

iMotion
MOVING TECHNOLOGY

MOTORS

Brother Gearmotors: iMotion's Newest Line

iMotion is now representing the Brother Gearmotors product line. Brother Gearmotors specializes in high efficiency, highly reliable power transmission components including AC and brushless (BLDC) gear motors and reducers. They support a wide range of industries including food and beverage processing, packaging machinery, material handling technologies and more. iMotion utilizes these products and integrates them with various other product lines to provide engineered solutions that ensure your applications are high quality, efficient and cost effective.

brother
at your side

Brother Gearmotors is one of the world's largest fine-pitch gear manufacturers and meets the industry demand for smaller, lighter, reliable and energy-efficient power transmission components.



What Sets Brother Gearmotors Apart?

Quality

- Control over all major manufacturing processes and manufacturer of our own motors, housing, gearing and shafts
- High-quality paint assures water-tight and chemically resistant units
- High-grade grease, sealed for life and available with H1 Food-Grade grease for incidental contact with food

Responsiveness

- Faster deliveries with 3-5-day average lead time on orders
- Dedicated, US hub for enhanced support with emergency same day or 24-hour service available

Ease of Doing Business

- Enhanced convenience with CAD DXF, PDF, and 3D Models available on BrotherGearmotors.com
- Integrated fields of global support, from engineering and manufacturing to sales and customer service

Product Features and Flexibility

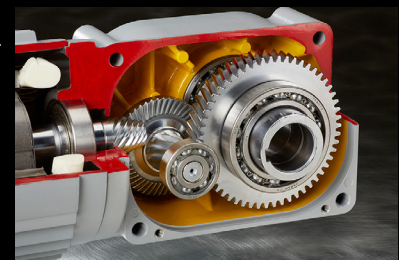
- Compact and light weight in size
- Multiple standard specifications, options and mounting positions



The Evolution of Efficiency

Brother's ie3 premium efficiency gear motors cost less to operate and demonstrate clear benefits when running for long periods of time when compared to ie1 standard efficiency gear

motors. Brother high efficiency gearmotors feature hypoid gearing technology that can maintain efficiency above 90% throughout the motor's wide speed range. Compared to commonly used worm gears efficiency of 49% to 90% efficiency – Brother's ie3 premium efficiency gearmotors can result in massive energy savings. Brother Gearmotors have a wide speed range that does not suffer in efficiency from the motor or gearbox. Brother Gearmotors can be mounted in any direction because they are grease filled.



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