

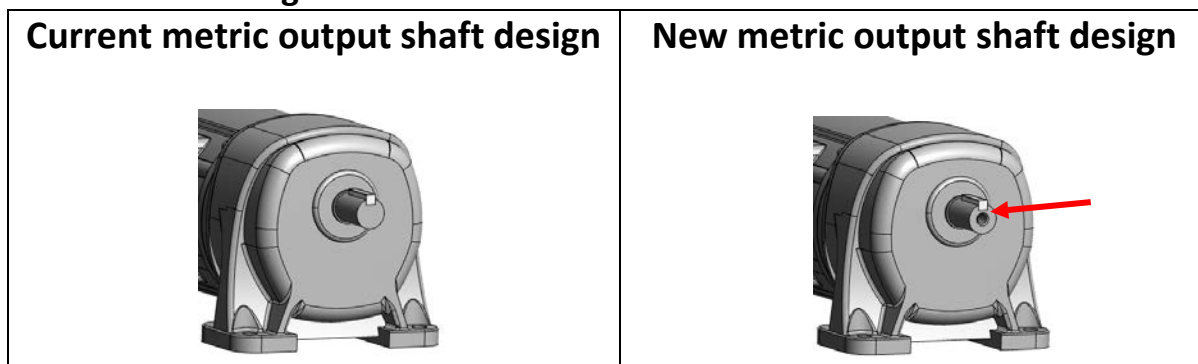
September 2018

Dear Valued Customer:

The Brother Gearmotor team would like to thank you for being a loyal and valued customer. Our primary goal is to provide you with the best quality customer service and products. We are continuously working on ways to improve our products.

As a result, we made an enhancement to specific types of parallel shaft gearmotors by standardizing a center-tapped hole on metric output shafts. This specifically affects units produced in Japan such as brushless DC and IPM gearmotors, as well as AC induction motors with a metric output shaft. All output shafts that are dimensioned in inches will not be affected by this change. This change provides more flexibility when mounting accessories to the shaft and will not affect the mounting or housing dimensions.

Illustration of Changes



Effective Dates and Detail of Changes

Shaft Diameter (Frame No.)	Size × Pitch × Depth	Effective Date
18	M6×1.0×15ℓ	On or about Dec 2018*
22	M8×1.25×20ℓ	
28	M8×1.25×20ℓ	
32	M10×1.5×25ℓ	
40	M10×1.5×25ℓ	
50	M12×1.75×30ℓ	

* May be implemented sooner for certain models based on parts inventory.



Product Enhancement Gearmotor Division

AC INDUCTION MOTORS – Frame Number 22~40

- **Models:** GL, GF, and GK Parallel Shaft
- **Ratio:** 1/300~1/1800

AC INDUCTION MOTORS – Frame Number 18~50

- **Models:** G3L, G3F, and G3K Parallel Shaft
- **Ratio:** 1/5~1/1200
- **No Change to the following:** Water Resistant Type in Stainless Steel

IPM (INTERIOR PERMANENT MAGNET) GEARMOTORS

- **Models:** G3 Parallel Shaft
- **Ratio:** 1/5~1/1200
- **Power:** 0.1kW (1/8 HP)~2.2k (3 HP)

BRUSHLESS DC GEARMOTORS

- **Models:** VG Parallel Shaft
- **Ratio:** 1/5~1/200
- **Power:** 50W~400W
- **No Change to the following:** 50W Frame No.12; 0.1kW (1/8 HP) Frame No.15

We look forward to a long-term partnership with our customers and we welcome your feedback. If you have questions about this product enhancement, please contact us at 866-523-6283 or by email at GearmotorTechnical@Brother.com or Gearmotors@Brother.com.

Don't forget to visit our product configurator for the most up-to-date product information: <https://www.brother-usa.com/business/gearmotors-and-reducers/product-configurator>.

Thank you,

Brother International Corporation
Gearmotor Division
866-523-6283
Email: gearmotors@brother.com