

June 2024

To whom it may concern,

Notification: Power Cylinder Mini series Change of motor specifications

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

We would like to inform you of the change of motor specifications for Power Cylinder. Due to our supplier's discontinuation of motor production, we will be transitioning to a different motor model as below.

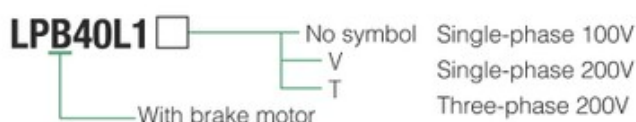
I. Applicable products:

Power Cylinder Mini series

Motor specifications (Motor option symbol)		Mini Series		
		LP10H Thrust: 98.0N{10kgf}	LP20M Thrust: 196N{20kgf}	LP40L Thrust: 392N{40kgf}
①	Single-phase 100V (without brake motor)	LP10H □	LP20M□	LP40L□
②	Single-phase 200V (V)	LP10H □V	LP20M□V	LP40L□V
③	Three-phase 200V (T)	LP10H □T	LP20M□T	LP40L□T
④	Single-phase 100V with brake motor (B)	LPB10H □	LPB20M□	LPB40L□
⑤	Single-phase 200V with brake motor (B,V)	LPB10H □V	LPB20M□V	LPB40L□V
⑥	Three-phase 200V with brake motor(B,T)	LPB10H □T	LPB20M□T	LPB40L□T

Model no. example

Motor option symbol designation



- II. Details of change *There are no changes on the features of the Power Cylinder (thrust, speed and stroke) and model number.

The changes are as follows and will differ depending on the motor specifications listed above.

	① Single-phase 100V ② Single-phase 200V	④ ・ ⑤ Single-phase 100V/200V (with brake motor) ③ ・ ⑤ Three-phase 200V(with and without brake motor)
Motor manufacturer	Panasonic → Orientalmotor	No change with Orientalmotor
Output	20W→25W	No change at 25W
Current	Changed as per supplemental material	Changed as per supplemental material
External dimensions	Length and diameter of the motor will be changed. (Refer supplemental material)	Motor will be changed to motor with protective earth terminal. (Refer supplemental material)

III. The date applicable

- Changes will be made immediately:
 ③ Three-phase 200V, ④ Single-phase 100V (with brake motor),
 ⑥ Three-phase 200V (with brake motor)
- As soon as the stock of the previous model run out:
 ① Single-phase 100V, ② Single-phase 200V, ⑤ Single-phase 200V (with brake motor)
 ※Please contact CS for the changes of the motor upon placing order.

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

Best Regards,
 Masahiro Iwata
 Manager, Marketing Department
 Power Transmission Operations

Appendix

➤ Features of Previous/ New motor (— : Changed)

Motor specifications		Output (W)		Current (A)				Insulation		Condenser capacity (μF)	
		Pre.	New	Previous		New		Pre.	New	Pre.	New
				50Hz	60Hz	50Hz	60Hz				
①	Single-phase 100V	20	25	0.61	0.59	0.59	0.69	E	B	10	10
②	Single-phase 200V	20	25	0.30	0.30	0.32	0.40	E	B	2.5	3.0
③	Three-phase 200V	25	25	0.25	0.25	0.23	0.21	E	B	—	—
④	Single-phase 100V with brake motor	25	25	0.80	0.80	0.55	0.64	E	B	10	10
⑤	Single-phase 200V with brake motor	25	25	0.40	0.40	0.27	0.34	E	B	2.5	2.5
⑥	Three-phase 200V with brake motor	25	25	0.25	0.25	0.23	0.21	E	B	—	—

➤ External dimensions

①・② Single-phase 100V/200V (without brake motor)	
Previous specifications	New specifications
<p>Motor length : 75mm Motor height : 82mm</p>	<p>Motor length : 85mm Motor height : 79mm</p>

④・⑤ Single-phase 100V/200V (with brake motor) ③・⑥ Three-phase 200V (with and without brake motor)	
Previous Specifications	New specifications
Without protective earth terminal.	<p>■ Single-phase 100・200V(with brake motor), Three-phase 200V with brake motor</p> <p>protective earth terminal M4</p> <p>protective earth terminal M4 Protrusion height 5mm</p>
Without protective earth terminal.	<p>■ Three-phase 200V without brake motor</p> <p>protective earth terminal M4</p> <p>protective earth terminal protective earth terminal. M4 Protrusion height 5mm</p>