

Orientalmotor

NewMotion


GROWING

YOUR MOTION

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BLH Series: Brushless DC Motor with driver for 24 VDC

Ensuring precise speed control and quiet operation

 up to 13 dB quieter



Flat gearhead type



Parallel Shaft type



Round shaft type



Driver

Applications are subject to **continuous change**; accordingly the motors and drivers have to be **improved steadily**. Benefit from high torque at high speeds in a wide speed range.

Digital setting type

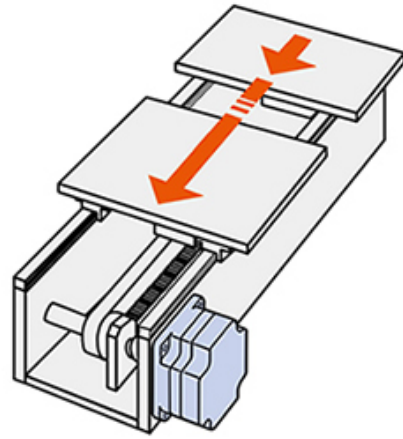
- Easy parameterizing up to **8 motion profiles** with **MEXE02** data setting software
- RS-485 Communication
- Monitor operating status in real time
- **High speed stability** at dynamic loads

Example: Benefiting from BLH Series vector control

and 4 Quadrant Operation

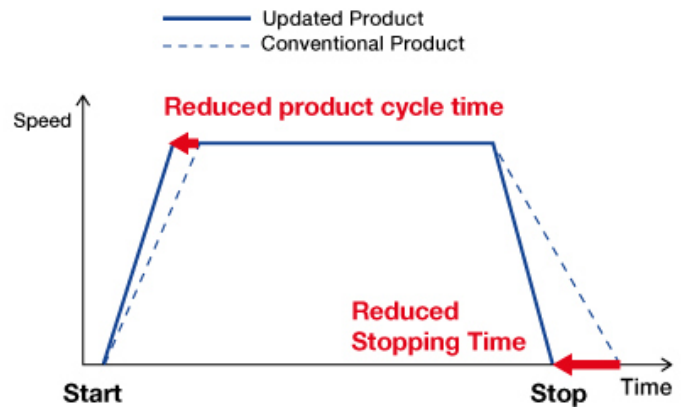
Reduced production cycle time

- Vector control ensures **faster starting** time with increased torque
- **Stop at the set rate** with deceleration stop feature
- **Feed back** recuperative energy optionally



Deceleration Stop

With the digital setting type, a **controlled deceleration** is possible when the deceleration stop has been selected. The motor can be stopped actively at the rate set. This facilitates a **shorter cycle time** compared to a conventional stop function, where the motor comes to a passive stop.



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