

Motor Mount Codes (Worm Gear Heads)

The dimensions corresponding to the servo motors of various companies are shown as mount codes. Check the mount code corresponding to the servo motor being used, and then select a gear head whose size and reduction ratio match the operating conditions according to the information found under "Standard Mount Codes Categorized by Worm Gear Heads" and "Transfer Capacity Table" for each series.

Be sure to select a model within the performance range of each gear head corresponding to the load conditions.

Note) The mount code interaction tables are representative examples that are current as of April 2019. It may be possible to support servo motors not shown in the tables, so contact us for details.

Note) The servo motor specifications may be changed depending on the situation of the motor manufacturer, so be sure to check the motor mounting dimensions and the mounting with our gear heads.

Standard Mount Codes Categorized by Worm Gear Heads

Flange	Mount code	SWJMK/SWMK type						EWJMK/EWMK type							
		SWJMK35	SWJMK42	SWJMK50	SWJMK63	SWJMK70	SWMK80	SWMK100	EWJMK35	EWJMK42	EWJMK50	EWJMK63	EWJMK70	EWMK80	EWMK100
□ 60	E4DC	○	○	-	-	-	-	-	○	○	-	-	-	-	-
	E4HC	○	○	-	-	-	-	-	○	○	-	-	-	-	-
□ 80	G2HC	-	-	○	○	○	-	-	-	-	○	-	-	-	-
	G5LC	-	-	○	○	○	-	-	-	-	○	○	-	-	-
□ 130	K2LC	-	-	-	○	○	○	-	-	-	-	○	○	○	-
	K3YC	-	-	-	○	○	○	-	-	-	-	○	○	○	-
	K4PC	-	-	-	△	△	△	-	-	-	-	△	△	△	-
□ 176	L1MC	-	-	-	○	○	○	○	-	-	-	○	○	○	○
	L1PC	-	-	-	○	○	○	○	-	-	-	○	○	○	○
	L1RC	-	-	-	○	○	○	○	-	-	-	○	○	○	○

○: Standard package △: Made to order

Mount Code Tables Categorized by Motor Manufacturer

1. Mitsubishi Electric

J4 Series servo motors

Motor capacity	Rated speed	Model no.	Mount code
200 W	3000 r/min	HG-KR23	E4HC
400 W		HG-KR43	E4HC
750 W		HG-KR73	G5LC
200 W	3000 r/min	HG-MR23	E4HC
400 W		HG-MR43	E4HC
750 W		HG-MR73	G5LC
500 W	2000 r/min	HG-SR52	K3YC
1000 W		HG-SR102	K3YC
1500 W		HG-SR152	K3YC
2000 W		HG-SR202	L1RC
500 W	1000 r/min	HG-SR51	K3YC
850 W		HG-SR81	K3YC
1200 W		HG-SR121	L1RC
2000 W		HG-SR201	L1RC
3500 W	2000 r/min	HG-SR352	L1RC
5000 W		HG-SR502	L1RC
7000 W		HG-SR702	L1RC
3000 W	1000 r/min	HG-SR301	L1RC
4200 W		HG-SR401	L1RC

J3 Series servo motors

Motor capacity	Rated speed	Model no.	Mount code
200 W	3000 r/min	HF-KP23	E4HC
400 W		HF-KP43	E4HC
750 W		HF-KP73	G5LC
200 W	3000 r/min	HF-MP23	E4HC
400 W		HF-MP43	E4HC
750 W		HF-MP73	G5LC
500 W	2000 r/min	HF-SP52	K3YC
1000 W		HF-SP102	K3YC
1500 W		HF-SP152	K3YC
2000 W		HF-SP202	L1RC
500 W	2000 r/min	HC-LP52	K3YC
1000 W		HC-LP102	K3YC
1500 W		HC-LP152	K3YC
2000 W		HC-LP202	L1RC

2. Yaskawa Electric Σ-7 Series servo motors

Motor capacity	Rated speed	Model no.	Mount code
200 W	3000 r/min	SGM7A-02	E4HC
400 W		SGM7A-04	E4HC
600 W		SGM7A-06	E4HC
750 W		SGM7A-08	G5LC
1000 W		SGM7A-10	G5LC
1500 W		SGM7A-15	J3YC
2000 W		SGM7A-20	J3YC
300 W	1500 r/min	SGM7G-03	H2KC
450 W		SGM7G-05	H2KC
850 W		SGM7G-09	K3YC
1300 W		SGM7G-13	K3YC
1800 W		SGM7G-20	K3YC
200 W	3000 r/min	SGM7J-02	E4HC
400 W		SGM7J-04	E4HC
600 W		SGM7J-06	E4HC
750 W		SGM7J-08	G5LC
200 W	3000 r/min	SGM7P-02	G2HC
400 W		SGM7P-04	G2HC
750 W		SGM7P-08	K2LC

Σ-V Series servo motors

Motor capacity	Rated speed	Model no.	Mount code
200 W	3000 r/min	SGMAV-02	E4HC
400 W		SGMAV-04	E4HC
200 W	3000 r/min	SGMJV-02	E4HC
400 W		SGMJV-04	E4HC

3. Fuji Electric FA Components & Systems

Motor capacity	Rated speed	Model no.	Mount code
200 W	3000 r/min	GYC201	G2HC
400 W		GYC401	G2HC
750 W		GYC751	J2KC
1000 W		GYC102	K3YC
1500 W		GYC152	K3YC
2000 W		GYC202	K3YC
200 W	3000 r/min	GYS201	E4HC
375 W		GYS371	E4HC
400 W		GYS401	E4HC
750 W		GYS751	G5KC
500 W	1500 r/min	GYA501	K3YC
1500 W		GYA152	K4PC

4. Panasonic MINAS A5 Series servo motors

Motor capacity	Rated speed	Model no.	Mount code
200 W	3000 r/min	MSMD02	E3GC
400 W		MSMD04	E3HC
750 W		MSMD08	G4LC
400 W	3000 r/min	MSME04	E3HC
750 W		MSME08	G4LC
1000 W	2000 r/min	MDME10	J5LC
1500 W		MDME15	J5LC
2000 W		MDME20	J5LC

5. Tamagawa Seiki TBL-i II Series servo motors

Motor capacity	Rated speed	Model no.	Mount code
200 W	3000 r/min	TS4607	E4HC
400 W		TS4609	E4HC
200 W	3000 r/min	TS4611	G2HC
400 W		TS4612	G2HC
600 W		TS4613	G5LC
750 W		TS4614	G5LC

6. Keyence

Motor capacity	Rated speed	Model no.	Mount code
200 W	3000 r/min	MV-M020	E4HC
400 W		MV-M040	E4HC
200 W	3000 r/min	SV-M020	E4HC
400 W		SV-M040	E4HC
750 W		SV-M075	G5LC
200 W	3000 r/min	SV-B020	E4HC
400 W		SV-B040	E4HC
750 W		SV-B075	G5LC