

**Mabuchi started selling GA-558RN/LN, a motor for power windows.**

~Mabuchi continuously pursues both design of a smaller and lighter motor and a lower motor price, and focuses on positive motor sales expansion for growing markets~

Mabuchi Motor Co., Ltd. (the head office located in: Matsudo City in Chiba Prefecture; president: Shinji Kamei) started mass production of a new motor for power windows.

Pursuing both design for a smaller and lighter motor and lower motor price, which are Mabuchi's traditional advantages, the product is able to deal with countermeasures against electrical noises, which are indispensable for normal operations of in-car electronic devices, and an anti-pinch function.

Mabuchi continuously aims to increase our lineup of motors for power windows, which precisely meet customers' needs, and to positively expand their sales for growing markets.

**■Features of the product**

1. Materialized the smaller and lighter motor by adopting a gear unit with high reduction ratio.
2. Adopted a self-locking mechanism <sup>※1</sup> utilizing a worm gear.
3. Able to meet both cable-type and arm-type regulators. <sup>※2</sup>

※1 Self-locking mechanism: a mechanism to prevent door window glass from being pressed down due to force from the outside of a vehicle  
 ※2 Regulator: an elevating mechanism for power windows (There are two types of regulators, namely, cable-type and arm-type regulators.)

**■Pictures of the product**



Plastic output shaft type (for cable-type regulator)



Metallic output shaft type (for arm-type regulator)

**■Outline of the product**

Application	Power windows
Regulator type	Waterproof cable type, and waterproof arm type
Stall torque	7.4N·m through 10.2N·m
Weight	Cable type: approximately 415g, arm type: approximately 430g
Output shaft shape	Cable type: 32t or 8t, arm type: 7t or 8t (t = number of gear teeth)
Supported options	Able to deal with EMC(CISPR 25 Class3), and pulse is available.

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