

# Go really green.



Get faster ROI and long-term savings with  
Brother's **ie3** Premium Efficiency Gearmotors.\*

Take advantage of Brother's ie3 Premium Efficiency Gearmotors...and turn your competition green with envy.

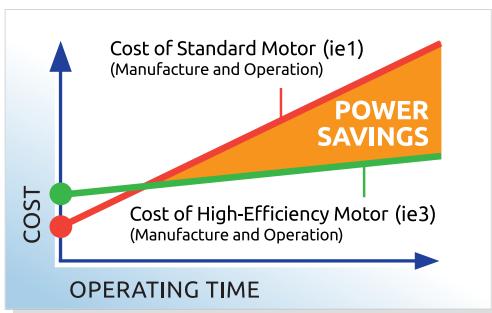
**brother**  
at your side

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



\* Compared to standard ie1 gearmotors

**Brother ie3 premium efficiency motors** cost less to operate and demonstrate clear benefits when running long periods of time (when compared to ie1 standard efficiency gearmotors).



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

- Improves overall plant efficiency by reducing energy costs
- Increases ROI and long term savings
- Minimizes maintenance and improves 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

### The trend toward Higher-Efficiency Regulations

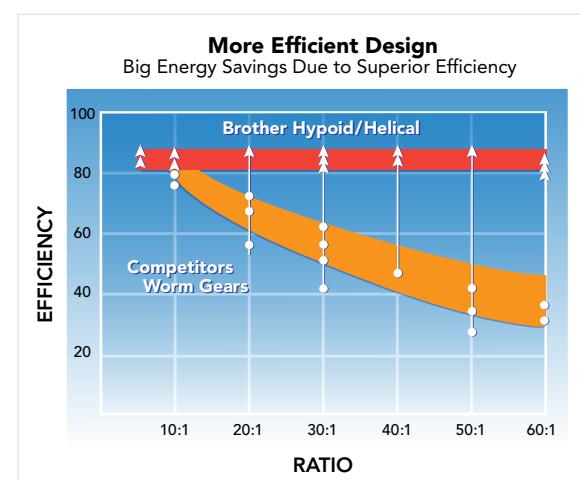
#### What makes Brother Gearmotors better?

Brother high efficiency gearmotors feature Hypoid gearing technology that can maintain efficiency above 85% throughout the motor's wide speed range. Compared to commonly used worm gears' lower efficiency, this can result in massive energy savings. Lower cost to operate – applications running for long periods will demonstrate clear benefits.

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 sealed for life with grease.

Brother Gearmotors have been made to withstand harsh environments. Available IP-65 ratings allow these gearmotors to be cleaned with cleansers for sanitation without affecting the motors' performance.

Brother Gearmotors also feature an acrylic Electrocoat paint that provides total coverage of the gearmotor. Similar to how the frames of cars are painted, each individual outer facing part is completely dipped in electrically charged paint. This offers complete coverage of the outer body which prevents cleaners from penetrating and chipping paint. This acrylic paint also has a higher level of hardness which will avoid scratches and scrapes from chipping the paint. Lastly, the paint is FDA approved to have incidental food contact specifications.



Gearbox Efficiency Comparison - Right-Angle Hypoid/Helical vs. Worm Gear.



#### Stay Compliant in 2016

Let our team help keep you ahead of upcoming IE3 efficiency government regulation requirements.

Contact your Brother Gearmotor representative today: 866-523-6283 • [gearmotors@brother.com](mailto:gearmotors@brother.com).

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Call 866.523.6283 to learn more.