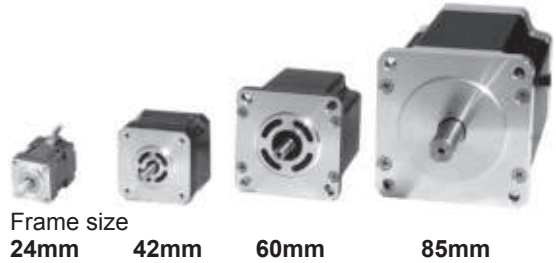


Frame Size 24mm/42mm/60mm/85mm Shaft Type Motor Frame Size 42mm/60mm/85mm Built-in brake type Motor

■ 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



Frame size
24mm 42mm 60mm 85mm

Please read "Safety Considerations" in operation manual before using.



Frame size
42mm Brake built-in type 60mm Brake built-in type 85mm Brake built-in type

■ Dimensions

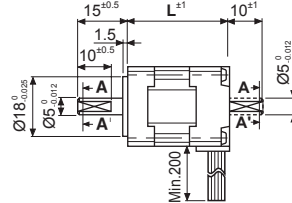
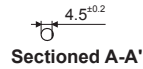
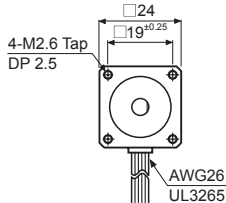
※ These dimensions are for dual shaft models. Single shaft models do not include shafts indicated in the dotted lines.

※ For flexible coupling (ERB series) information, refer to F-80. (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)

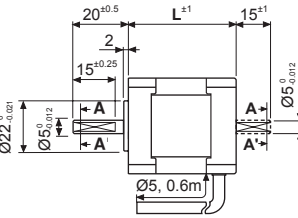
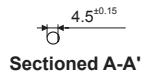
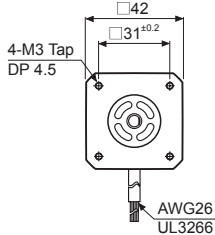


Model	L
02K-S523(W)	30.5
04K-S525(W)	46.5

(unit: mm)

◎ Frame size 42mm

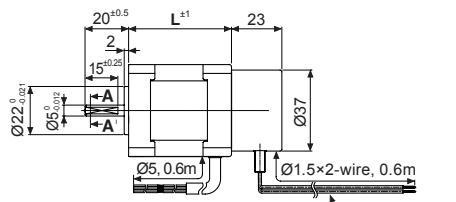
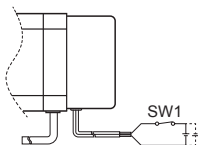
(unit: mm)



<Standard type>

Model	L
A1K-S543(W)-[B]	33
A2K-[]544(W)-[B]	39
A3K-S545(W)-[B]	47

(unit: mm)



<Built-in brake type>

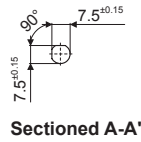
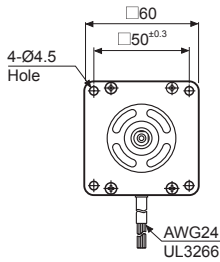
(A)	Photoelectric Sensors
(B)	Fiber Optic Sensors
(C)	Door/Area Sensors
(D)	Proximity Sensors
(E)	Pressure Sensors
(F)	Rotary Encoders
(G)	Connectors/ Connector Cables/ Sensor Distribution Boxes/Sockets
(H)	Temperature Controllers
(I)	SSRs / Power Controllers
(J)	Counters
(K)	Timers
(L)	Panel Meters
(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

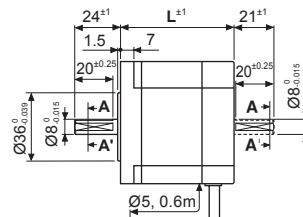
■ Dimensions

◎ Frame size 60mm

(unit: mm)



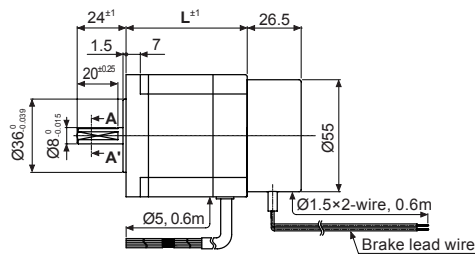
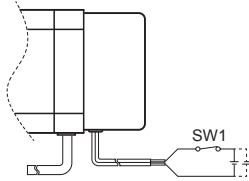
Sectioned A-A'



<Standard type>

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

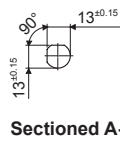
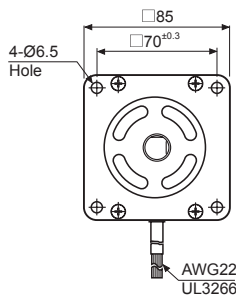
(unit: mm)



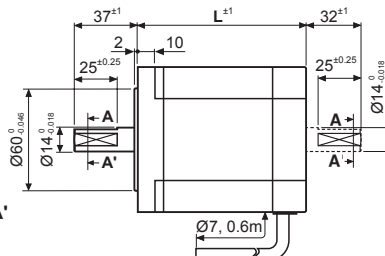
<Built-in brake type>

◎ Frame size 85mm

(unit: mm)

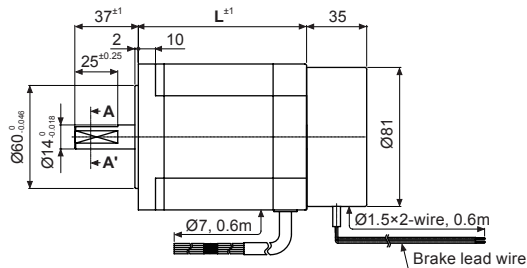
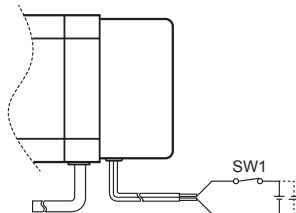


Sectioned A-A'



<Standard type>

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

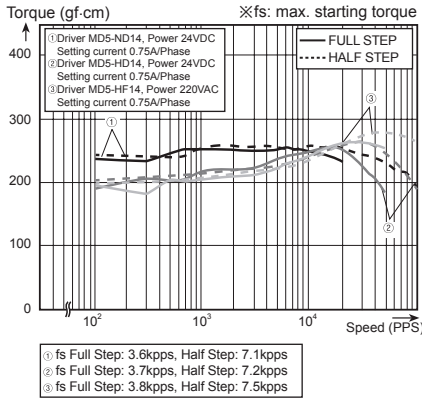


<Built-in brake type>

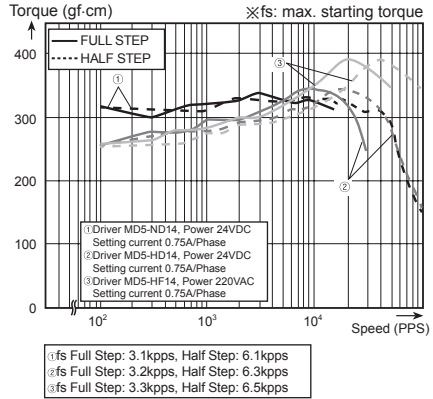
5-Phase Stepper Motor

Characteristic

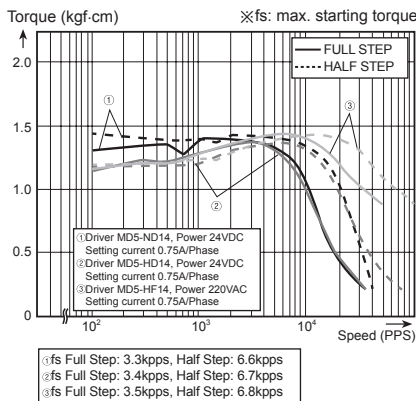
● 02K-S523



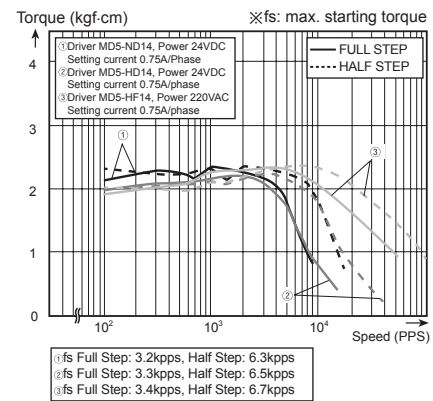
● 04K-S525



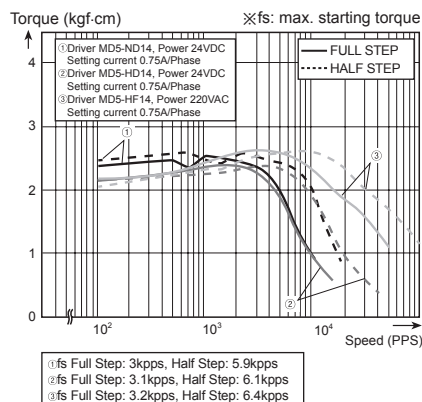
● A1K-S543 / A1K-S543-B



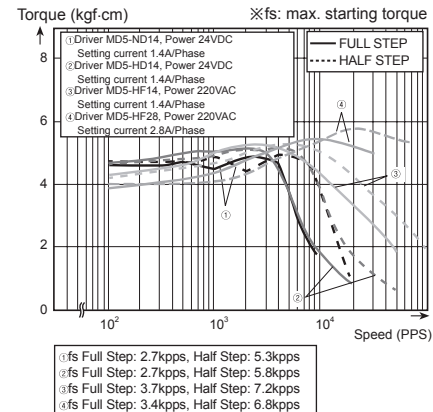
● A2K-□544 / A2K-□544-B



● A3K-S545 / A3K-S545-B



● A4K-□564 / A4K-M564-B

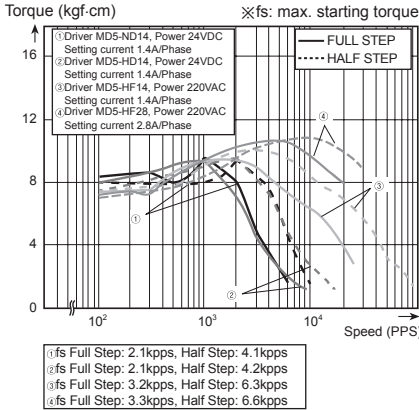


(A)	Photoelectric Sensors
(B)	Fiber Optic Sensors
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(S)	Field Network Devices
(T)	Software

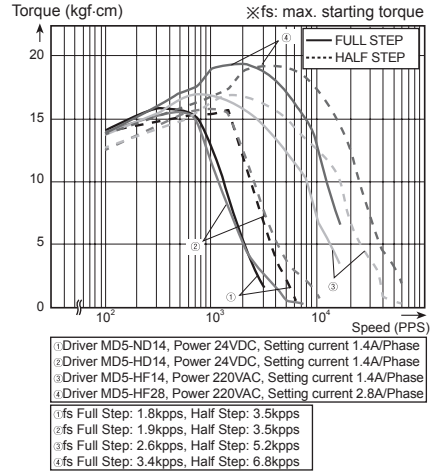
AK/AK-B Series

Characteristic

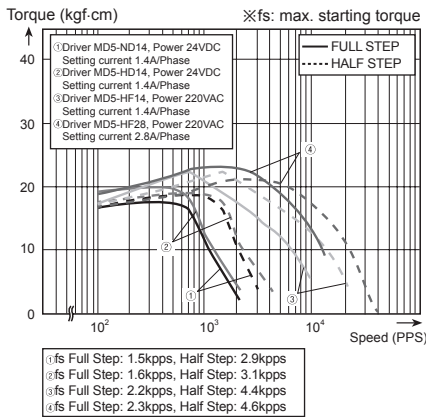
● A8K-□566 / A8K-M566-B



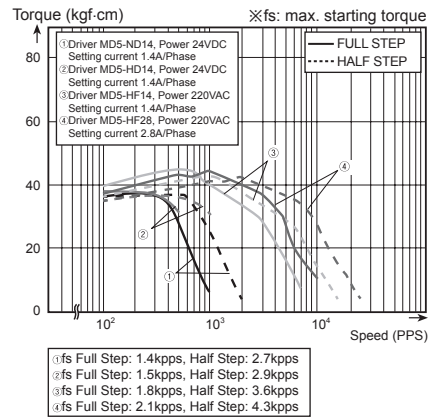
● A16K-□569 / A16K-□569-B



● A21K-□596 / A21K-□596-B



● A41K-□599 / A41K-□599-B



● A63K-□5913 / A63K-□5913-B

