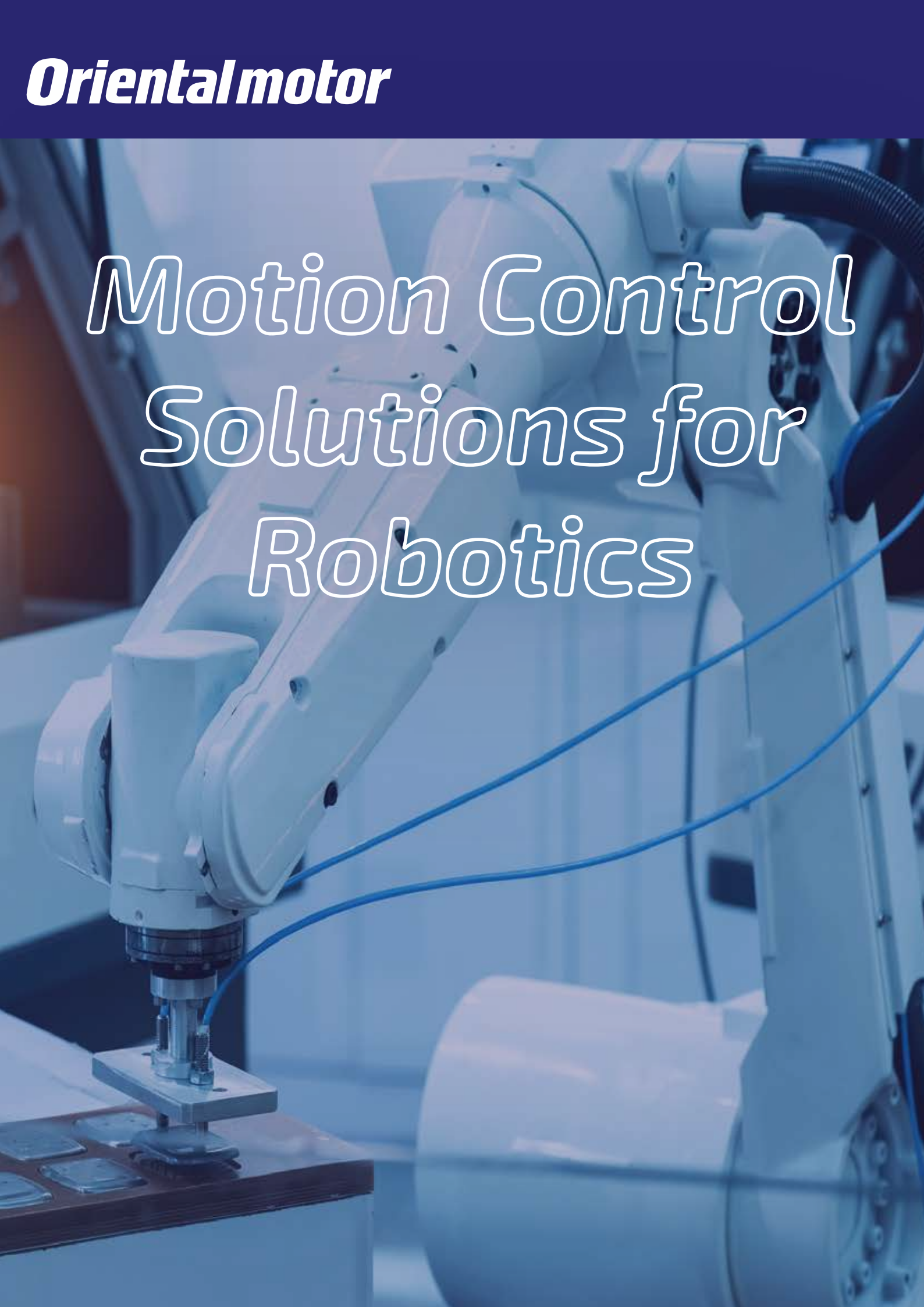


***Orientalmotor***

# *Motion Control Solutions for Robotics*

A close-up photograph of a white industrial robotic arm in a factory setting. The arm is positioned over a workbench with several small components. The background is slightly blurred, showing other parts of the machinery. The entire image has a blue color overlay.

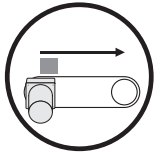
# Motion System Example

## Application

Belt Conveyor Application

## World K Series

Conforms To The Power Supply Voltages In Asia



Continuous Operation



Cost Saving



High Torque




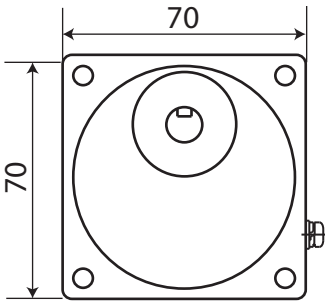


Scan to video

## Replacement

Replacement between conventional models and the World K Series can be easily done.

Here's an example of the comparison between the gear heads, although the product codes are different, the dimension are the same.

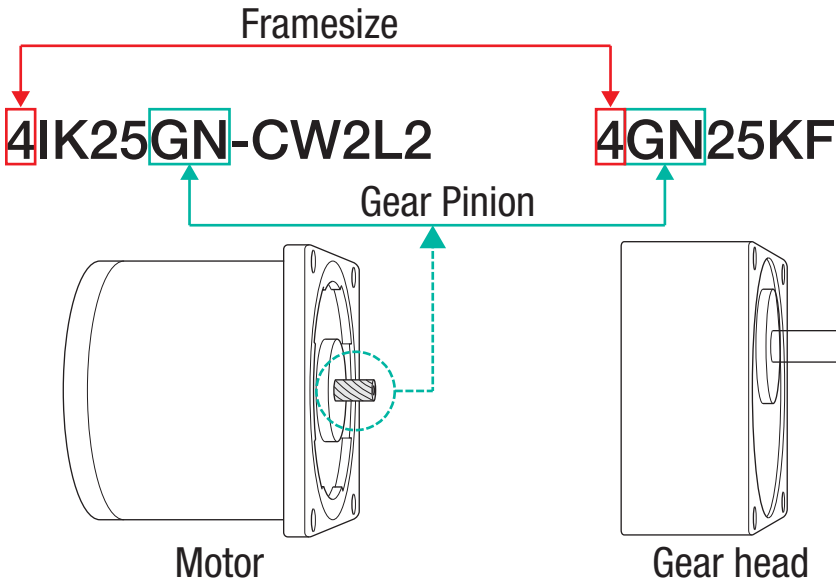
Conventional Model	World K Series	Identical Dimensions
 <ul style="list-style-type: none"> <li>■ Model: 3GN5K or 3GN5S</li> <li>■ Leadtime ~60 Days</li> <li>■ Higher Costs</li> </ul>	  <ul style="list-style-type: none"> <li>■ Model: 3GN5KF</li> <li>■ Leadtime ~5 Days</li> <li>■ Lower Costs</li> </ul>	 <ul style="list-style-type: none"> <li>■ Mounting holes and Frame size are identical</li> </ul>

# Exact Replacement

**Short Lead Time ■ Fast Delivery ■ Good Price**

## Combination Example

Ensure that the frame size and pinion type matches



The framesize is denoted with a number. In this case, "4" represents a **80mm** frame size.

The pinion type is denoted by the letters that follows. A motor and gearhead must both have the matching "GN" type pinions to match.



## Short Leadtime Products

AC Motor products that can be delivered in a short time. Lead time varies depending on quantity requested.

**RoHS** RoHS Directive-Compliant

Product Name [AC Motors]	Output Power [Wattage]	Power Supply Input [Single-Phase]
2IK6GN-CW2L2	6W	220/230 VAC 50/60 Hz
3IK15GN-CW2L2	15W	
4IK25GN-CW2L2	25W	
5IK40GN-CW2L2	40W	
5IK60GE-CW2L2	60W	
5IK90GE-CW2L2	90W	

Gear heads as follows:

Ratio Reduction	Frame sizes				
	60mm	70mm	80mm	90mm	90mm
1:5	2GN5KF	3GN5KF	4GN5KF	5GN5KF	5GE5KBF
1:7.5	2GN7.5KF	3GN7.5KF	4GN7.5KF	5GN7.5KF	5GE7.5KBF
1:12.5	2GN12.5KF	3GN12.5KF	4GN12.5KF	5GN12.5KF	5GE12.5KBF
1:25	2GN25KF	3GN25KF	4GN25KF	5GN25KF	5GE25KBF
1:50	2GN50KF	3GN50KF	4GN50KF	5GN50KF	5GE50KBF
1:75	2GN75KF	3GN75KF	4GN75KF	5GN75KF	5GE75KBF
1:100	2GN100KF	3GN100KF	4GN100KF	5GN100KF	5GE100KBF



We offer a wide range of products. Check out this table to learn what models we have available in stock.

Should you require other models, please scan the QR code or contact us for more information.



Scan for Price and Leadtime

We provide a full range of services to assist our customers, from consideration of a purchase through to aftersales service.



#### Customer Support Centre

Dedicated staff provide answers to various questions and advice regarding selection and usage of a motor, technical problems, etc via E-mail, the phone or Live Chat.



#### Field Service

Dedicated service engineers will visit you when assistance is required on the usage of our products. Please feel free to contact the your nearest sales offices.



#### Inspection and Repair

Oriental Motor offers free inspection services. Feel free to contact us if you have encountered any problems with or damage to Oriental Motor products. If repair is required, we will advise on the applicable charges. Kindly note that free repair is available if products are used in accordance with the warranty conditions.



#### Sizing Selection Service

We provide motor selection services, such as calculation of torque, to assist our customers in selecting the right motor.



#### Technical Seminars / Webinars

Dedicated trainers will go through from the basic motor knowledge to the applied technology and selection of the right motor. In addition, on-site seminars are also available.

You can register for our seminars from our Website.

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