



*Designed for reliability. Built for endurance.*

## ie3 GEARMOTORS FOR MATERIAL HANDLING



### Specialty-engineered ie3 models designed for maximum efficiency and performance

- **Helps eliminate costly downtime:** All gearmotors come with a high-grade grease standard, which effectively lubricates the gearmotors for life and eliminates costly downtime for lubrication changes.
- **Helps increase operational efficiencies and reduce maintenance and labor:** Brother Gearmotors are compact in size and are sealed for life.
- **Built to withstand the harshest environments:** Permanently sealed motors with electrostatic application of high-quality paint assure consistently tough, water-tight, chemically-resistant units which can handle difficult operating conditions.
- **Outperforms chain and sprocket drives:** Simpler, safer operation with fewer wear parts, less maintenance requirements and better overall efficiency.
- **Get customized configurations:** Brother Gearmotors have multiple standard specifications, options and mounting positions to ensure compatibility.

Special designs are our standard. Learn more about the Brother Conveyor Series of Premium Efficiency Gearmotors, visit [BrotherGearmotors.com](http://BrotherGearmotors.com)

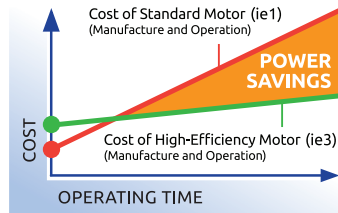
**brother**  
at your side

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[BrotherGearmotors.com](http://BrotherGearmotors.com)



# Brother ie3 Gearmotors for the Material Handling Industry

## Benefits of using Premium Efficiency ie3 when compared to Standard ie1 motor



- Helps improve overall plant efficiency by reducing energy costs
- Helps increase ROI and long term savings
- Minimizes maintenance and helps improve overall operations
- Increases flexibility due to the wide speed range (stock reduction)
- Produces less noise and runs cooler with less mechanical stresses
- Environmentally friendly - RoHS compliant

## Material Handling Series Overview

<p><b>G3 Inline</b></p> <ul style="list-style-type: none"> <li>• 3 Phase – 1-3 HP</li> <li>• Ratios: 5:1~450:1</li> </ul>	<ul style="list-style-type: none"> <li>• Gearmotors, Gearmotors with Brakes</li> <li>• Washdown (IP65) Gearmotors, Gearmotors with Brakes</li> <li>• Manual Release Brake</li> </ul>	
<p><b>H2 Right Angle</b></p> <ul style="list-style-type: none"> <li>• 3 Phase – 1-3 HP</li> <li>• Ratios: 5:1 ~ 450:1</li> </ul>	<ul style="list-style-type: none"> <li>• Gearmotors, Gearmotors with Brakes</li> <li>• Washdown (IP65) Gearmotors, Gearmotors with Brakes</li> <li>• Manual Release Brake</li> </ul>	
<p><b>F3 Hollow Bore</b></p> <ul style="list-style-type: none"> <li>• 3 Phase – 1-3 HP</li> <li>• Ratios: 5:1 ~ 300:1</li> </ul>	<ul style="list-style-type: none"> <li>• Gearmotors, Gearmotors with Brakes</li> <li>• Washdown (IP65) Gearmotors, Gearmotors with Brakes</li> <li>• Manual Release Brake</li> </ul>	

Replacing chain & sprocket gearmotors with Brother direct drive ie3 gearmotors will help your material handling line become more efficient and productive.

- Streamline Design
- Easy to Mount
- Less Maintenance
- Easy to Clean



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