

# Who says you need a brush to create a masterpiece?



## Brother Brushless DC Motors... redefining the art of efficiency.

- Virtually maintenance free; lubricated and sealed for life
- Extremely configurable; several shaft configurations and custom options available
- Highly efficient with quiet helical and hypoid gearing
- Very safe 12-48VDC motors with a wide speed control range

**brother**  
at your side

866.523.6283

BrotherGearmotors.com

Call us today for a sample gearmotor to try out.

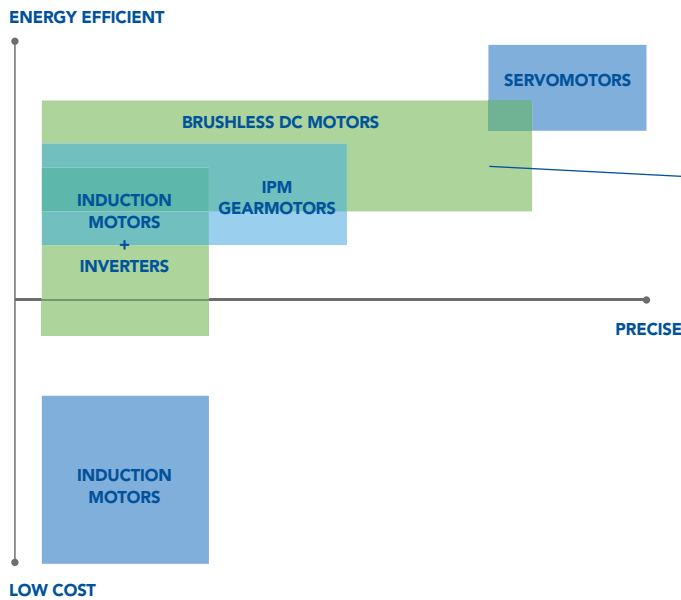


# Why Brother Brushless DC Gearmotors?

Brother's portfolio of brushless DC gearmotors are ideal for environments requiring virtually maintenance-free operation and accurate control over a wide speed range. They are also desirable for settings where brush dust contamination is to be avoided or brush contact arcing could affect electronically sensitive equipment. Brother Gearmotors are high quality and durable with an e-coat finish to withstand the toughest environments.



## Brother Brushless DC Motor Positioning



## Brother Brushless DC Motors

- Light, reliable and compact in size
- Wide power range, with 50, 100, 200 and 400 Watt versions available
- Sealed for life with standard high-grade grease for lifetime lubrication and reduced maintenance/downtime
- High-quality, durable, e-coat finish to withstand the toughest environments
- Right angle units are significantly more efficient than worm gearboxes as a result of unique hardened hypoid gear geometry and processing

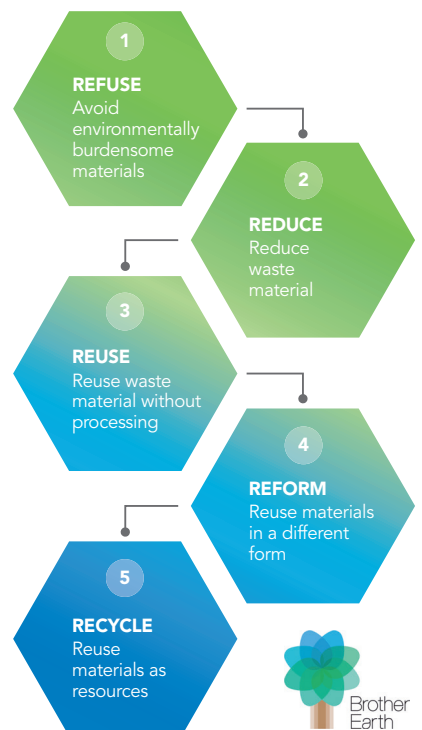
## OUR POWER. OUR PLANET. OUR PROMISE.

Since 1999, the Brother Group has been conducting environmental activities based on the 5Rs of sustainability.

### Brushless DC vs AC Induction Motors

- Brushless DC motors can generate full torque at a zero speed
- Brushless DC motors are usually smaller for any given power level
- Brushless DC motors are high efficiency
- Brushless DC offers more precise control of torque and speed
- Brushless DC motors have better control of acceleration and deceleration

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