

AK/AK-B Series

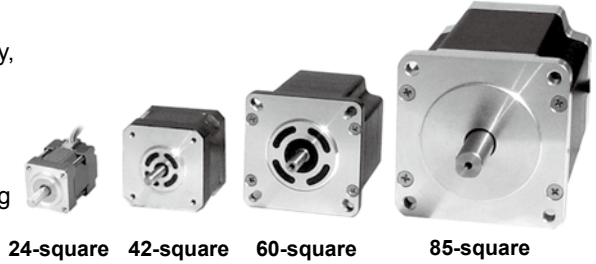
5-Phase Stepper motor

24mm/ 42mm/ 60mm/ 85mm Shaft type

42mm/ 60mm/ 85mm Shaft type+Brake built-in type

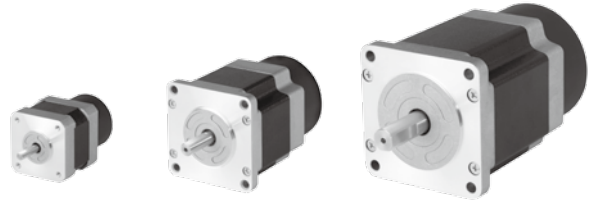
Features

- Compact design and light weight with high accuracy, speed and torque
- Suitable for small-sized equipment applications
- Brake 60mm, 85mm of shaft type for compact equipment (AK-B Series)
- Brake force is released(AK-B Series) when applying power on brake wire. (24VDC non-polar type)
- Cost-effective



24-square 42-square 60-square 85-square

Please read "Caution for your safety" in operation manual before using.



42-square Brake built-in type 60-square Brake built-in type 85-square Brake built-in type

- (A) Photo electric sensor
- (B) Fiber optic sensor
- (C) Door/Area sensor
- (D) Proximity sensor
- (E) Pressure sensor
- (F) Rotary encoder
- (G) Connector/Socket
- (H) Temp. controller
- (I) SSR/ Power controller

(J) Counter

(K) Timer

(L) Panel meter

(M) Tacho/ Speed/ Pulse meter

(N) Display unit

(O) Sensor controller

(P) Switching mode power supply

(Q) Stepper motor & Driver&Controller

(R) Graphic/ Logic panel

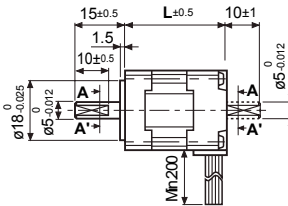
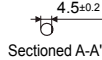
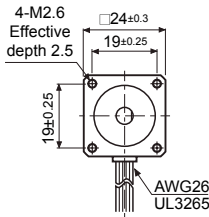
(S) Field network device

(T) Software

(U) Other

Dimensions

24-square

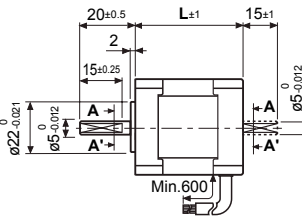
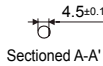
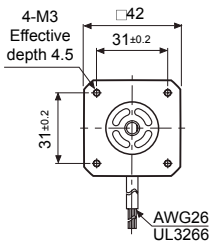


(unit: mm)

MODEL	L
02K-S523(W)	30.5
04K-S525(W)	46.5

※These dimensions are for dual shaft models. For single shaft models, ignore dotted line(.....) part.

42-square

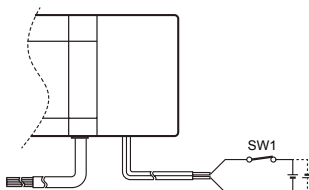


(unit: mm)

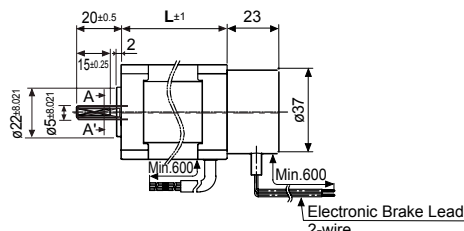
MODEL	L
A1K-S543(W)-[B]	33
A2K-42[44(W)-[B]	39
A3K-S545(W)-[B]	47

※These dimensions are for dual shaft models. For single shaft models, ignore dotted line(.....) part.

<Shaft type>



- ※Brake is non-polar "B" type. Be sure to observe rated excitation voltage (24VDC).
- ※SW1 ON=Brake release / SW1 OFF=Brake execute

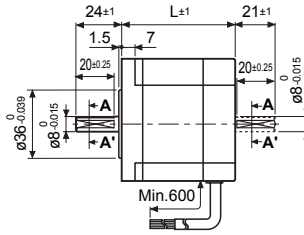
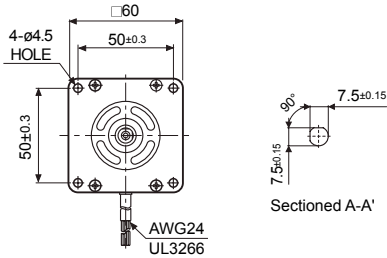


<Brake built-in type>

AK/AK-B Series

■ Dimensions

◎ 60-square



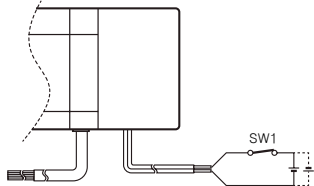
<Shaft type>

(unit: mm)

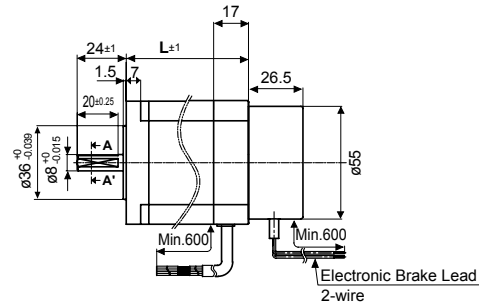
MODEL	L
A4K-□564(W)-□B	48.5
A8K-□566(W)-□B	59.5
A16K-□569(W)-□B	89

※ These dimensions are for dual shaft models. For single shaft models, ignore dotted line(.....) part.

※ For flexible coupling(ERB Series) information, refer to F-70 page.

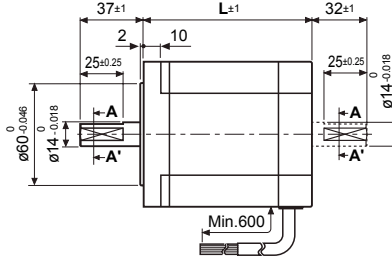
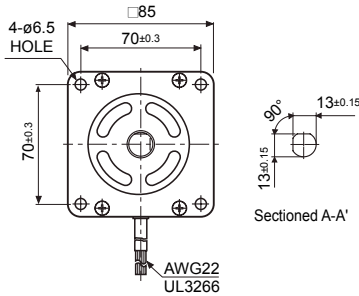


※ Brake is non-polar "B" type.
Be sure to observe rated excitation voltage (24VDC).
※ SW1 ON-Brake release / SW1 OFF-Brake execute



<Brake built-in type>

◎ 85-square

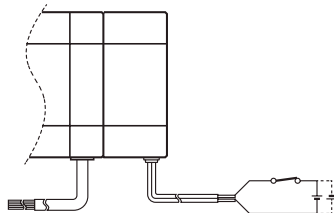


<Shaft type>

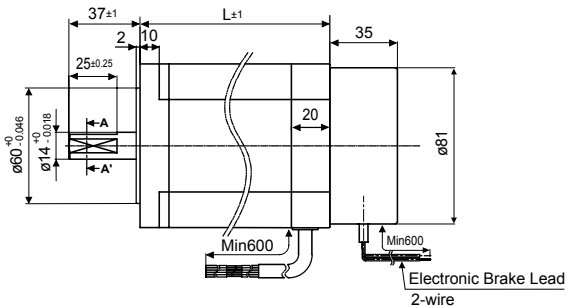
(unit: mm)

MODEL	L
A21K-□596(W)-□B	68
A41K-□599(W)-□B	98
A63K-□5913(W)-□B	128

※ These dimensions are for dual shaft models. For single shaft models, ignore dotted line(.....) part.



※ Brake is non-polar "B" type.
Be sure to observe rated excitation voltage (24VDC).
※ SW1 ON-Brake release / SW1 OFF-Brake execute

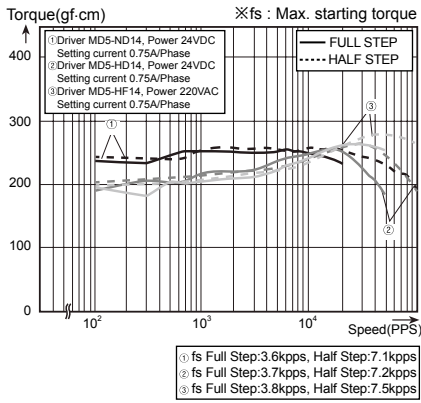


<Brake built-in type>

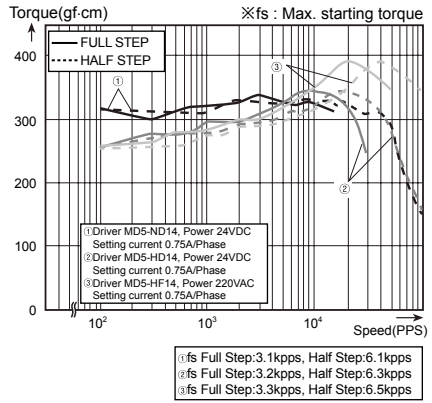
5-Phase Stepper motor

Characteristic

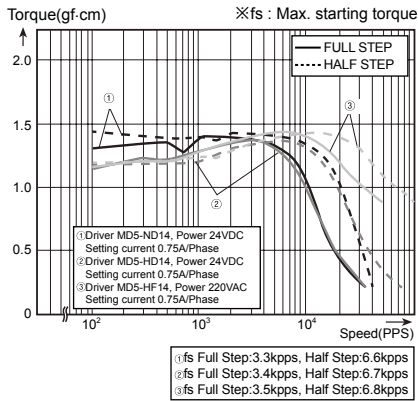
02K-S523



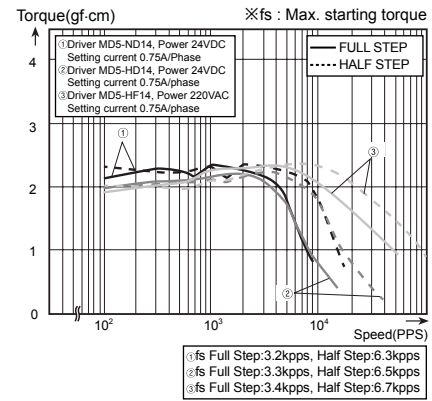
04K-S525



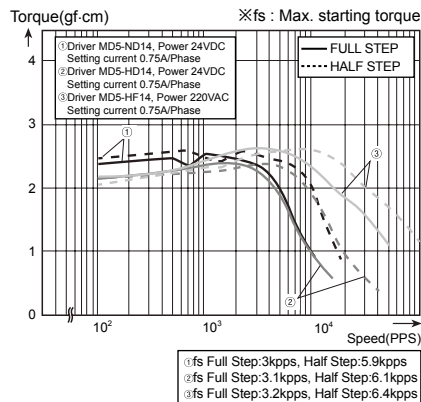
A1K-S543/A1K-S543-B



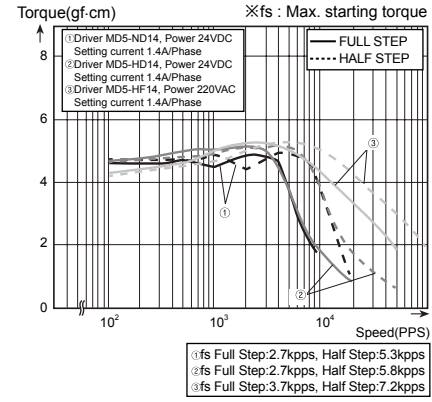
A2K-S544/A2K-S544-B



A3K-S545/A3K-S545-B



A4K-M564 / A4K-M564-B

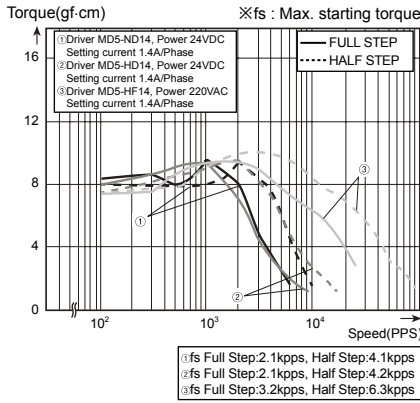


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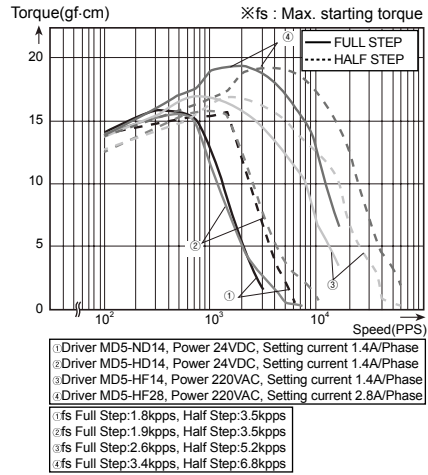
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Characteristic

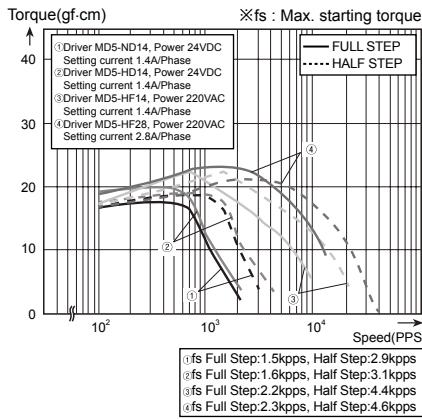
● A8K-M566 / A8K-M566-B



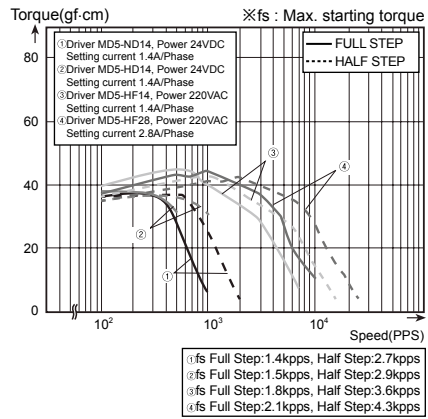
● A16K-569 / A16K-569-B



● A21K-596 / A21K-596-B



● A41K-599 / A41K-599-B



● A63K-5913 / A63K-5913-B

