

MONOCARRIER EXPANSION NEW MCE ELECTRIFIED SERIES COMING JANUARY 2020

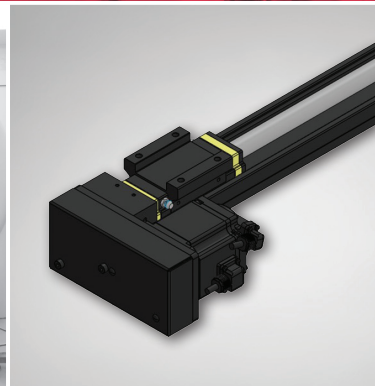
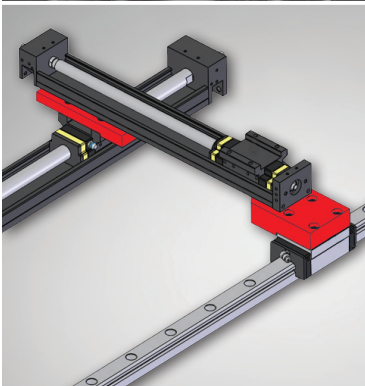
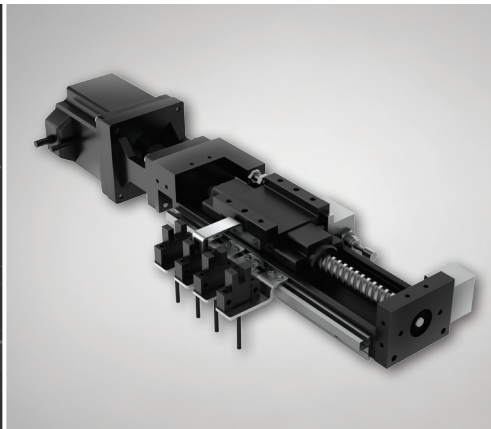
NSK

SANYODENKI

NSK takes the complexity out of the equation and enables more efficient technology development and production.

The new **NSK Electrified Monocarrier linear actuator** was designed for high performance and long life within a small footprint.

- › NSK's new Electrified Monocarrier (MCE) is a compact, pre-assembled, motorized actuator
- › Benefits of MCE:
 - Accelerates product design and manufacturing
 - Frees up resources in engineering, procurement and assembly
 - Combines the best of NSK's US-based mechatronics and manufacturing expertise with Sanyo Denki's motion control technology
 - Combination plates and gantry brackets are also available allowing monocarriers to be combined into any XYZ configuration
- › All-in-one actuator includes:
 - NSK precision ground ball screw
 - NSK linear guide with K1™ lubrication
 - NSK support bearings
 - NSK inline or side wrap motor mount
 - Sanyo Denki Stepper or Servo motor
 - Optional accessories such as covers, sensor kits and sensor rails



www.nskautomation.com/mc

EXPANDED MONOCARRIER QUICK SHIP COMING JANUARY 2020

CURRENT STATE	MONOCARRIER PROGRAM EXPANSION - JANUARY 2020
Motorized assembly only available as a "XY" custom product	MCE Electrified Monocarrier is a standard linear actuator that integrates: <ul style="list-style-type: none"> › MCM 03, 05, 06 › Sanyo Denki stepper or servo motor with connector › Inline and new side mount motor › Coupling › Optional accessories: sensor kit and top or full cover › Pre-assembled unit and accessories packed in 1 box
Limited quick ship selection = 55 PNs <ul style="list-style-type: none"> › MCM03 leads: 1, 2, 10, 12 › MCM05 leads: 5, 10, 20 › MCM06 leads: 5, 10, 20 	Wider portfolio in quick ship = 165 new PNs by January 2020 <ul style="list-style-type: none"> › New stroke lengths (21 PNs), additional leads (42 PNs) for MCM 03/05/06 › Expanded accessories for multi-axis configuration (74 PNs) › Double slider option (28 PNs)
Limited Monocarrier accessories	Expanded Monocarrier accessories including: <ul style="list-style-type: none"> › New side motor wrap kits › Additional inline motor bracket › Expanded combination brackets and gantry plate › Quick Ship for MCM 03, 05, 06 accessories
Lead time varies	Quick Ship = 4-6 weeks across all MCM/MCE 03/05/06 and accessories
Load ratings and fatigue life not based on ISO ratings	<ul style="list-style-type: none"> › 20% average increase in ball screw load rating › 73% increase in ball screw fatigue life
100 pc minimum order quantity for XY projects, max 5 pcs for MCM Quick Ship	<ul style="list-style-type: none"> › No minimum order quantity › Max order quantity for quick ship increased to 15 pcs (per size and lead)

NSK ELECTRIFIED MONOCARRIER (MCE)

OPTIONAL ACCESSORIES

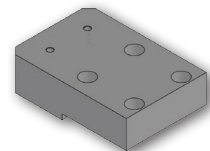
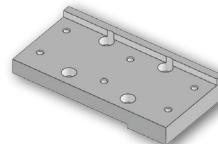
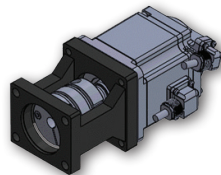
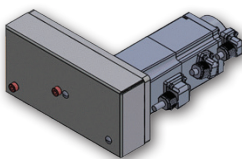


Side Wrap Motor Mount

Inline Motor Bracket

Combination Plate

Gantry Plate



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