

May 2025

To whom it may concern:

Notification: Linear actuator Motor upgrade

Thank you very much for your ongoing patronage of Tsubaki products and services.

We would like to inform you of the motor upgrade for some of linear actuators as follows.

We appreciate your understanding and cooperation during the initial transition period of this upgrade.

1. Applicable products

Products equipped with 1.5kW and 2.2kW motors.

product	Model number ^{※1} (-TK is MTO product)	Motor used
Lift Master	LMEB0500U__G	Hypoid motor TR Series HMTR150/HMTR220
	LMEB1000H__G	
	LMEB1000U__G	
	LMEB0500U__G-TK	Hypoid motor TR Series HMTR150/HMTR220
	LMEB1000H__G-TK	
	LMEB1000U__G-TK	
Zip Master	ZME__G____-TK	Hypoid motor TR Series HMTR150/HMTR220
Zip Chain Lifter	ZSL1000S__G__-TK	Hypoid motor TR Series HMTR150/HMTR220
	ZCL__G____-TK	
Linipower Jack	JW____X____-TK	Gear motor TR Series GMTR150/GMTR220 Hypoid motor TR Series HMTR150/HMTR220
Power Cylinder	LPU_____-TK	Flange motor with brake ^{※2} Gear motor TR Series GMTR150/GMTR220
	LPT_____-TK	

※1 Models other than those listed above may also be subject to change. Please refer to the appendix for details on how to identify the applicable models.

※2 As it is difficult to identify the applicable power cylinders, the person in charge at Inside Sales will contact you directly if there are anything applicable.

2. Changes

- External dimension of motor (Refer to the appendix for the details)
 - Heat-resistance class is upgraded to F (155°C)
- Thrust, speed and stroke remain unchanged.

3. Date effective:

From the order placed on October 01, 2025

Should you have questions, please do not hesitate to contact us.

Best regards,

Masahiro Iwata
Manager, Marketing Department
Power Transmission Operations

Appendix

How to identify the motor upgrade models

The models with the model number shown in the table on the right under “TYPE” on the motor nameplate in Figure 1 are subject to change.

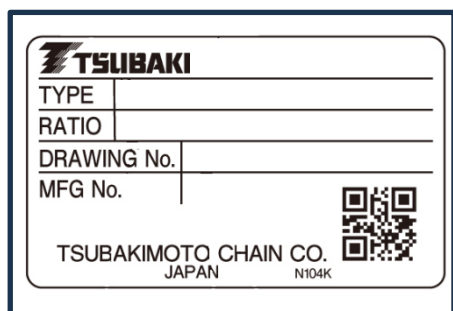
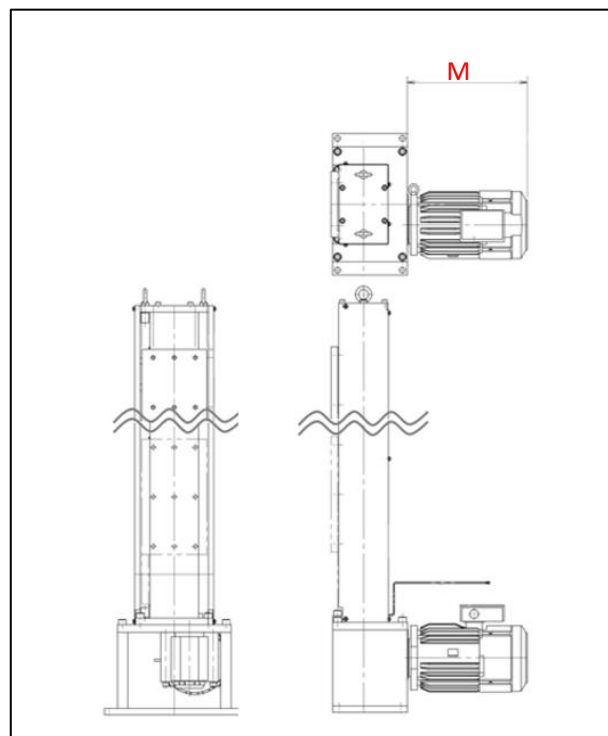


Figure 1

	Gear motor TR Series Hypoid motor TR Series
Check point	Motor nameplate (on the gear case)
Model number	GMTR150 or GMTR 220 HMTR150 or HMTR220

➤ Lift Master Dimension change

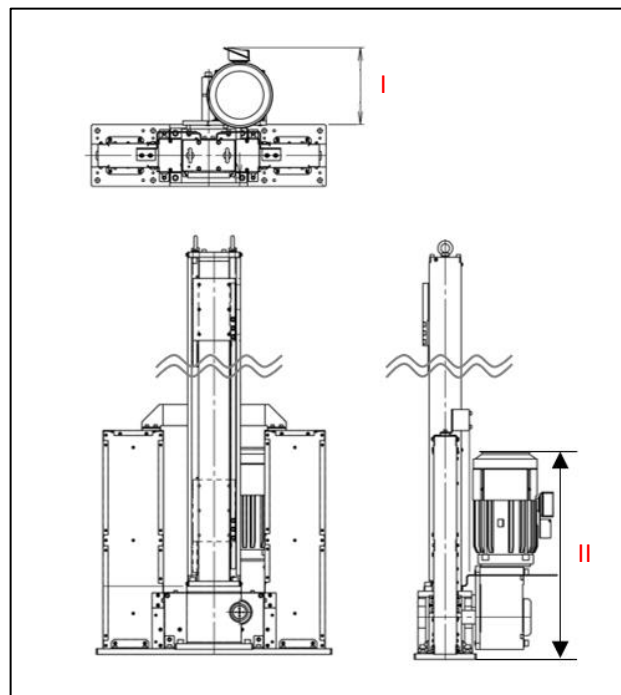
Model number	Motor Capacity	mm	
		M	
		Old	New
LMEB0500U_G	1.5kW	330	325.5
LMEB1000H_G	1.5kW	330	325.5
LMEB1000U_G	2.2kW	369	375.5



➤ Zip Master Dimension change (from old specifications)

mm

Motor Capacity	I	II
	Length from the floor surface to the end face of brake	Length from motor mounting surface to end face of terminal box
1.5kW	-4.5	+7
2.2kW	+6.5	-6



➤ Linipower Jack Dimension change

mm

Motor capacity	B		ϕD		H	
	Old	New	Old	New	Old	New
1.5kW	488	483.5	202	216	148	155
2.2kW	475.5	482	226	216	161	155

