

Brushless Motors/AC Speed Control Motors

Accessories

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Accessories

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BX	
BLF	
AC Input	
BLE	
BLU	
DC Input	
BLH	
BLV	
BHF	
AC Speed Control Motors	
FE100/ FE200	
ES01/ ES02	
US	
Accessories	
Installation	

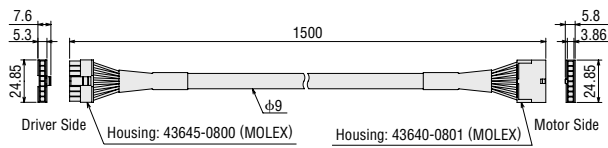
Accessories (Sold Separately)

Extension Cables (RoHS)

These cables are used to connect motor and driver. The maximum extension length is 2 meters.

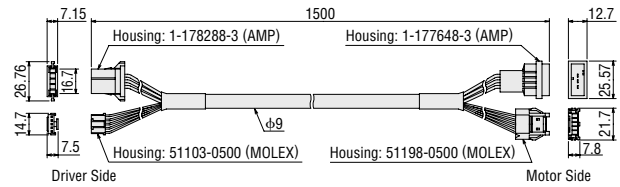
For 15W / 30W / 50W

CC02BLH (1.5 m)



For 100W

CC02AXH2 (1.5 m)



External Potentiometer (RoHS)

Motor speed can be set at a location away from the driver using an external potentiometer.

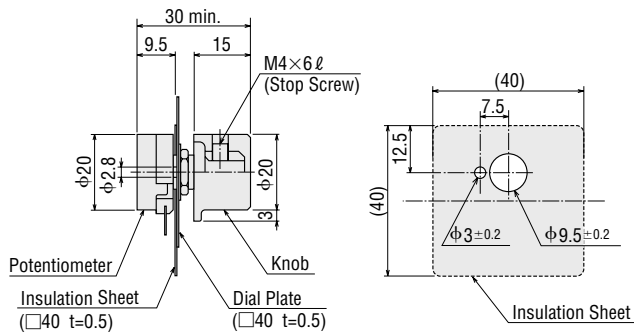
Model **PAVR-20KZ**

(20 kΩ, 1/4 W, with a linear resistance vs. angle curve)



Dimensions (Unit = mm)

Mass: 20 g



Recommended thickness of a mounting plate is maximum 4.5 mm.

Flexible Couplings (RoHS)

These products are the clamping type couplings to connect between the shaft of motor/gearhead and the shaft of the equipment to be connected. Couplings come with shaft holes and have standardized combinations for different diameter shaft holes.



Applicable Product	Shaft Diameter (mm)	Type of Load	Coupling Type
BLH015K-□	φ6	Regular Load	MCL20
		Shock Load	
BLH015K-A	φ6	Regular Load	MCL20
		Shock Load	
BLH230KC-□	φ10	Regular Load	MCL30
		Shock Load	
BLH230KC-A	φ8	Regular Load	MCL20
		Shock Load	
BLH450KC-□	φ15	Regular Load	MCL40
		Shock Load	
BLH450KC-A	φ10	Regular Load	MCL30
		Shock Load	
BLH5100KC-□	φ18	Regular Load	MCL55
		Shock Load	
BLH5100KC-A	φ12	Regular Load	MCL30
		Shock Load	

● Enter the gear ratio in the box (□) within the model name.

● Choose from a range of flexible couplings with various shaft hole diameters. These couplings can also be used with round-shaft motors having the corresponding shaft diameter.

● Motor/Gearhead Mounting Brackets (RoHS)

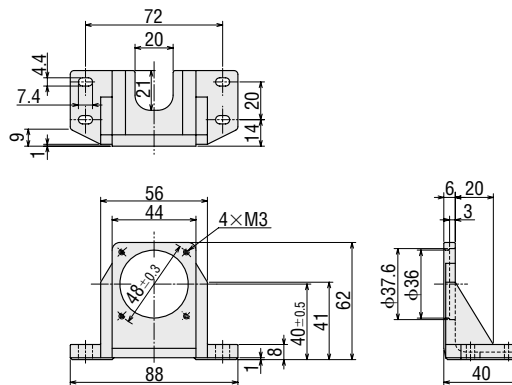
High-strength installation fittings are available for handling high-output motors and gearheads.



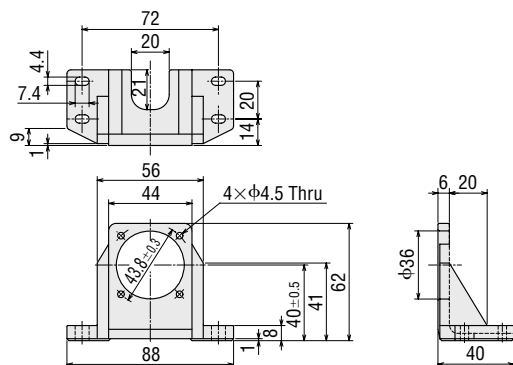
Model	Applicable Product
SOL0B	BLH015K-□
SOL0M3	BLH015K-A
SOL2M4	BLH230KC-□ BLH230KC-A
SOL4M6	BLH450KC-□ BLH450KC-A
SOL5M8	BLH5100KC-□ BLH5100KC-A

- Enter the gear ratio in the box (□) within the model name.
- These brackets come with tapped holes. To mount the motor and gearhead, simply fasten with the screws provided to the gearhead. To mount the motor alone, mounting screws must be provided separately.
- Please note that these mounting brackets cannot be used with hollow shaft flat gearheads.

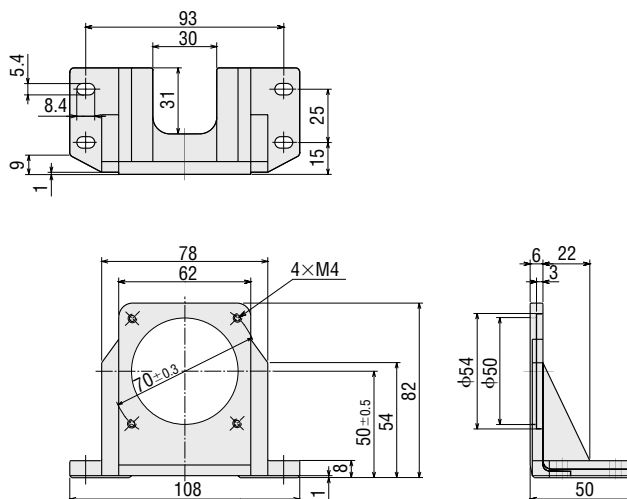
Model: **SOL0M3**
Mass: 85 g Material: Aluminum



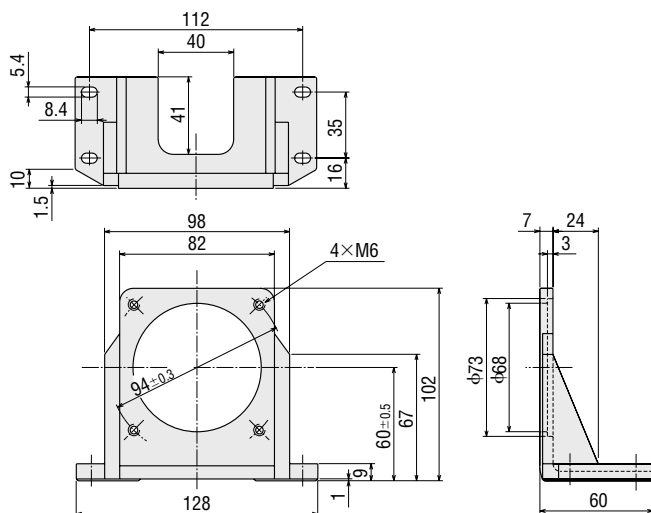
Model: **SOL0B**
Mass: 85 g Material: Aluminum



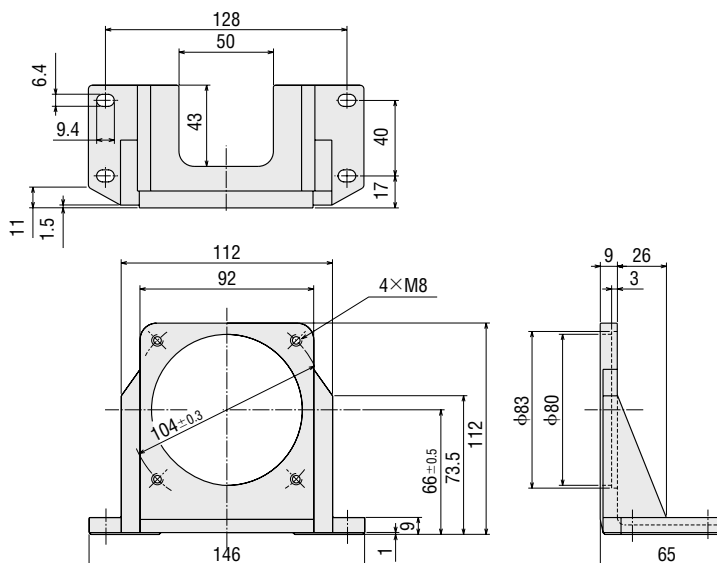
Model: **SOL2M4**
Mass: 135 g Material: Aluminum



Model: **SOL4M6**
Mass: 210 g Material: Aluminum



Model: **SOL5M8**
Mass: 270 g Material: Aluminum



Oriental Motor's Brushless DC Motor and Driver Packages

Meeting All Your Motion Control Needs

Built-In Digital Operator

Brushless DC Motor and Driver Package

BLF Series

This unit combines a brushless DC motor with a maximum speed of 4000 r/min with a driver offering built-in digital setting/display functions.



- Output: 30 to 120 W
- Speed Control Range: 80 to 4000 r/min

Easy-Wiring, Easy-Operation

Brushless DC Motor and Driver Package

BLU Series

An easy-wiring, easy-operation unit combining a brushless DC motor with a panel-installation type driver.



- Output: 20 to 90 W
- Speed Control Range: 100 to 2000 r/min

This product is manufactured at a plant certified with the international standards **ISO 9001** (for quality assurance) and **ISO 14001** (for systems of environmental management).

Orientalmotor

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