


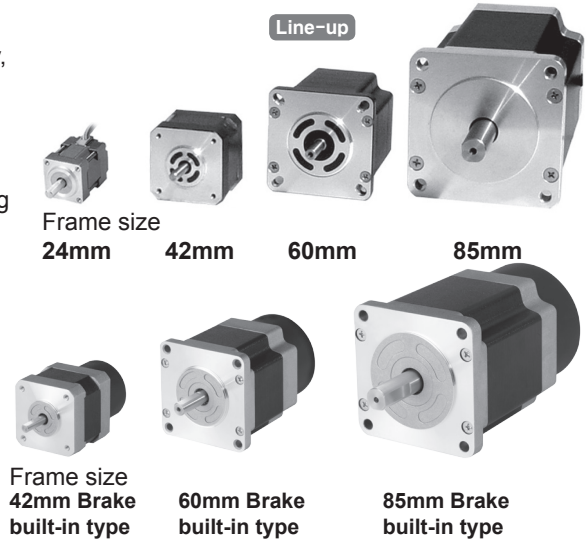
AK/AK-B Series

Frame Size 24mm/42mm/60mm/85mm Shaft Type Motor Frame Size 42mm/60mm/85mm Shaft Type+Built-in brake type Motor

■ Features

- Compact design and light weight with high accuracy, speed and torque
- Suitable for small-sized equipment applications
- Frame size 42mm/60mm/85mm built-in brake of shaft type for compact equipment (AK-B Series)
- Brake force is released (AK-B Series) when applying power on brake wire
- Cost-effective

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

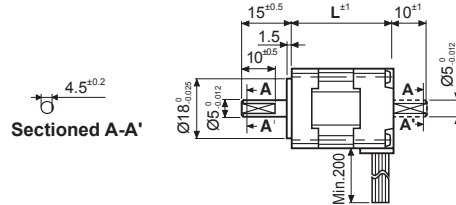
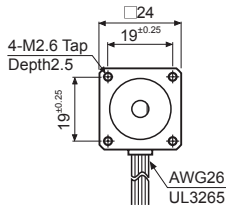


■ Dimensions

- ※These dimensions are for dual shaft models. Single shaft models do not include shafts indicated in the dotted lines.
- ※For flexible coupling (ERB Series) information, refer to F-64. (frame size 24mm, 48mm, 60mm (Shaft type))
- ※Brake is non-polar and be sure to observe rated excitation voltage (24VDC). (Except frame size 24mm)
SW1 ON : Brake Release / SW1 OFF : Brake Execute

◎ Frame size 24mm

(unit: mm)

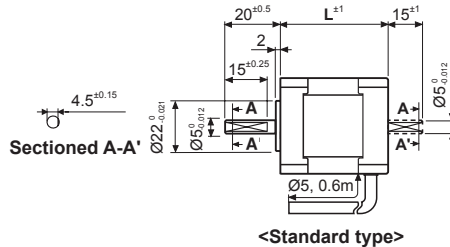
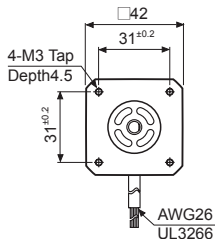


(unit: mm)

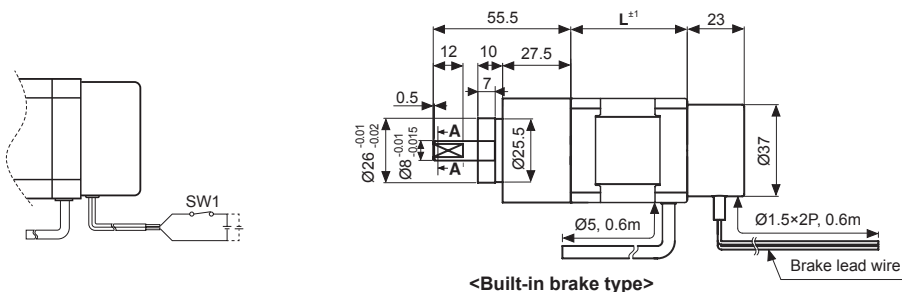
Model	L
02K-S523(W)	30.5
04K-S525(W)	46.5

◎ Frame size 42mm

(unit: mm)



Model	L
A1K-S543(W)-[B]	33
A2K-S544(W)-[B]	39
A3K-S545(W)-[B]	47

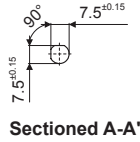
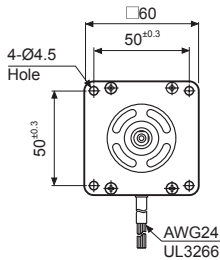


5-Phase Stepper Motor

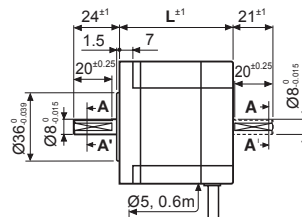
■ Dimensions

◎ Frame size 60mm

(unit: mm)



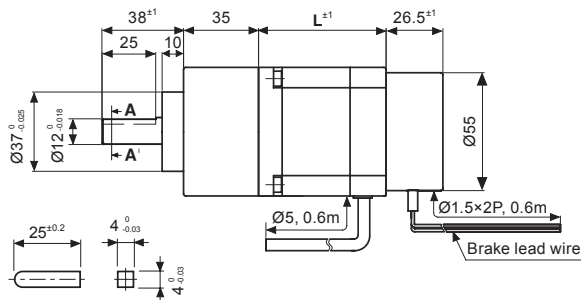
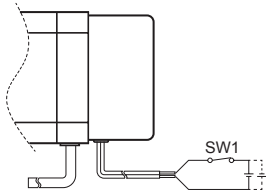
Sectioned A-A'



<Standard type>

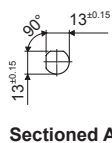
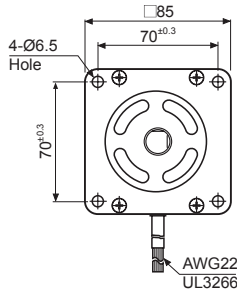
Model	L
A4K-□564(W)-□B	48.5
A8K-□566(W)-□B	59.5
A16K-□569(W)-□B	89

(unit: mm)

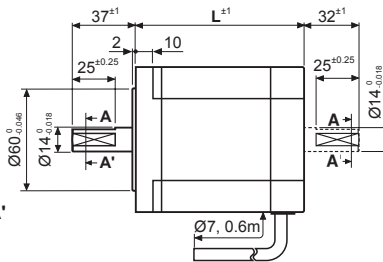


<Built-in brake type>

◎ Frame size 85mm



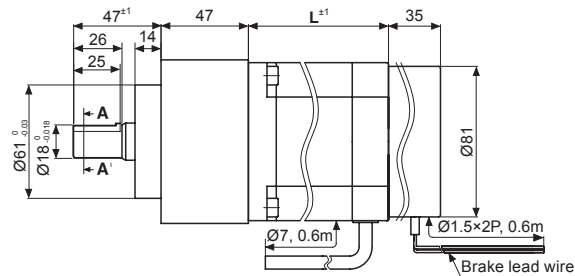
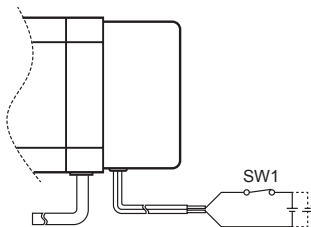
Sectioned A-A'



<Standard type>

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

(unit: mm)



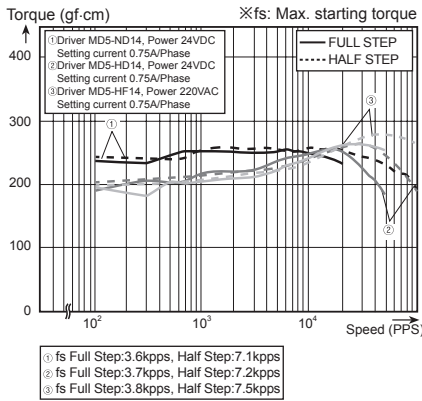
<Built-in brake type>

- (A) Photoelectric Sensors
- (B) Fiber Optic Sensors
- (C) Door/Area Sensors
- (D) Proximity Sensors
- (E) Pressure Sensors
- (F) Rotary Encoders
- (G) Connectors/ Sockets
- (H) Temperature Controllers
- (I) SSRs / Power Controllers
- (J) Counters
- (K) Timers
- (L) Panel Meters
- (M) Tacho / Speed / Pulse Meters
- (N) Display Units
- (O) Sensor Controllers
- (P) Switching Mode Power Supplies
- (Q) Stepper Motors & Drivers & Controllers
- (R) Graphic/ Logic Panels
- (S) Field Network Devices
- (T) Software

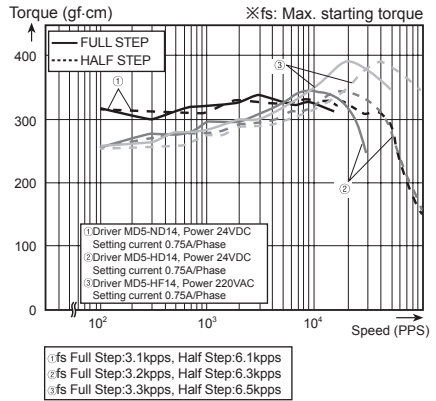
AK/AK-B Series

Characteristic

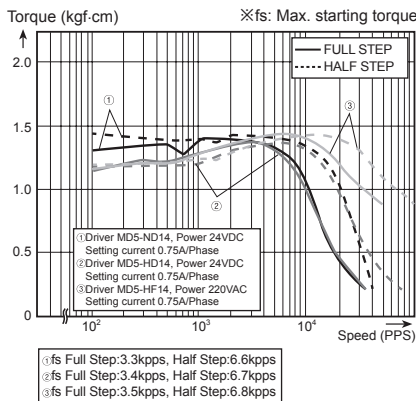
02K-S523



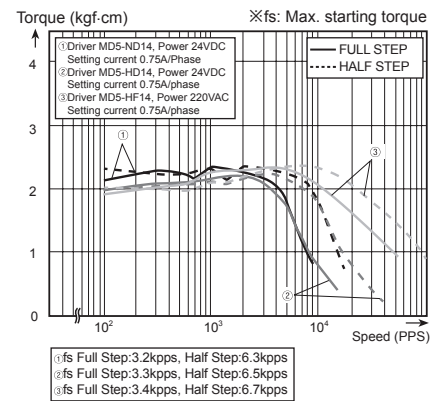
04K-S525



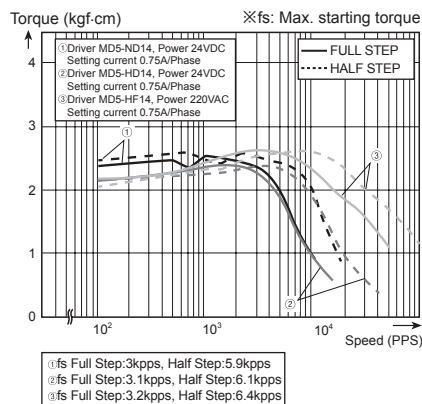
A1K-S543 / A1K-S543-B



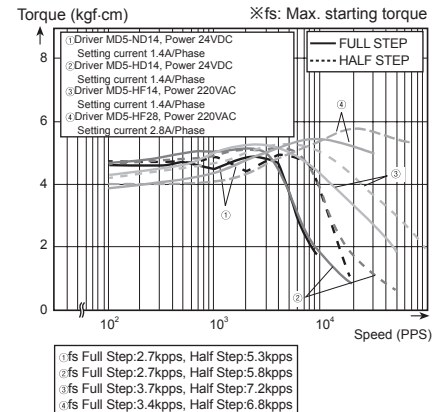
A2K-S544 / A2K-S544-B



A3K-S545 / A3K-S545-B



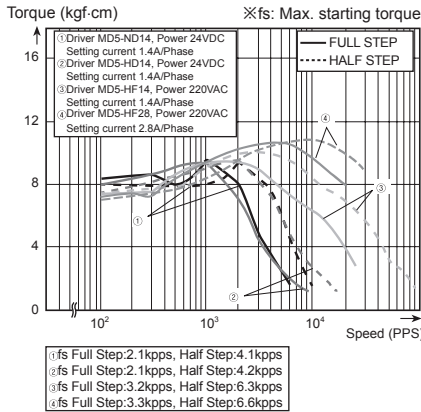
A4K-S564 / A4K-M564-B



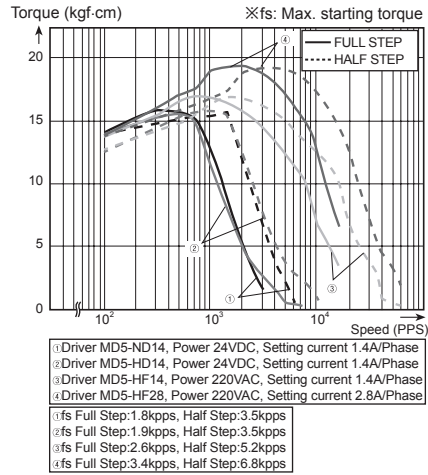
5-Phase Stepper Motor

Characteristic

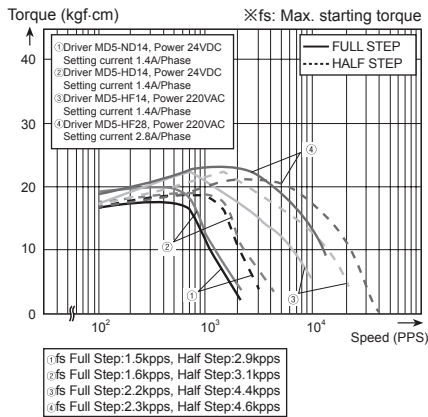
● A8K-□566 / A8K-M566-B



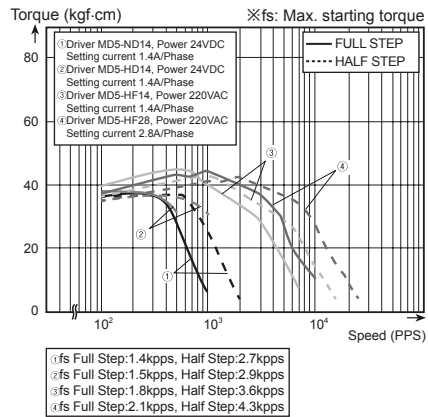
● A16K-□569 / A16K-□569-B



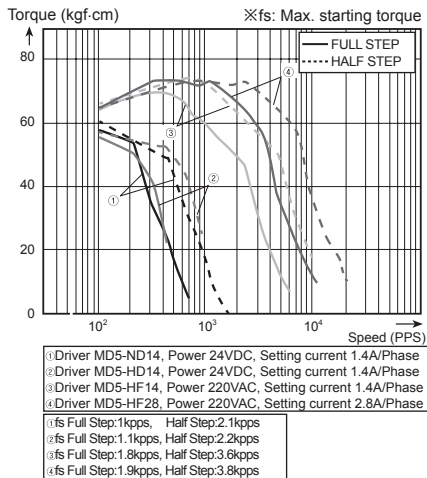
● A21K-□596 / A21K-□596-B



● A41K-□599 / A41K-□599-B



● A63K-□5913 / A63K-□5913-B



(A)	Photoelectric Sensors
(B)	Fiber Optic Sensors
(C)	Door/Area Sensors
(D)	Proximity Sensors
(E)	Pressure Sensors
(F)	Rotary Encoders
(G)	Connectors/ Sockets
(H)	Temperature Controllers
(I)	SSRs / Power Controllers
(J)	Counters
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