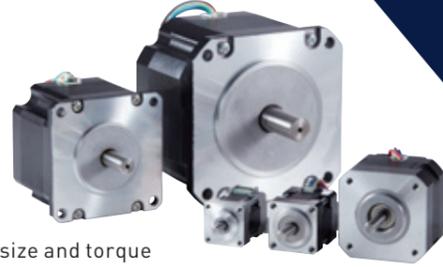


MOTORS

5-phase stepping motor 4 types of 20, 24, 42, 60mm square

You can choose from a minimum of 20 mm square to 60 mm square according to size and torque



Motor Size	Rated current A/Phase	Model		Holding torque N·m (kgf·cm)	Winding resistance Ω /Phase	Rotor inertia 10 ⁻⁷ kg·m ²	Length L (mm)	Weight g
		Single	Double					
□ 20mm	0.35A	01K-C513	01K-C513W	0.013 (0.13)	6.1	1.9	30	50
	0.35A	02K-C515	02K-C515W	0.024 (0.24)	11.4	4	46.5	85
□ 24mm	0.75A	02K-S523	02K-S523W	0.017 (0.17)	1.1	4.2	30.5	70
	0.75A	04K-S525	04K-S525W	0.028 (0.28)	1.7	8.3	46.5	120
□ 42mm	0.75A	1K-S543	1K-S543W	0.13 (1.3)	1.7	35	33	200
	0.75A	2K-S544	2K-S544W	0.18 (1.8)	2.2	54	39	240
	0.75A	3K-S545	3K-S545W	0.24 (2.4)	2.2	68	47	310
□ 60mm	0.75A	4K-S564	4K-S564W	0.45 (4.5)	2.6	175	48.5	500
	1.4A	4K-M564	4K-M564W	0.45 (4.5)	0.8	175	48.5	500
	0.75A	8K-S566	8K-S566W	0.8 (8)	3.4	220	56.5	700
	1.4A	8K-M566	8K-M566W	0.8 (8)	1.1	220	56.5	700
	1.4A	16K-M569	16K-M569W	1.5 (15)	1.8	440	86.5	1200

※ 0.35A motors are made to order

5-phase stepping motor with direct connected ball screw

5-phase stepping motor is mounted directly onto the shaft end of C3 grade precision ball screw, which is suitable for high accurate positioning system.

Ball screw shaft is ideally constructed to form the motor rotor shaft.

Since combining the motor shaft and ball screw shaft, coupling-less, saving total length, low lost-motion can be achieved.

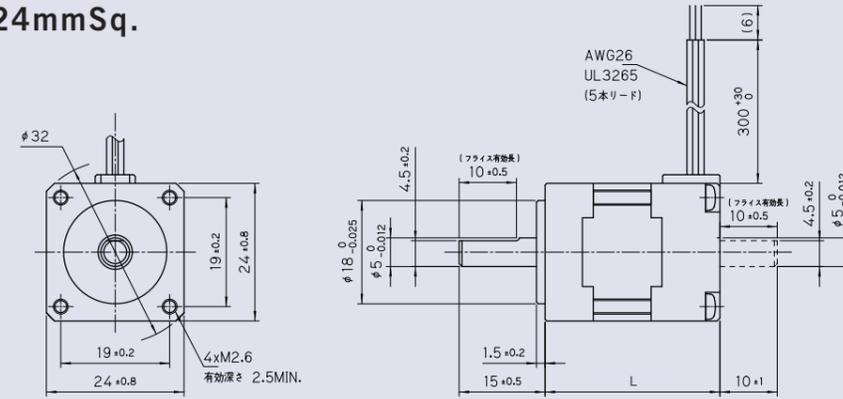
Our KR series drivers fit these motors.



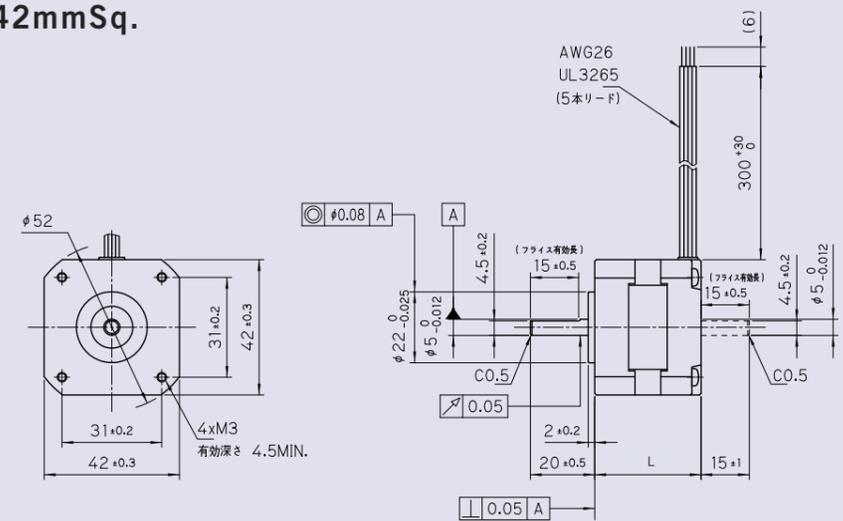
Rated current A/Phase	Model	Motor size	Shaft dia. mm	Lead mm	Travel mm	Accuracy grade Axial play	Reference Thrust N	Weight g
0.75A	MB04005A	□ 20mm	4	0.5	20	C3-0.005 Less	10	84
0.75A	MB0401A	□ 20mm	4	1	30	C3-0	20	84
0.75A	MB0401	□ 24mm	4	1	30	C3-0	50	100
0.75A	MB0601	□ 24mm	6	1	75	C3-0	100	170
0.75A	MB0602	□ 24mm	6	2	75	C3-0	50	180
0.75A	MB0801	□ 42mm	8	1	150	C3-0	300	310
0.75A	MB0802	□ 42mm	8	2	150	C3-0	150	320

■ Outline

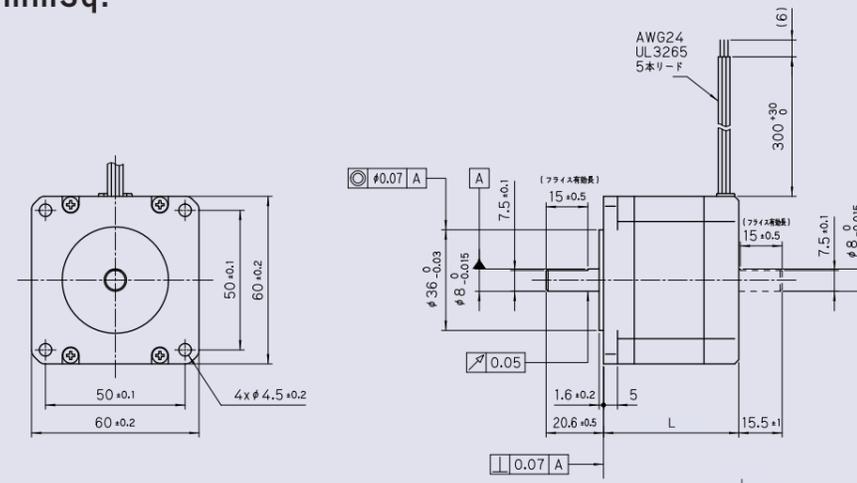
24mmSq.



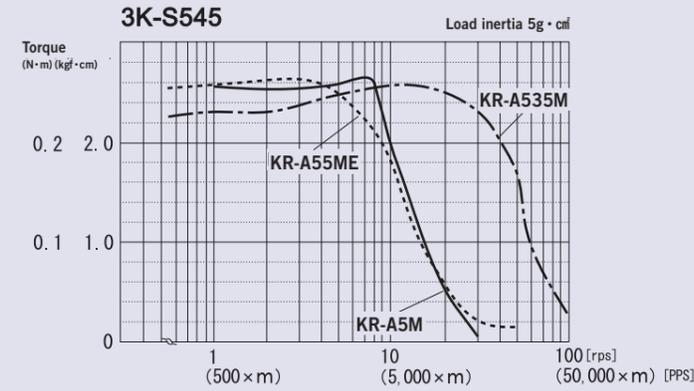
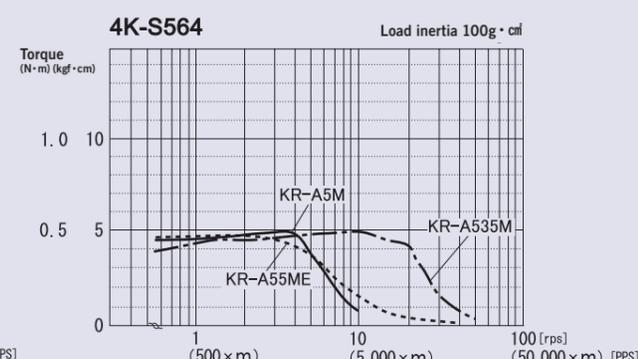
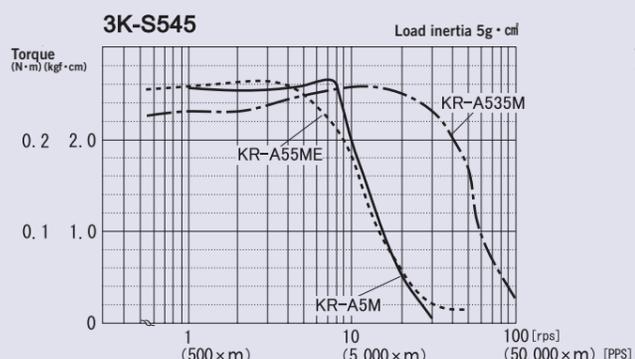
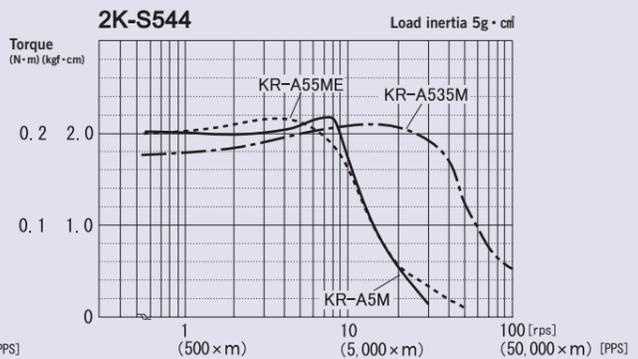
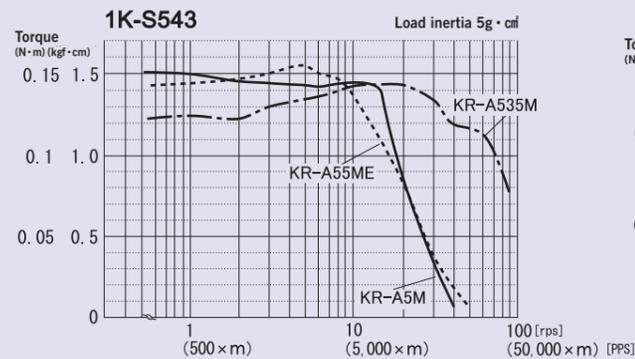
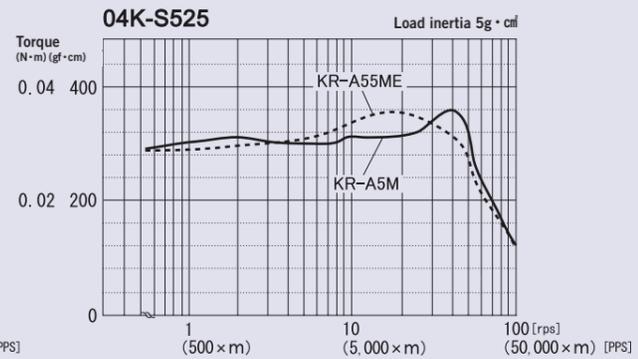
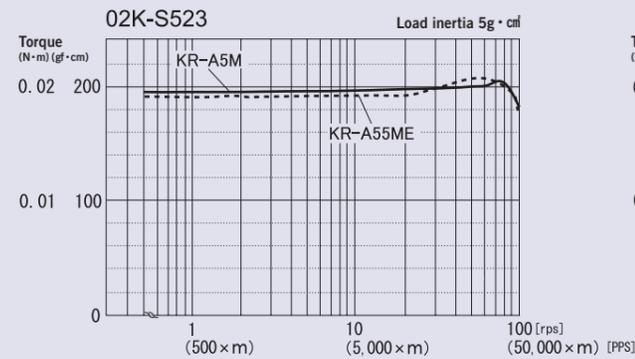
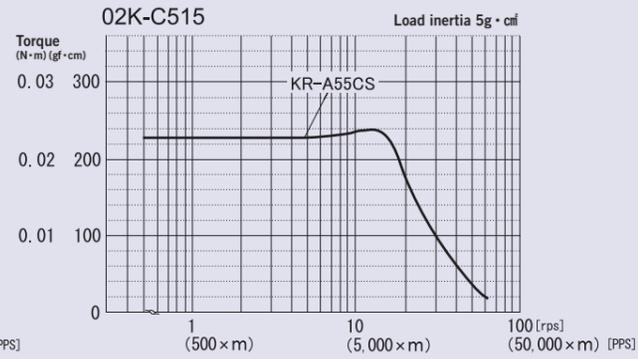
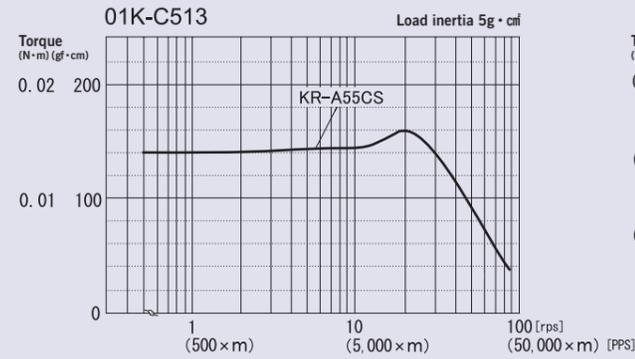
42mmSq.



60mmSq.



Torque characteristics table



※ m = Microstep Resolution
 例] m=1 ; Full Step
 m=2 ; Half Step

