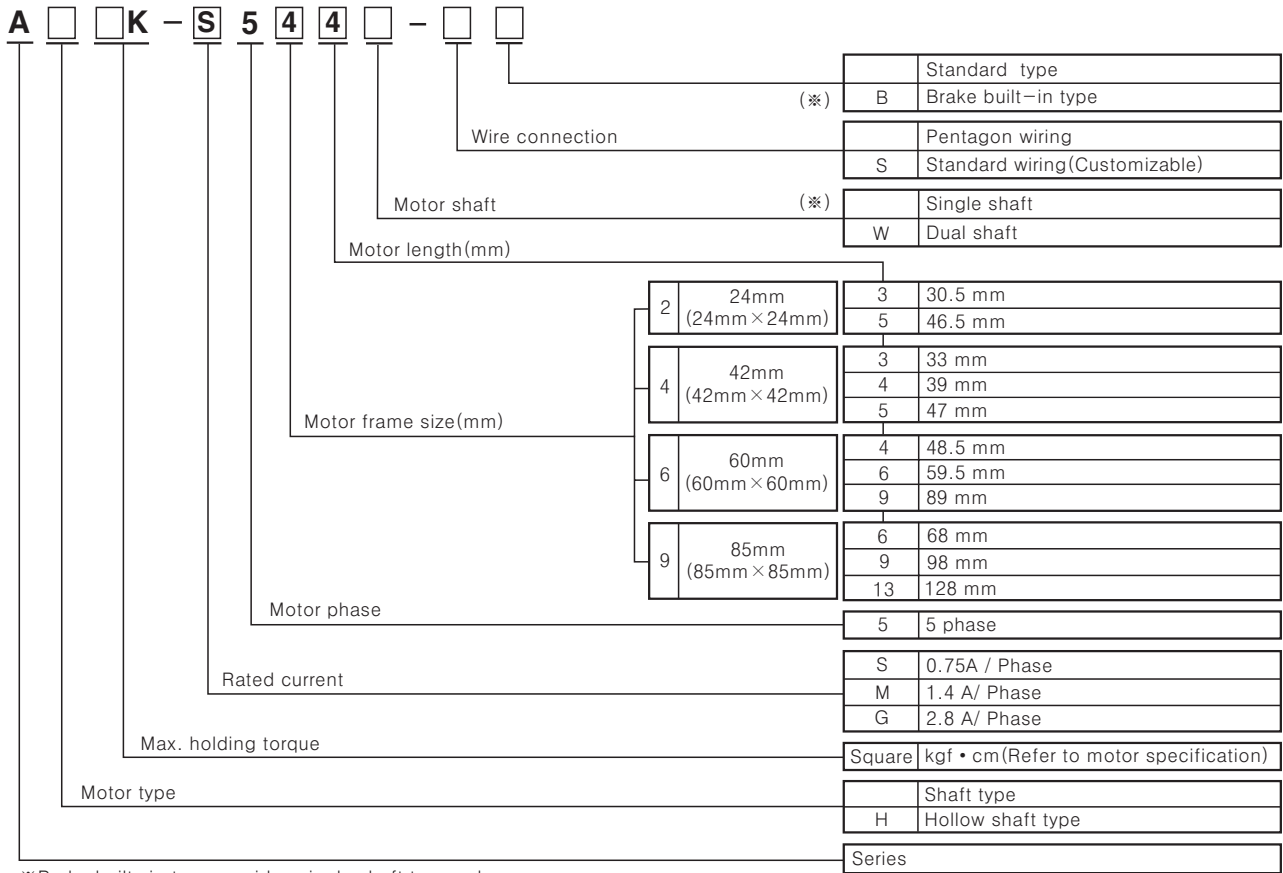


5-phase stepping motor

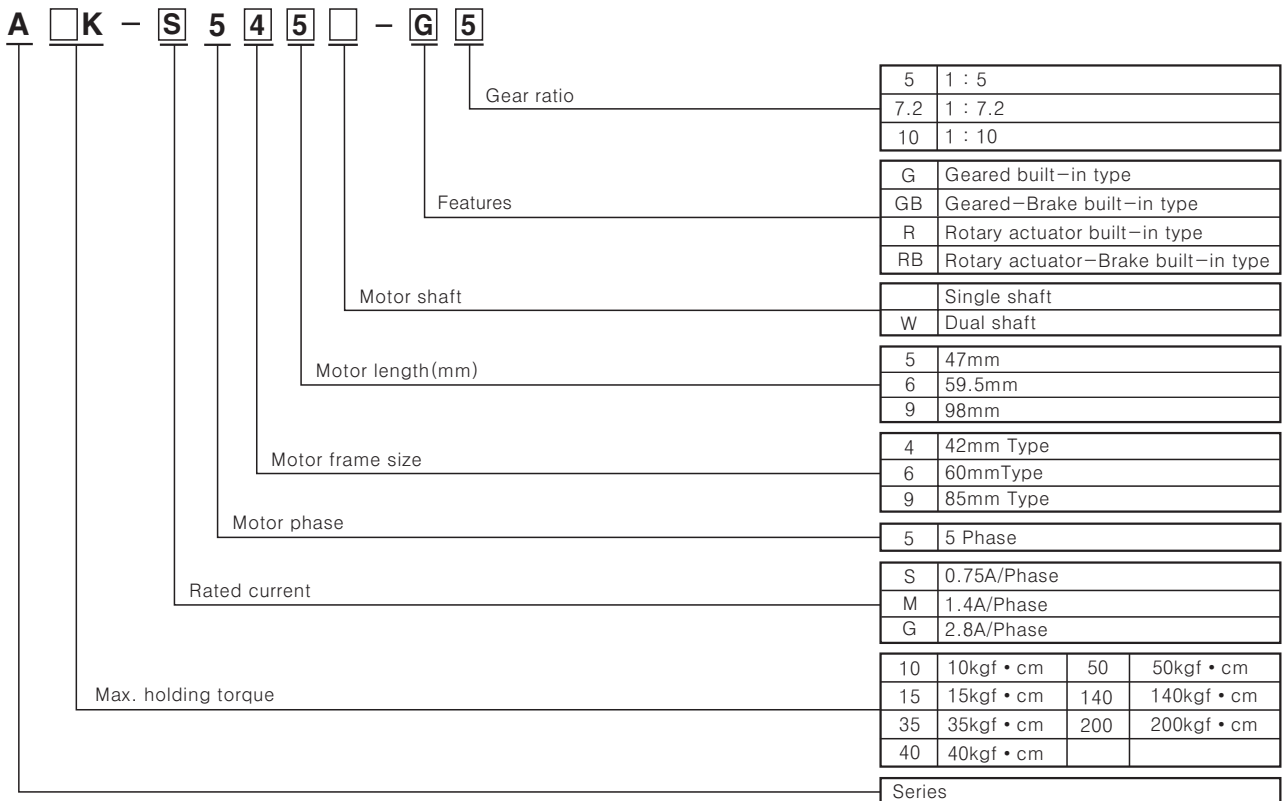
■ **Ordering information**

●Application model : Shaft type, Hollow shaft type, shaft type+Brake built-in type



*Brake built-in type provides single shaft type only.

●Application model : Geared built-in type, Geared+Brake built-in type, Rotary actuator, Rotary actuator+Brake built-in type



Counter

Timer

Temp. controller

Power controller

Temp./ Humidity transducer

Thermo couples & RTD

Panel meter

Tacho/ Speed/ Pulse meter

Display unit

Serial converter module

Graphic panel

Sensor controller/ Switching power supply

Proximity sensor

Photo electric sensor

Pressure sensor

Rotary encoder

Stepping motor & Driver & Controller

Selection Guide

5-phase stepping motor

■ Specifications

Type	Model	A/phase (A)	Max. holding torque (kgf · cm)	Max. allowable torque (kgf · cm)	Moment of rotor inertia (g · cm ²)	Winding resistance(Ω)	Motor length (mm)		
24 Square	Shaft type	02K-S523(W)	0.75	0.18	—	4.2	30.5		
		04K-S525(W)	0.75	0.28	—	8.2	46.5		
42 Square	Shaft type	A1K-S543(W)	0.75	1.3	—	35	33		
		A2K-S544(W)	0.75	1.8	—	54	39		
		A3K-S545(W)	0.75	2.4	—	68	47		
	Hollow shaft type	AH1K-S543	0.75	1.3	—	35	33		
		AH2K-S544	0.75	1.8	—	54	39		
		AH3K-S545	0.75	2.4	—	68	47		
	Shaft type / Geared built-in type	A10K-S545(W)-G5	0.75	—	10	68	1.7	74.5	
		A15K-S545(W)-G7.2	0.75	—	15	68	2.2	74.5	
		A15K-S545(W)-G10	0.75	—	15	68	2.2	74.5	
	60 Square	Shaft type / Shaft type + Brake built-in type	A4K-S564(W)-B	0.75	4.2	—	175	2.6	48.5
A4K-M564(W)-B			1.4	4.2	—	175	0.8	48.5	
A8K-S566(W)-B			0.75	8.3	—	280	4.0	59.5	
A8K-M566(W)-B			1.4	8.3	—	280	1.1	59.5	
A16K-M569(W)-B			1.4	16.6	—	560	1.8	89	
A16K-G569(W)-B			2.8	16.6	—	560	0.56	89	
Hollow shaft type		AH4K-S564(W)	0.75	4.2	—	175	2.6	48.5	
		AH4K-M564(W)	1.4	4.2	—	175	0.8	48.5	
		AH8K-S566(W)	0.75	8.3	—	280	4.0	59.5	
		AH8K-M566(W)	1.4	8.3	—	280	1.1	59.5	
		AH16K-M569(W)	1.4	16.6	—	560	1.8	89	
		AH16K-G569(W)	2.8	16.6	—	560	0.56	89	
Shaft type/ Geared + Brake built-in type		A35K-M566(W)-G5	1.4	—	35	280	1.1	94.5	
		A40K-M566(W)-G7.2	1.4	—	40	280	1.1	94.5	
		A50K-M566(W)-G10	1.4	—	50	280	1.1	94.5	
Geared + Brake built-in type		A35K-M566-GB5	1.4	—	35	280	1.1	136	
		A40K-M566-GB7.2	1.4	—	40	280	1.1	136	
		A50K-M566-GB10	1.4	—	50	280	1.1	136	
Rotary actuator type		A35K-M566(W)-R5	1.4	—	35	280	1.1	93.5	
		A40K-M566(W)-R7.2	1.4	—	40	280	1.1	93.5	
		A50K-M566(W)-R10	1.4	—	50	280	1.1	93.5	
Rotary actuator + Brake built-in type		A35K-M566-RB5	1.4	—	35	280	1.1	135	
		A40K-M566-RB7.2	1.4	—	40	280	1.1	135	
		A50K-M566-RB10	1.4	—	50	280	1.1	135	
85 Square		Shaft type / Shaft type + Brake built-in type	A21K-M596(W)-B	1.4	21	—	1400	1.76	68
			A21K-G596(W)-B	2.8	21	—	1400	0.4	68
			A41K-M599(W)-B	1.4	41	—	2700	2.6	98
			A41K-G599(W)-B	2.8	41	—	2700	0.58	98
			A63K-M5913(W)-B	1.4	63	—	4000	3.92	128
			A63K-G5913(W)-B	2.8	63	—	4000	0.86	128
	Hollow shaft type	AH21K-M596(W)	1.4	21	—	1400	1.76	68	
		AH21K-G596(W)	2.8	21	—	1400	0.4	68	
		AH41K-M599(W)	1.4	41	—	2700	2.6	98	
		AH41K-G599(W)	2.8	41	—	2700	0.58	98	
		AH63K-M5913(W)	1.4	63	—	4000	3.92	128	
		AH63K-G5913(W)	2.8	63	—	4000	0.86	128	
	Shaft type + Geared built-in type	A140K-M599(W)-G5	1.4	—	140	2700	2.6	145	
		A140K-G599(W)-G5	2.8	—	140	2700	0.58	145	
		A200K-M599(W)-G7.2	1.4	—	200	2700	2.6	145	
		A200K-G599(W)-G7.2	2.8	—	200	2700	0.58	145	
		A200K-M599(W)-G10	1.4	—	200	2700	2.6	145	
		A200K-G599(W)-G10	2.8	—	200	2700	0.58	145	
	Geared + Brake built-in type	A140K-M599-GB5	1.4	—	140	2700	2.6	182	
		A140K-G599-GB5	2.8	—	140	2700	0.58	182	
		A200K-M599-GB7.2	1.4	—	200	2700	2.6	182	
		A200K-G599-GB7.2	2.8	—	200	2700	0.58	182	
		A200K-M599-GB10	1.4	—	200	2700	2.6	182	
		A200K-G599-GB10	2.8	—	200	2700	0.58	182	

※ () Stands for dual shaft of motor. The brake built-in type provides single shaft type only.

※ Motor length was measured without shaft.

※ Hollow shaft type with standard wiring is customizable. (Except for 24mm)