World K Series

5IK90GE-UW2T2

Accessory

Motor,Operating Manual

Safety Standards

	Product Name	Product Leadtime	Unit Price(SGD)	Unit Price(USD)
☒	5IK90GE-UW2T2	Please 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	Download																																
Specifications <table><tr><td>Frame Size</td><td>90mm</td></tr><tr><td>Shaft/Gear Type</td><td>Pinion Shaft Type</td></tr><tr><td>Gear Ratio</td><td>-</td></tr><tr><td>Type</td><td>Terminal box type</td></tr><tr><td>Time Rating</td><td>Continuous</td></tr><tr><td>Output</td><td>90W</td></tr><tr><td>Voltage / Frequency / Current</td><td>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</td></tr><tr><td>Starting Torque (Motor Shaft)</td><td>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</td></tr><tr><td>Speed When Gearhead is Attached</td><td>Depends on the combination gear head.</td></tr><tr><td>Permissible Torque When Gearhead is Attached</td><td>Depends on the combination gear head.</td></tr><tr><td>Permissible Load Inertia J</td><td>Depends on combination.</td></tr><tr><td>Rotation Direction</td><td>Depends on the combination gear head.</td></tr><tr><td>Capacitance</td><td>-</td></tr><tr><td>Standard</td><td>GB</td></tr><tr><td>CE Marking</td><td>affixed</td></tr><tr><td>Overheat Protection Device Type</td><td>Thermal protector</td></tr></table> Dimension Motor Other specifications Other specifications		Frame Size	90mm	Shaft/Gear Type	Pinion Shaft Type	Gear Ratio	-	Type	Terminal box type	Time Rating	Continuous	Output	90W	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
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1/2

Mass: Motor	3.3kg
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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.
- here 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	A1131.dxf
Document	World K Series	1306ac_ind_90w_a.pdf
	CCC Self-Declaration of Conformity	CCC_2020980401003118.pdf
	CE/UKCA Declaration of Conformity	CE-9149.pdf
Operating Manual	World K Series	HM-9447E.pdf

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