Megatorque Motor™

NSK

Expanding possibilities with high-accuracy connectivity

Driving the next evolution in precision with zero backlash

Features

EtherCAT®

✓ Integrate into new or existing equipment to operate Megatorque Motor™ direct drives via Ethernet connections.

✓ Equipped with high-resolution motor position detector
Enable even higher precision positioning.

Supported Motors

PS Series
 PS1006, PS1012, PS1018
 PS3015, PS3030,
 PS3060, PS3090

PN Series
 PN2012, **PN2025**,
 PN3045, PN4135, **PN4180**
 ***Blue models** scheduled for release

**High Resolution
4,194,304 count/rev**
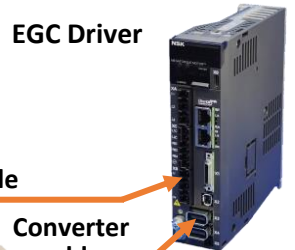
*Current Megatorque Motor system:
 2,621,440 count/rev

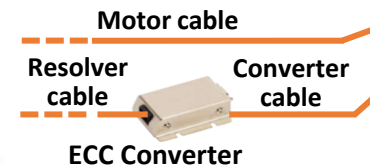**EtherCAT Driver**
Synchronized control of multiple motors

EGC Driver

PS Type

Motor cable

Resolver cable   Converter cable

ECC Converter

PN Type

Same movement at x1.6 diameter

Expanded movement