

Carbon Neutrality

Carbon neutrality is the balance between emissions and absorption of CO₂ and other greenhouse gases.

Oriental Motor has pledged to reduce our carbon emissions by half by 2030 and become carbon-neutral by 2050. We are also dedicated to saving energy and resources anywhere automation is required.

Learn more about our carbon neutrality efforts and how our products can help.

Oriental Motor promotes carbon-neutral solutions with our Brushless Motors and Fans. By consuming less electricity, using a motor that is energy-efficient significantly minimises CO₂ emissions.

The effects of using Brushless Speed Control Motors

Max. instantaneous torque: 1.5X the rated torque

The continuous duty region expands, making it ideal for applications that require high torques in high speed areas. The device's tact time can be shortened by applying the maximum instantaneous torque 1.25 to 1.5

Speed range:

100 to 3000 r/min (Analog setting)

80 to 3000 r/min (Digital setting)

Torque Adjustment

Torque Limiting Function

What is torque limiting? It is a limiting function that suppresses the motor's torque by limiting the current to the motor.

- Adjustment of tightening force, etc.
- Damage prevention (Low Thrust)
- Load factor monitoring is possible

Besides applications such as adjustment of tightening force, it can also be used as a safety measure for pinching deflection and equipment damage prevention. The Max. instantaneous torque range can be set between 0 and 200% by ensuring the rated torque to be 100%.

Synchronized Operation

Speed Stability

Speed Regulation

Speed Setting Method	Driver Type	Analog Setting Type	Digital Setting Type
Analog Setting	---	± 0.5% max.	± 0.2% max.
Digital Setting	---	---	± 0.5% max.
PWM Input Setting	---	---	± 0.5% max.

This is a demo of the Automated Guided Vehicle (AGV) using the BLH series. You can see the synchronization and high level of response.

Video library
<https://www.orientalmotor.co.jp/video/16/>

The BLH Series has been updated with a variety of new Features.

- Speed range 80 to 3000 r/min
- Deceleration stop according to the set time
- Quieter: 13 dB quieter than before
- Set operating data from your computer
- Monitor operating status in real time
- Torque adjustment
- Max. 8 data setting points

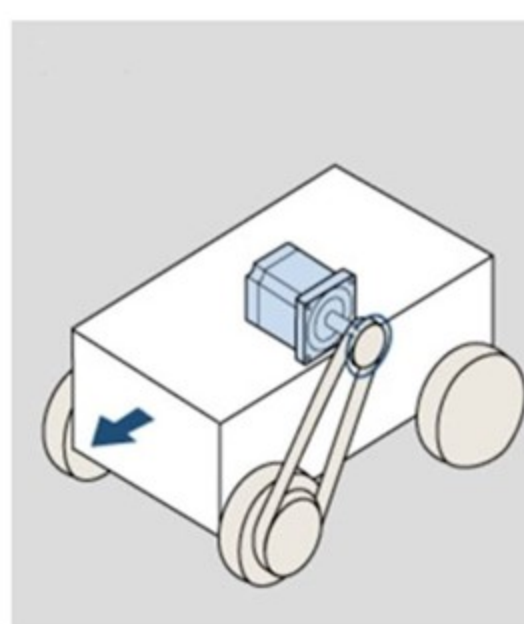
Compact and lightweight

Since these are brushless motors with built-in permanent magnets, they offer high output even though they are compact. Installation is easy, and both equipment weight and space can be reduced.

The DC input type brushless motor BLH series has been updated.

Performance has been increased, while the motor and driver remain the same size.

Using the support software with the digital setting type allows a variety of useful functions to be utilized.



[Try out our Motor Sizing Application!](#)

[Read our Brochure here!](#)

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เพิ่มสินค้าของคุณลงตะกร้าและซื้อโดยตรง
จากเว็บไซต์ของเราวันนี้!

[กดที่นี่](#)

*ข้อกำหนดและเงื่อนไขสามารถใช้งานได้กับสินค้าที่เลือกเท่านั้น