



FULLING MOTOR
North America

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FOR IMMEDIATE RELEASE

Fulling Motor North America Expands Frameless Motor Portfolio with New Outer-Rotor Option

Newark, CA – October 2026 – Fulling Motor North America, LLC (FMNA), a U.S.-based company providing motor solutions and technical support to customers throughout North America, is pleased to announce that it has expanded its frameless motor portfolio with the addition of a new outer-rotor option, providing equipment designers with another configuration to consider when developing compact, integrated motion control systems.



Manufactured by Jiangsu Fulling Motor Technology Co., Ltd., the new outer-rotor frameless motor series complements the company's existing frameless motor offerings. The series includes six models, with rotor outside diameters ranging from 49 mm to 135 mm, rated voltages of 24 VDC or 48 VDC, and rated power outputs ranging from 38 W to 1,760 W.

Frameless motors are designed for integration directly into a machine or mechanism rather than operating as standalone motors within conventional housings. By incorporating the stator and rotor into the end product's mechanical structure, designers can reduce packaging requirements and develop more highly integrated motion systems.

The addition of an outer-rotor configuration gives engineers another option when evaluating motor geometry and integration requirements for their applications. The series spans a range of torque and speed characteristics to accommodate differing system requirements.

The six models in the outer-rotor series are:

- **FL49BLW12:** 49 mm rotor outside diameter; 0.3 Nm rated torque; 38 W rated power.
- **FL67BLW12:** 67 mm rotor outside diameter; 0.68 Nm rated torque; 100 W rated power.
- **FL75BLW33:** 75.4 mm rotor outside diameter; 1.4 Nm rated torque; 485 W rated power.
- **FL88BLW18:** 88 mm rotor outside diameter; 2.2 Nm rated torque; 390 W rated power.
- **FL108BLW38:** 108 mm rotor outside diameter; 3.6 Nm rated torque; 565 W rated power.
- **FL135BLW20:** 135 mm rotor outside diameter; 8 Nm rated torque; 1,760 W rated power.
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Depending on the model, the series offers rated speeds from 1,200 to 3,300 RPM and peak torque ratings from 1.1 to 24 Nm. These specifications give design engineers a selection of motor sizes and performance characteristics when matching a motor to the mechanical, electrical and operating requirements of an integrated system.

Fulling's broader frameless motor portfolio serves applications including collaborative and humanoid robotics, industrial automation, medical devices, new-energy vehicles and intelligent logistics. The company also offers customized motor designs to meet specific application requirements.

Founded in 1994, Jiangsu Fulling Motor Technology Co., Ltd. specializes in the development and manufacture of high-precision motors and motion control solutions, including servo motors, frameless motors, joint modules and brushless motors. Its management systems are certified to ISO 9001, IATF 16949 and ISO 14001 standards.

The new outer-rotor option further broadens the available configurations within Fulling's frameless motor line, supporting engineers seeking integrated motor solutions for next-generation equipment and motion control applications.

For more information about Fulling Motor North America's frameless motor portfolio, including the new outer-rotor series, visit www.fullingmotorna.com or www.fullingmotor.com.

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About Fulling Motor North America

Fulling Motor North America, LLC, is a U.S.-based company providing motor solutions and technical support to customers throughout North America. A wholly owned subsidiary of Jiangsu Fulling Motor Technology Co., Ltd., the company offers a broad portfolio of motion control products, including frameless motors, servo motors, brushless DC motors, hybrid stepper motors, joint modules and motor drives. Its products serve a range of industries, including robotics, industrial automation, medical equipment, automotive, logistics and communications. Fulling's quality management systems are certified to ISO 9001, IATF 16949 and ISO 14001 standards. For more information, visit www.fullingmotorna.com.