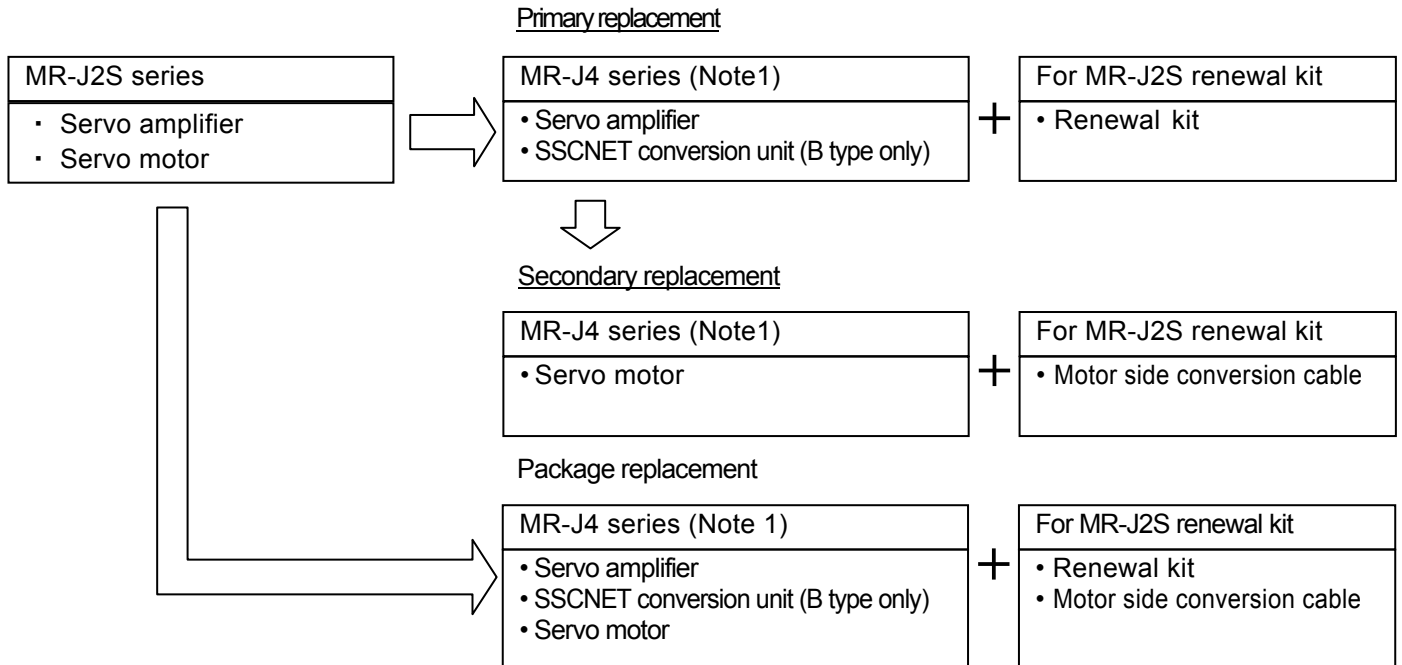


## Section 2 Selecting the MR-J2S Renewal Tool

### 2.1 Basic Configuration

[Before replacement]



Note 1. Please purchase the Mitsubishi Electric Corporation MR-J4 series servo amplifier and servo motor.

### 2.2 Precautions for Replacement

- (1) Please note that replacement may not be possible when multiple units are set in a line due to the clearance between the servo amplifiers, the model, and the number of units. (See Chapter 7 of this Appendix regarding the dimensions)
- (2) Depending on the condition of the existing setup, sometimes noise reduction techniques are necessary when replacing. Check Section 6.2 regarding noise reduction techniques.
- (3) When using the existing cables, please consider the remaining life of the cables. If deterioration is significant, replacing with a new cable is recommended.
- (4) Because the conversion cable does not have a long bending life, fix the cable when using.
- (5) Contact us if using an encoder cable longer than 50 m with long distance wiring. (For secondary and package replacement) Contact us when replacing with an HG-KR or MR motor if the existing encoder cable is longer than 30 m.
- (6) No oil seal is attached to the standard type MR-J4 servo motor. Take care when selecting if the existing MR-J2S servo motor has an attached oil seal. Contact a sales representative if a servo motor with an oil seal is required.
- (7) Depending on machine conditions (inertia, load, etc.), there is a possibility of insufficient servo amplifier capacity after replacement. Carefully consider the capacity in relation to the replacement.
- (8) Although use of dynamic brake resistance standardly equipped to the replacement MR-J4 servo amplifier is possible, take care because the coasting distance differs depending on the characteristics of the dynamic brake. In addition, do not use dynamic braking at high frequencies.
- (9) Check Section 2.7 of this document for important points to note when using optional or peripheral equipment.
- (10) If the existing MR-J2S servo amplifier or servo motor is a special product, contact Mitsubishi Electric Corporation for assistance.
- (11) Although the motor model of the MR-J2S-series motor may not be displayed properly with MR Configurator2, this is normal. Do not use the MR Configurator2 advanced functions (machine analyzer, gain search, machine simulation, etc.) because they do not work accurately.

## 2.3 Selecting the Product

### 2.3.1 Flow of Selection for Replacement

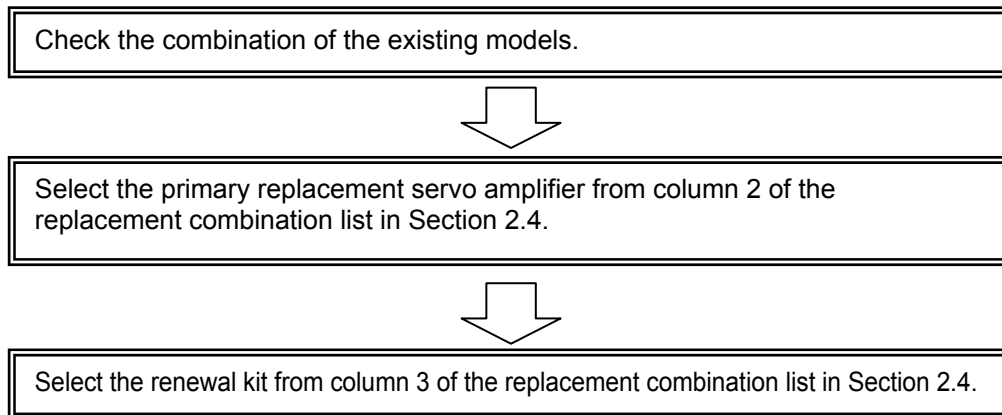


#### CAUTION

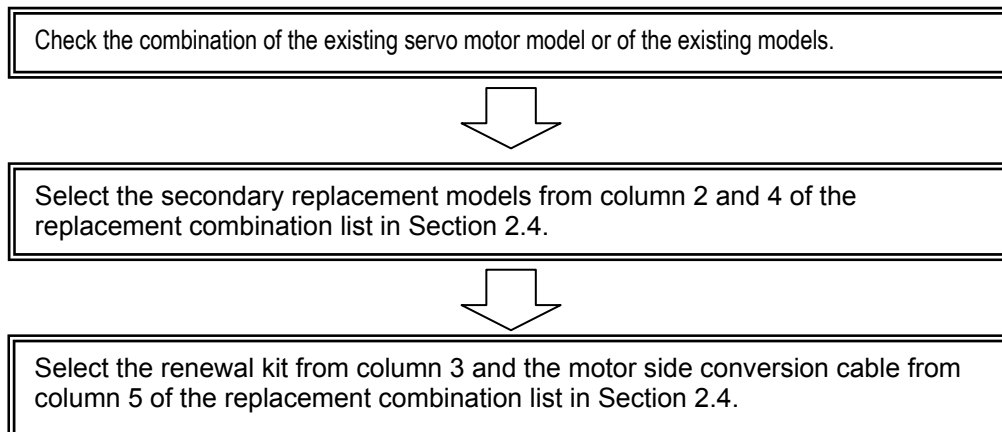
- Because some existing HC-KFS46, HC-KFS410, HC-RFS, HC-LFS, and HA-LFS series motors differ in primary replacement amplifiers and secondary/package replacement amplifiers, the selection method may differ from the following flow. For details, see section 2.3.1, item 2.

(1) Replacement selection flow (For existing motors other than HC-KFS46, HC-KFS410, HC-RFS, HC-LFS, and HA-LFS series)

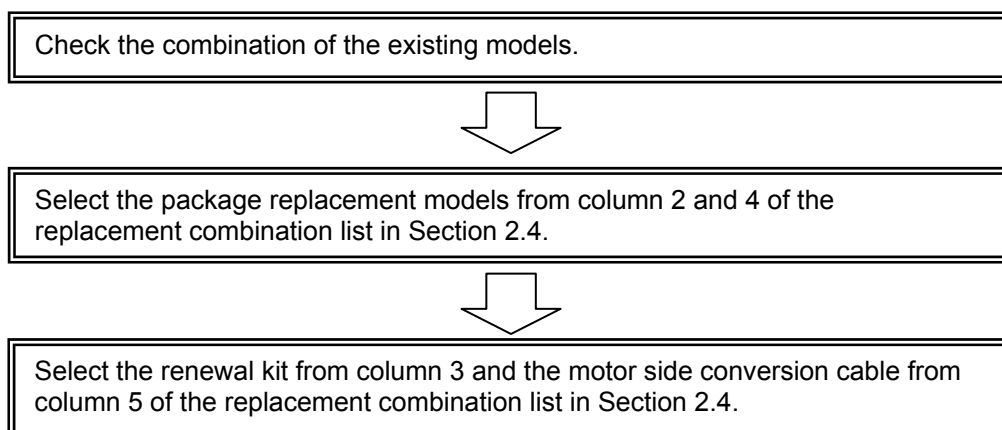
#### 1) Primary replacement menu



#### 2) Secondary replacement menu

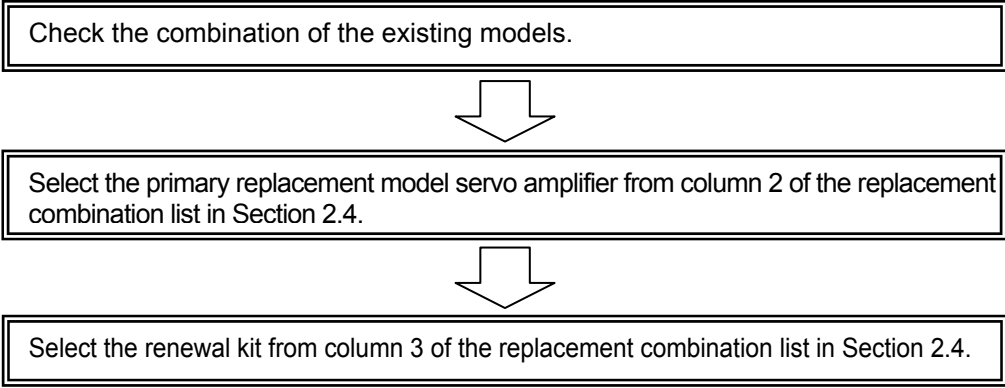


#### 3) Package replacement menu

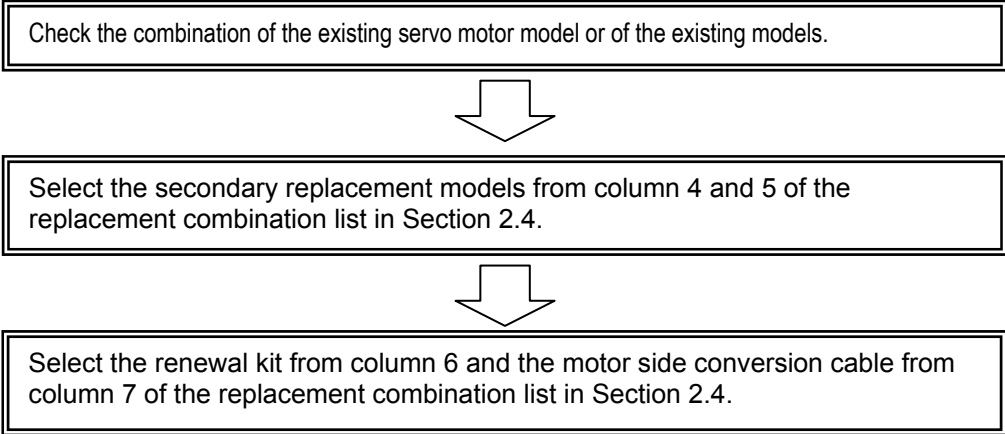


(2) Replacement selection flow (For existing HC-KFS46, HC-KFS410, HC-RFS, HC-LFS, and HA-LFS series motors)

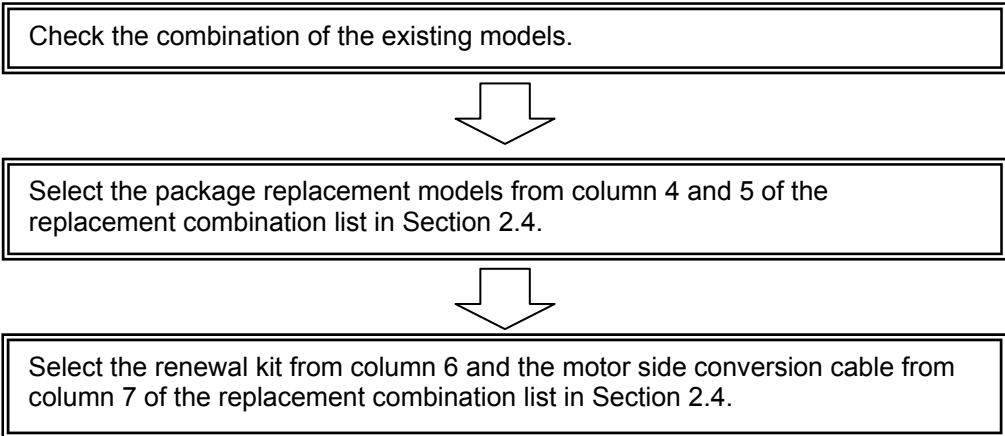
1) Primary replacement menu



2) Secondary replacement menu



3) Package replacement menu



## 2.4 Table of Replacement Combinations

### 2.4.1 A Type Replacement Combination Table

(1) Existing HC-KFS motor series (standard/with brake, G1, G2 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)	(3)	(4)		(5)		
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)		Secondary replacement/Package replacement models				
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo motor model (Note 1)	Com- patibility (Note 4)	Motor side conversion cable model		
						Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Small capacity/low inertia HC-KFS series, standard/with brake] ((B) represents models with brake)								
MR-J2S-10A	HC-KFS053 (B)	MR-J4-10A	SC-J2SJ4KT02K	HG-KR053 (B)	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS13 (B)			HG-KR13 (B)				
	HC-KFS23 (B)			HG-KR23 (B)				
	HC-KFS43 (B)			HG-KR43 (B)				
MR-J2S-20A	HC-KFS73 (B)	MR-J4-20A	SC-J2SJ4KT1K	HG-KR73 (B)				
MR-J2S-40A		MR-J4-40A	SC-J2SJ4KT06K					
MR-J2S-70A		MR-J4-70A	SC-J2SJ4KT1K					
[Small capacity/low inertia HC-KFS series with general reducer (G1)] ((B) represents models with brake)								
MR-J2S-10A	HC-KFS053 (B) G1 1/5	MR-J4-10A	SC-J2SJ4KT02K	HG-KR053 (B) G1 1/5	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS053 (B) G1 1/12			HG-KR053 (B) G1 1/12				
	HC-KFS053 (B) G1 1/20			HG-KR053 (B) G1 1/20				
	HC-KFS13 (B) G1 1/5			HG-KR13 (B) G1 1/5				
	HC-KFS13 (B) G1 1/12			HG-KR13 (B) G1 1/12				
	HC-KFS13 (B) G1 1/20			HG-KR13 (B) G1 1/20				
MR-J2S-20A	HC-KFS23 (B) G1 1/5	MR-J4-20A	SC-J2SJ4KT02K	HG-KR23 (B) G1 1/5	△ (Note 2)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS23 (B) G1 1/12			HG-KR23 (B) G1 1/12				
MR-J2S-40A	HC-KFS23 (B) G1 1/20	MR-J4-40A	SC-J2SJ4KT06K	HG-KR23 (B) G1 1/20	△ (Note 2)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS43 (B) G1 1/5			HG-KR43 (B) G1 1/5				
MR-J2S-70A	HC-KFS43 (B) G1 1/12	MR-J4-70A	SC-J2SJ4KT1K	HG-KR43 (B) G1 1/12	△ (Note 2)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS43 (B) G1 1/20			HG-KR43 (B) G1 1/20				
MR-J2S-10A	HC-KFS73 (B) G1 1/5	MR-J4-10A	SC-J2SJ4KT1K	HG-KR73 (B) G1 1/5	△ (Note 2)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS73 (B) G1 1/12			HG-KR73 (B) G1 1/12				
MR-J2S-20A	HC-KFS73 (B) G1 1/20	MR-J4-20A	SC-J2SJ4KT1K	HG-KR73 (B) G1 1/20	△ (Note 2)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS73 (B) G1 1/20			HG-KR73 (B) G1 1/20				
[Small capacity/low inertia HC-KFS series with high-precision reducer (G2)] ((B) represents models with brake)								
MR-J2S-10A	HC-KFS053 (B) G2 1/5	MR-J4-10A	SC-J2SJ4KT02K	HG-KR053 (B) G7 1/5	× (Note 3)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS053 (B) G2 1/9			HG-KR053 (B) G7 1/11				
	HC-KFS053 (B) G2 1/20			HG-KR053 (B) G7 1/21				
	HC-KFS053 (B) G2 1/29			HG-KR053 (B) G7 1/33				
	HC-KFS13 (B) G2 1/5			HG-KR13 (B) G7 1/5				
	HC-KFS13 (B) G2 1/9			HG-KR13 (B) G7 1/11				
MR-J2S-20A	HC-KFS13 (B) G2 1/20	MR-J4-20A	SC-J2SJ4KT02K	HG-KR13 (B) G7 1/21	× (Note 3)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS13 (B) G2 1/29			HG-KR13 (B) G7 1/33				
MR-J2S-40A	HC-KFS23 (B) G2 1/5	MR-J4-40A	SC-J2SJ4KT06K	HG-KR23 (B) G7 1/5	× (Note 3)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS23 (B) G2 1/9			HG-KR23 (B) G7 1/11				
MR-J2S-70A	HC-KFS23 (B) G2 1/20	MR-J4-70A	SC-J2SJ4KT1K	HG-KR23 (B) G7 1/21	× (Note 3)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS23 (B) G2 1/29			HG-KR23 (B) G7 1/33				
MR-J2S-10A	HC-KFS43 (B) G2 1/5	MR-J4-10A	SC-J2SJ4KT06K	HG-KR43 (B) G7 1/5	× (Note 3)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS43 (B) G2 1/9			HG-KR43 (B) G7 1/11				
MR-J2S-20A	HC-KFS43 (B) G2 1/20	MR-J4-20A	SC-J2SJ4KT06K	HG-KR43 (B) G7 1/21	× (Note 3)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS43 (B) G2 1/29			HG-KR43 (B) G7 1/33				
MR-J2S-40A	HC-KFS73 (B) G2 1/5	MR-J4-40A	SC-J2SJ4KT1K	HG-KR73 (B) G7 1/5	× (Note 3)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS73 (B) G2 1/9			HG-KR73 (B) G7 1/11				
MR-J2S-70A	HC-KFS73 (B) G2 1/20	MR-J4-70A	SC-J2SJ4KT1K	HG-KR73 (B) G7 1/21	× (Note 3)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS73 (B) G2 1/29			HG-KR73 (B) G7 1/33				

See page 2-26 for important points to note.

(2) Existing HC-KFS motor series (G5, G7 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)	(3)	(4)		(5)		
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)		Secondary replacement/Package replacement models				
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo motor model (Note 1)	Com- patibility	Motor side conversion cable model		
						Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Small capacity/low inertia HC-KFS series with high-precision reducer, flange output type (G5)] ((B) represents models with brake)								
MR-J2S-10A	HC-KFS053 (B) G5 1/5	MR-J4-10A	SC-J2SJ4KT02K	HG-KR053 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS053 (B) G5 1/11			HG-KR053 (B) G5 1/11				
	HC-KFS053 (B) G5 1/21			HG-KR053 (B) G5 1/21				
	HC-KFS053 (B) G5 1/33			HG-KR053 (B) G5 1/33				
	HC-KFS053 (B) G5 1/45			HG-KR053 (B) G5 1/45				
	HC-KFS13 (B) G5 1/5			HG-KR13 (B) G5 1/5				
	HC-KFS13 (B) G5 1/11			HG-KR13 (B) G5 1/11				
	HC-KFS13 (B) G5 1/21			HG-KR13 (B) G5 1/21				
MR-J2S-20A	HC-KFS23 (B) G5 1/5	MR-J4-20A	SC-J2SJ4KT02K	HG-KR23 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS23 (B) G5 1/11			HG-KR23 (B) G5 1/11				
	HC-KFS23 (B) G5 1/21			HG-KR23 (B) G5 1/21				
	HC-KFS23 (B) G5 1/33			HG-KR23 (B) G5 1/33				
MR-J2S-40A	HC-KFS43 (B) G5 1/5	MR-J4-40A	SC-J2SJ4KT06K	HG-KR43 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS43 (B) G5 1/11			HG-KR43 (B) G5 1/11				
	HC-KFS43 (B) G5 1/21			HG-KR43 (B) G5 1/21				
	HC-KFS43 (B) G5 1/33			HG-KR43 (B) G5 1/33				
MR-J2S-70A	HC-KFS73 (B) G5 1/5	MR-J4-70A	SC-J2SJ4KT1K	HG-KR73 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS73 (B) G5 1/11			HG-KR73 (B) G5 1/11				
	HC-KFS73 (B) G5 1/21			HG-KR73 (B) G5 1/21				
	HC-KFS73 (B) G5 1/33			HG-KR73 (B) G5 1/33				
[Small capacity/low inertia HC-KFS series with high-precision reducer, shaft output type (G7)] ((B) represents models with brake)								
MR-J2S-10A	HC-KFS053 (B) G7 1/5	MR-J4-10A	SC-J2SJ4KT02K	HG-KR053 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS053 (B) G7 1/11			HG-KR053 (B) G7 1/11				
	HC-KFS053 (B) G7 1/21			HG-KR053 (B) G7 1/21				
	HC-KFS053 (B) G7 1/33			HG-KR053 (B) G7 1/33				
	HC-KFS053 (B) G7 1/45			HG-KR053 (B) G7 1/45				
	HC-KFS13 (B) G7 1/5			HG-KR13 (B) G7 1/5				
	HC-KFS13 (B) G7 1/11			HG-KR13 (B) G7 1/11				
	HC-KFS13 (B) G7 1/21			HG-KR13 (B) G7 1/21				
MR-J2S-20A	HC-KFS23 (B) G7 1/5	MR-J4-20A	SC-J2SJ4KT02K	HG-KR23 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS23 (B) G7 1/11			HG-KR23 (B) G7 1/11				
	HC-KFS23 (B) G7 1/21			HG-KR23 (B) G7 1/21				
	HC-KFS23 (B) G7 1/33			HG-KR23 (B) G7 1/33				
MR-J2S-40A	HC-KFS43 (B) G7 1/5	MR-J4-40A	SC-J2SJ4KT06K	HG-KR43 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS43 (B) G7 1/11			HG-KR43 (B) G7 1/11				
	HC-KFS43 (B) G7 1/21			HG-KR43 (B) G7 1/21				
	HC-KFS43 (B) G7 1/33			HG-KR43 (B) G7 1/33				
MR-J2S-70A	HC-KFS73 (B) G7 1/5	MR-J4-70A	SC-J2SJ4KT1K	HG-KR73 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS73 (B) G7 1/11			HG-KR73 (B) G7 1/11				
	HC-KFS73 (B) G7 1/21			HG-KR73 (B) G7 1/21				
	HC-KFS73 (B) G7 1/33			HG-KR73 (B) G7 1/33				

See page 2-26 for important points to note.

(3) Existing HC-KFS46, KFS410 motor

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)	(3)	(4)	(5)		(6)	(7)		
Existing model (Note 13)		Primary replacement model (Note 5)		Secondary replacement/Package replacement models						
Servo amplifier model	Servo motor model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo amplifier model (Note 1)	Servo motor Model (Note 1)	Compatibility	Renewalkit model	Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Small capacity/low inertia HC-KFS series, standard/with brake] ((B) represents models with brake)										
MR-J2S-70A	HC-KFS46	MR-J4-70A (Note 10)	SC-J2SJ4KT1K	MR-J4-40A (Note 10)	HG-KR43	△ (Note 4) (Note 15)	(Note 11)	Without brake: SC-J2SJ4PW1C03M- ■ With brake: SC-J2SJ4PWBK1C03M- ■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS410									

See page 2-26 for important points to note.

(4) Existing HC-MFS motor series (standard/with brake, G1, G2 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)	(3)	(4)		(5)		
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)		Secondary replacement/Package replacement models				
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo motor model (Note 1)	Com- patibility	Motor side conversion cable model		
						Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Small capacity/ultra-low inertia HC-MFS series, standard/with brake] ((B) represents models with brake)								
MR-J2S-10A	HC-MFS053 (B) HC-MFS13 (B)	MR-J4-10A	SC-J2S.J4KT02K	HG-MR053 (B) HG-MR13 (B)	○	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
MR-J2S-20A	HC-MFS23 (B)	MR-J4-20A		HG-MR23 (B)				
MR-J2S-40A	HC-MFS43 (B)	MR-J4-40A	SC-J2S.J4KT06K	HG-MR43 (B)				
MR-J2S-70A	HC-MFS73 (B)	MR-J4-70A	SC-J2S.J4KT1K	HG-MR73 (B)				
[Small capacity/ultra-low inertia HC-MFS series with general reducer (G1)] ((B) represents models with brake)								
MR-J2S-10A	HC-MFS053 (B) G1 1/5	MR-J4-10A	SC-J2S.J4KT02K	HG-KR053 (B) G1 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-MFS053 (B) G1 1/12			HG-KR053 (B) G1 1/12				
	HC-MFS053 (B) G1 1/20			HG-KR053 (B) G1 1/20				
	HC-MFS13 (B) G1 1/5			HG-KR13 (B) G1 1/5				
	HC-MFS13 (B) G1 1/12			HG-KR13 (B) G1 1/12				
HC-MFS13 (B) G1 1/20	HG-KR13 (B) G1 1/20							
MR-J2S-20A	HC-MFS23 (B) G1 1/5	MR-J4-20A		HG-KR23 (B) G1 1/5				
	HC-MFS23 (B) G1 1/12			HG-KR23 (B) G1 1/12 (Note 2)				
	HC-MFS23 (B) G1 1/20			HG-KR23 (B) G1 1/20 (Note 2)				
MR-J2S-40A	HC-MFS43 (B) G1 1/5	MR-J4-40A	SC-J2S.J4KT06K	HG-KR43 (B) G1 1/5				
	HC-MFS43 (B) G1 1/12			HG-KR43 (B) G1 1/12 (Note 2)				
MR-J2S-70A	HC-MFS43 (B) G1 1/20			HG-KR43 (B) G1 1/20 (Note 2)				
	HC-MFS73 (B) G1 1/5	MR-J4-70A	SC-J2S.J4KT1K	HG-KR73 (B) G1 1/5				
HC-MFS73 (B) G1 1/12	HG-KR73 (B) G1 1/12 (Note 2)							
HC-MFS73 (B) G1 1/20	HG-KR73 (B) G1 1/20							
[Small capacity/ultra-low inertia HC-MFS series with high-precision reducer (G2)] ((B) represents models with brake)								
MR-J2S-10A	HC-MFS053 (B) G2 1/5	MR-J4-10A	SC-J2S.J4KT02K	HG-KR053 (B) G2 1/5	× (Note 3) (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-MFS053 (B) G2 1/9			HG-KR053 (B) G2 1/9				
	HC-MFS053 (B) G2 1/20			HG-KR053 (B) G2 1/20				
	HC-MFS053 (B) G2 1/29			HG-KR053 (B) G2 1/29				
	HC-MFS13 (B) G2 1/5			HG-KR13 (B) G2 1/5				
	HC-MFS13 (B) G2 1/9			HG-KR13 (B) G2 1/9				
HC-MFS13 (B) G2 1/20	HG-KR13 (B) G2 1/20							
HC-MFS13 (B) G2 1/29	HG-KR13 (B) G2 1/29							
MR-J2S-20A	HC-MFS23 (B) G2 1/5	MR-J4-20A		HG-KR23 (B) G2 1/5				
	HC-MFS23 (B) G2 1/9			HG-KR23 (B) G2 1/9				
	HC-MFS23 (B) G2 1/20			HG-KR23 (B) G2 1/20				
	HC-MFS23 (B) G2 1/29			HG-KR23 (B) G2 1/29				
MR-J2S-40A	HC-MFS43 (B) G2 1/5	MR-J4-40A	SC-J2S.J4KT06K	HG-KR43 (B) G2 1/5				
	HC-MFS43 (B) G2 1/9			HG-KR43 (B) G2 1/9				
	HC-MFS43 (B) G2 1/20			HG-KR43 (B) G2 1/20				
	HC-MFS43 (B) G2 1/29			HG-KR43 (B) G2 1/29				
MR-J2S-70A	HC-MFS73 (B) G2 1/5	MR-J4-70A	SC-J2S.J4KT1K	HG-KR73 (B) G2 1/5				
	HC-MFS73 (B) G2 1/9			HG-KR73 (B) G2 1/9				
	HC-MFS73 (B) G2 1/20			HG-KR73 (B) G2 1/20				
	HC-MFS73 (B) G2 1/29			HG-KR73 (B) G2 1/29				

See page 2-26 for important points to note.

(5) Existing HC-MFS motor series (G5, G7 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)	(3)	(4)		(5)		
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)		Secondary replacement/Package replacement models				
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo motor model (Note 1)	Motor side conversion cable model			
					Com- patibility	Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Small capacity/ultra-low inertia HC-MFS series with high-precision reducer, flange output type (G5)] ((B) represents models with brake)								
MR-J2S-10A	HC-MFS053 (B) G5 1/5	MR-J4-10A	SC-J2SJ4KT02K	HG-KR053 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-MFS053 (B) G5 1/11			HG-KR053 (B) G5 1/11				
	HC-MFS053 (B) G5 1/21			HG-KR053 (B) G5 1/21				
	HC-MFS053 (B) G5 1/33			HG-KR053 (B) G5 1/33				
	HC-MFS053 (B) G5 1/45			HG-KR053 (B) G5 1/45				
	HC-MFS13 (B) G5 1/5			HG-KR13 (B) G5 1/5				
	HC-MFS13 (B) G5 1/11			HG-KR13 (B) G5 1/11				
	HC-MFS13 (B) G5 1/21			HG-KR13 (B) G5 1/21				
	HC-MFS13 (B) G5 1/33			HG-KR13 (B) G5 1/33				
	HC-MFS13 (B) G5 1/45			HG-KR13 (B) G5 1/45				
MR-J2S-20A	HC-MFS23 (B) G5 1/5	MR-J4-20A	SC-J2SJ4KT02K	HG-KR23 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-MFS23 (B) G5 1/11			HG-KR23 (B) G5 1/11				
	HC-MFS23 (B) G5 1/21			HG-KR23 (B) G5 1/21				
	HC-MFS23 (B) G5 1/33			HG-KR23 (B) G5 1/33				
MR-J2S-40A	HC-MFS43 (B) G5 1/5	MR-J4-40A	SC-J2SJ4KT06K	HG-KR43 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-MFS43 (B) G5 1/11			HG-KR43 (B) G5 1/11				
	HC-MFS43 (B) G5 1/21			HG-KR43 (B) G5 1/21				
	HC-MFS43 (B) G5 1/33			HG-KR43 (B) G5 1/33				
MR-J2S-70A	HC-MFS73 (B) G5 1/5	MR-J4-70A	SC-J2SJ4KT1K	HG-KR73 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-MFS73 (B) G5 1/11			HG-KR73 (B) G5 1/11				
	HC-MFS73 (B) G5 1/21			HG-KR73 (B) G5 1/21				
	HC-MFS73 (B) G5 1/33			HG-KR73 (B) G5 1/33				
[Small capacity/low inertia HC-MFS series with high-precision reducer, shaft output type (G7)] ((B) represents models with brake)								
MR-J2S-10A	HC-MFS053 (B) G7 1/5	MR-J4-10A	SC-J2SJ4KT02K	HG-KR053 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-MFS053 (B) G7 1/11			HG-KR053 (B) G7 1/11				
	HC-MFS053 (B) G7 1/21			HG-KR053 (B) G7 1/21				
	HC-MFS053 (B) G7 1/33			HG-KR053 (B) G7 1/33				
	HC-MFS053 (B) G7 1/45			HG-KR053 (B) G7 1/45				
	HC-MFS13 (B) G7 1/5			HG-KR13 (B) G7 1/5				
	HC-MFS13 (B) G7 1/11			HG-KR13 (B) G7 1/11				
	HC-MFS13 (B) G7 1/21			HG-KR13 (B) G7 1/21				
	HC-MFS13 (B) G7 1/33			HG-KR13 (B) G7 1/33				
	HC-MFS13 (B) G7 1/45			HG-KR13 (B) G7 1/45				
MR-J2S-20A	HC-MFS23 (B) G7 1/5	MR-J4-20A	SC-J2SJ4KT02K	HG-KR23 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-MFS23 (B) G7 1/11			HG-KR23 (B) G7 1/11				
	HC-MFS23 (B) G7 1/21			HG-KR23 (B) G7 1/21				
	HC-MFS23 (B) G7 1/33			HG-KR23 (B) G7 1/33				
MR-J2S-40A	HC-MFS43 (B) G7 1/5	MR-J4-40A	SC-J2SJ4KT06K	HG-KR43 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-MFS43 (B) G7 1/11			HG-KR43 (B) G7 1/11				
	HC-MFS43 (B) G7 1/21			HG-KR43 (B) G7 1/21				
	HC-MFS43 (B) G7 1/33			HG-KR43 (B) G7 1/33				
MR-J2S-70A	HC-MFS73 (B) G7 1/5	MR-J4-70A	SC-J2SJ4KT1K	HG-KR73 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-MFS73 (B) G7 1/11			HG-KR73 (B) G7 1/11				
	HC-MFS73 (B) G7 1/21			HG-KR73 (B) G7 1/21				
	HC-MFS73 (B) G7 1/33			HG-KR73 (B) G7 1/33				

See page 2-26 for important points to note.



(6) Existing HC-SFS motor series (standard/with brake, G2 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)	(3)	(4)		(5)												
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)		Secondary replacement/Package replacement models														
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo motor model (Note 1)	Com- patibility	Motor side conversion cable model												
						Power supply conversion cable	Encoder conversion cable	Brake conversion cable										
[Medium capacity/medium inertia HC-SFS series, standard/with brake] ((B) represents models with brake)																		
MR-J2S-60A	HC-SFS52 (B) HC-SFS53 (B)	MR-J4-60A	SC-J2SJ4KT06K	HG-SR52 (B)	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)										
MR-J2S-100A	HC-SFS81 (B) HC-SFS102 (B) HC-SFS103 (B)	MR-J4-100A	SC-J2SJ4KT1K	HG-SR81 (B) HG-SR102 (B)														
	MR-J2S-200A			HC-SFS121 (B) HC-SFS152 (B) HC-SFS153 (B) HC-SFS201 (B) HC-SFS202 (B) HC-SFS203 (B)					MR-J4-200A	SC-J2SJ4KT3K	HG-SR121 (B) HG-SR152 (B) HG-SR201 (B) HG-SR202 (B)							
MR-J2S-350A		HC-SFS301 (B) HC-SFS352 (B) HC-SFS353 (B)	MR-J4-350A	SC-J2SJ4KT5K							HG-SR301 (B) HG-SR352 (B)							
		MR-J2S-500A									HC-SFS502 (B)	MR-J4-500A	SC-J2SJ4KT7K	HG-SR502 (B)				
MR-J2S-700A		HC-SFS702 (B)	MR-J4-700A	SC-J2SJ4KT7K							HG-SR702 (B)	Existing cable can be used.						
[Medium capacity/medium inertia HC-SFS series with high-precision reducer (G2)] ((B) represents models with brake)																		
MR-J2S-60A	HC-SFS52 (B) G2 1/5 HC-SFS52 (B) G2 1/9 HC-SFS52 (B) G2 1/20 HC-SFS52 (B) G2 1/29 HC-SFS52 (B) G2 1/45	MR-J4-60A	SC-J2SJ4KT06K	HG-SR52 (B) G7 1/5 HG-SR52 (B) G7 1/11 HG-SR52 (B) G7 1/21 HG-SR52 (B) G7 1/33 HG-SR52 (B) G7 1/45					× (Note 3) (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)						
	MR-J2S-100A			HC-SFS102 (B) G2 1/5 HC-SFS102 (B) G2 1/9 HC-SFS102 (B) G2 1/20 HC-SFS102 (B) G2 1/29 HC-SFS102 (B) G2 1/45									MR-J4-100A	SC-J2SJ4KT1K	HG-SR102 (B) G7 1/5 HG-SR102 (B) G7 1/11 HG-SR102 (B) G7 1/21 HG-SR102 (B) G7 1/33 HG-SR102 (B) G7 1/45			
				MR-J2S-200A											HC-SFS152 (B) G2 1/5 HC-SFS152 (B) G2 1/9 HC-SFS152 (B) G2 1/20 HC-SFS152 (B) G2 1/29 HC-SFS152 (B) G2 1/45 HC-SFS202 (B) G2 1/5 HC-SFS202 (B) G2 1/9 HC-SFS202 (B) G2 1/20 HC-SFS202 (B) G2 1/29 HC-SFS202 (B) G2 1/45	MR-J4-200A	SC-J2SJ4KT3K	HG-SR152 (B) G7 1/5 HG-SR152 (B) G7 1/11 HG-SR152 (B) G7 1/21 HG-SR152 (B) G7 1/33 HG-SR152 (B) G7 1/45 HG-SR202 (B) G7 1/5 HG-SR202 (B) G7 1/11 HG-SR202 (B) G7 1/21 HG-SR202 (B) G7 1/33 HG-SR202 (B) G7 1/45
															MR-J2S-350A			HC-SFS352 (B) G2 1/5 HC-SFS352 (B) G2 1/9 HC-SFS352 (B) G2 1/20
MR-J2S-500A		HC-SFS502 (B) G2 1/5 HC-SFS502 (B) G2 1/9	MR-J4-500A															SC-J2SJ4KT7K
MR-J2S-700A	HC-SFS702 (B) G2 1/5	MR-J4-700A	SC-J2SJ4KT7K										HG-SR702 (B) G7 1/5	Existing cable can be used.				

See page 2-26 for important points to note.

(7) Existing HC-SFS motor series (G1 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)	(3)	(4)		(5)		
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)		Secondary replacement/Package replacement models				
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo motor model (Note 1)	Motor side conversion cable model			
					Com- patibility	Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Medium capacity/medium inertia HC-SFS series with general reducer (G1)] ((B) represents models with brake, (H) represents foot-mounting)								
MR-J2S-60A	HC-SFS52(B)G1(H)1/6	MR-J4-60A	SC-J2SJ4KT06K	HG-SR52(B)G1(H)1/6	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-SFS52(B)G1(H)1/11			HG-SR52(B)G1(H)1/11				
	HC-SFS52(B)G1(H)1/17			HG-SR52(B)G1(H)1/17				
	HC-SFS52(B)G1(H)1/29			HG-SR52(B)G1(H)1/29				
	HC-SFS52(B)G1(H)1/35			HG-SR52(B)G1(H)1/35				
	HC-SFS52(B)G1(H)1/43			HG-SR52(B)G1(H)1/43				
HC-SFS52(B)G1(H)1/59	HG-SR52(B)G1(H)1/59							
MR-J2S-100A	HC-SFS102(B)G1(H)1/6	MR-J4-100A	SC-J2SJ4KT1K	HG-SR102(B)G1(H)1/6	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-SFS102(B)G1(H)1/11			HG-SR102(B)G1(H)1/11				
	HC-SFS102(B)G1(H)1/17			HG-SR102(B)G1(H)1/17				
	HC-SFS102(B)G1(H)1/29			HG-SR102(B)G1(H)1/29				
	HC-SFS102(B)G1(H)1/35			HG-SR102(B)G1(H)1/35				
	HC-SFS102(B)G1(H)1/43			HG-SR102(B)G1(H)1/43				
HC-SFS102(B)G1(H)1/59	HG-SR102(B)G1(H)1/59							
MR-J2S-200A	HC-SFS152(B)G1(H)1/6	MR-J4-200A	SC-J2SJ4KT3K	HG-SR152(B)G1(H)1/6	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-SFS152(B)G1(H)1/11			HG-SR152(B)G1(H)1/11				
	HC-SFS152(B)G1(H)1/17			HG-SR152(B)G1(H)1/17				
	HC-SFS152(B)G1(H)1/29			HG-SR152(B)G1(H)1/29				
	HC-SFS152(B)G1(H)1/35			HG-SR152(B)G1(H)1/35				
	HC-SFS152(B)G1(H)1/43			HG-SR152(B)G1(H)1/43				
	HC-SFS152(B)G1(H)1/59			HG-SR152(B)G1(H)1/59				
	HC-SFS202(B)G1(H)1/6			HG-SR202(B)G1(H)1/6				
	HC-SFS202(B)G1(H)1/11			HG-SR202(B)G1(H)1/11				
	HC-SFS202(B)G1(H)1/17			HG-SR202(B)G1(H)1/17				
	HC-SFS202(B)G1(H)1/29			HG-SR202(B)G1(H)1/29				
	HC-SFS202(B)G1(H)1/35			HG-SR202(B)G1(H)1/35				
HC-SFS202(B)G1(H)1/43	HG-SR202(B)G1(H)1/43							
HC-SFS202(B)G1(H)1/59	HG-SR202(B)G1(H)1/59							
MR-J2S-350A	HC-SFS352(B)G1(H)1/6	MR-J4-350A	SC-J2SJ4KT5K	HG-SR352(B)G1(H)1/6	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-SFS352(B)G1(H)1/11			HG-SR352(B)G1(H)1/11				
	HC-SFS352(B)G1(H)1/17			HG-SR352(B)G1(H)1/17				
	HC-SFS352(B)G1(H)1/29			HG-SR352(B)G1(H)1/29				
	HC-SFS352(B)G1(H)1/35			HG-SR352(B)G1(H)1/35				
	HC-SFS352(B)G1(H)1/43			HG-SR352(B)G1(H)1/43				
HC-SFS352(B)G1(H)1/59	HG-SR352(B)G1(H)1/59							
MR-J2S-500A	HC-SFS502(B)G1(H)1/6	MR-J4-500A	SC-J2SJ4KT5K	HG-SR502(B)G1(H)1/6	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-SFS502(B)G1(H)1/11			HG-SR502(B)G1(H)1/11				
	HC-SFS502(B)G1(H)1/17			HG-SR502(B)G1(H)1/17				
	HC-SFS502(B)G1(H)1/29			HG-SR502(B)G1(H)1/29				
	HC-SFS502(B)G1(H)1/35			HG-SR502(B)G1(H)1/35				
	HC-SFS502(B)G1(H)1/43			HG-SR502(B)G1(H)1/43				
HC-SFS502(B)G1(H)1/59	HG-SR502(B)G1(H)1/59							
MR-J2S-700A	HC-SFS702(B)G1(H)1/6	MR-J4-700A	SC-J2SJ4KT7K	HG-SR702(B)G1(H)1/6	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-SFS702(B)G1(H)1/11			HG-SR702(B)G1(H)1/11				
	HC-SFS702(B)G1(H)1/17			HG-SR702(B)G1(H)1/17				
	HC-SFS702(B)G1(H)1/29			HG-SR702(B)G1(H)1/29				
	HC-SFS702(B)G1(H)1/35			HG-SR702(B)G1(H)1/35				
	HC-SFS702(B)G1(H)1/43			HG-SR702(B)G1(H)1/43				
HC-SFS702(B)G1(H)1/59	HG-SR702(B)G1(H)1/59							

See page 2-26 for important points to note.

(8) Existing HC-SFS motor series (G5, G7 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)	(3)	(4)		(5)		
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)		Secondary replacement/Package replacement models				
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo motor model (Note 1)	Motor side conversion cable model			
					Com- patibility	Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Medium capacity/medium inertia HC-SFS series with high-precision reducer, flange output type (G5)] ((B) represents models with brake)								
MR-J2S-60A	HC-SFS52 (B) G5 1/5	MR-J4-60A	SC-J2SJ4KT06K	HG-SR52 (B) G5 1/5	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-SFS52 (B) G5 1/11			HG-SR52 (B) G5 1/11				
	HC-SFS52 (B) G5 1/21			HG-SR52 (B) G5 1/21				
	HC-SFS52 (B) G5 1/33			HG-SR52 (B) G5 1/33				
HC-SFS52 (B) G5 1/45	HG-SR52 (B) G5 1/45							
MR-J2S-100A	HC-SFS102 (B) G5 1/5	MR-J4-100A	SC-J2SJ4KT1K	HG-SR102 (B) G5 1/5				
	HC-SFS102 (B) G5 1/11			HG-SR102 (B) G5 1/11				
	HC-SFS102 (B) G5 1/21			HG-SR102 (B) G5 1/21				
	HC-SFS102 (B) G5 1/33			HG-SR102 (B) G5 1/33				
HC-SFS102 (B) G5 1/45	HG-SR102 (B) G5 1/45							
MR-J2S-200A	HC-SFS152 (B) G5 1/5	MR-J4-200A	SC-J2SJ4KT3K	HG-SR152 (B) G5 1/5				
	HC-SFS152 (B) G5 1/11			HG-SR152 (B) G5 1/11				
	HC-SFS152 (B) G5 1/21			HG-SR152 (B) G5 1/21				
	HC-SFS152 (B) G5 1/33			HG-SR152 (B) G5 1/33				
	HC-SFS152 (B) G5 1/45			HG-SR152 (B) G5 1/45				
	HC-SFS202 (B) G5 1/5			HG-SR202 (B) G5 1/5				
	HC-SFS202 (B) G5 1/11			HG-SR202 (B) G5 1/11				
	HC-SFS202 (B) G5 1/21			HG-SR202 (B) G5 1/21				
HC-SFS202 (B) G5 1/33	HG-SR202 (B) G5 1/33							
HC-SFS202 (B) G5 1/45	HG-SR202 (B) G5 1/45							
MR-J2S-350A	HC-SFS352 (B) G5 1/5	MR-J4-350A	SC-J2SJ4KT5K	HG-SR352 (B) G5 1/5				
	HC-SFS352 (B) G5 1/11			HG-SR352 (B) G5 1/11				
MR-J2S-500A	HC-SFS502 (B) G5 1/5	MR-J4-500A	SC-J2SJ4KT5K	HG-SR502 (B) G5 1/5				
MR-J2S-700A	HC-SFS702 (B) G5 1/5	MR-J4-700A	SC-J2SJ4KT7K	HG-SR702 (B) G5 1/5				
Existing cable can be used.								
[Medium capacity/medium inertia HC-SFS series with high-precision reducer, shaft output type (G7)] ((B) represents models with brake)								
MR-J2S-60A	HC-SFS52 (B) G7 1/5	MR-J4-60A	SC-J2SJ4KT06K	HG-SR52 (B) G7 1/5	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-SFS52 (B) G7 1/11			HG-SR52 (B) G7 1/11				
	HC-SFS52 (B) G7 1/21			HG-SR52 (B) G7 1/21				
	HC-SFS52 (B) G7 1/33			HG-SR52 (B) G7 1/33				
HC-SFS52 (B) G7 1/45	HG-SR52 (B) G7 1/45							
MR-J2S-100A	HC-SFS102 (B) G7 1/5	MR-J4-100A	SC-J2SJ4KT1K	HG-SR102 (B) G7 1/5				
	HC-SFS102 (B) G7 1/11			HG-SR102 (B) G7 1/11				
	HC-SFS102 (B) G7 1/21			HG-SR102 (B) G7 1/21				
	HC-SFS102 (B) G7 1/33			HG-SR102 (B) G7 1/33				
HC-SFS102 (B) G7 1/45	HG-SR102 (B) G7 1/45							
MR-J2S-200A	HC-SFS152 (B) G7 1/5	MR-J4-200A	SC-J2SJ4KT3K	HG-SR152 (B) G7 1/5				
	HC-SFS152 (B) G7 1/11			HG-SR152 (B) G7 1/11				
	HC-SFS152 (B) G7 1/21			HG-SR152 (B) G7 1/21				
	HC-SFS152 (B) G7 1/33			HG-SR152 (B) G7 1/33				
	HC-SFS152 (B) G7 1/45			HG-SR152 (B) G7 1/45				
	HC-SFS202 (B) G7 1/5			HG-SR202 (B) G7 1/5				
	HC-SFS202 (B) G7 1/11			HG-SR202 (B) G7 1/11				
	HC-SFS202 (B) G7 1/21			HG-SR202 (B) G7 1/21				
HC-SFS202 (B) G7 1/33	HG-SR202 (B) G7 1/33							
HC-SFS202 (B) G7 1/45	HG-SR202 (B) G7 1/45							
MR-J2S-350A	HC-SFS352 (B) G7 1/5	MR-J4-350A	SC-J2SJ4KT5K	HG-SR352 (B) G7 1/5				
	HC-SFS352 (B) G7 1/11			HG-SR352 (B) G7 1/11				
MR-J2S-500A	HC-SFS502 (B) G7 1/5	MR-J4-500A	SC-J2SJ4KT5K	HG-SR502 (B) G7 1/5				
MR-J2S-700A	HC-SFS702 (B) G7 1/5	MR-J4-700A	SC-J2SJ4KT7K	HG-SR702 (B) G7 1/5				
Existing cable can be used.								

See page 2-26 for important points to note.

(9) Existing HC-RFS motor series (standard/with brake, G2 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)		(3)		(4)		(5)		(6)		(7)						
Existing model (Note 13)		Primary replacement model (Note 5)		Secondary replacement/Package replacement models														
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo amplifier model (Note 1)	Servo motor Model (Note 1)	Com- patibility	Renewal kit model	Motor side conversion cable										
								Power supply conversion cable	Encoder conversion cable	Brake conversion cable								
[Medium capacity/ultra-low inertia HC-RFS series, standard/with brake] ((B) represents models with brake)																		
MR-J2S-200A	HC-RFS103 (B)	MR-J4-200A	SC-J2SJ4KT3K	MR-J4-200A	HG-RR103 (B)	○	SC-J2SJ4KT3K	Existing cable can be used.	SC-HAJ3ENM3C1M	Existing cable can be used.								
	HC-RFS153 (B)				HG-RR153 (B)													
MR-J2S-350A	HC-RFS203 (B)	MR-J4-350A		MR-J4-350A	HG-RR203 (B)													
MR-J2S-500A	HC-RFS353 (B)	MR-J4-500A	SC-J2SJ4KT5K	MR-J4-500A	HG-RR353 (B)	○	SC-J2SJ4KT5K	Existing cable can be used.	SC-HAJ3ENM3C1M	Existing cable can be used.								
	HC-RFS503 (B)				HG-RR503 (B)													
[Medium capacity/ultra-low inertia HC-RFS series with high-precision reducer (G2)] ((B) represents models with brake)																		
MR-J2S-200A	HC-RFS103 (B) G2 1/5	MR-J4-200A (Note 10)	SC-J2SJ4KT3K	MR-J4-100A (Note 10)	HG-SR102 (B) G7 1/5	× (Note 3) (Note 4)	SC-J2SJ4KT3K	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)								
	HC-RFS103 (B) G2 1/9				HG-SR102 (B) G7 1/11													
	HC-RFS103 (B) G2 1/20				HG-SR102 (B) G7 1/21													
	HC-RFS103 (B) G2 1/29				HG-SR102 (B) G7 1/33													
	HC-RFS103 (B) G2 1/45				HG-SR102 (B) G7 1/45													
	HC-RFS153 (B) G2 1/5	MR-J4-200A	SC-J2SJ4KT3K	MR-J4-200A	HG-SR152 (B) G7 1/5													
	HC-RFS153 (B) G2 1/9				HG-SR152 (B) G7 1/11													
	HC-RFS153 (B) G2 1/20				HG-SR152 (B) G7 1/21													
	HC-RFS153 (B) G2 1/29				HG-SR152 (B) G7 1/33													
	HC-RFS153 (B) G2 1/45				HG-SR152 (B) G7 1/45													
MR-J2S-350A	HC-RFS203 (B) G2 1/5	MR-J4-350A (Note 10)	SC-J2SJ4KT3K	MR-J4-200A (Note 10)	HG-SR202 (B) G7 1/5													
	HC-RFS203 (B) G2 1/9				HG-SR202 (B) G7 1/11													
	HC-RFS203 (B) G2 1/20				HG-SR202 (B) G7 1/21													
	HC-RFS203 (B) G2 1/29				HG-SR202 (B) G7 1/33													
MR-J2S-500A	HC-RFS353 (B) G2 1/5	MR-J4-500A (Note 10)	SC-J2SJ4KT5K	MR-J4-350A (Note 10)	HG-SR352 (B) G7 1/5	× (Note 3) (Note 4)	SC-J2SJ4KT3K	SC-HAJ3PW1C1M	SC-HAJ3ENM3C1M	(Note 7)								
	HC-RFS353 (B) G2 1/9				HG-SR352 (B) G7 1/11													
	HC-RFS353 (B) G2 1/20				HG-SR352 (B) G7 1/21													
	HC-RFS503 (B) G2 1/5	MR-J4-500A	SC-J2SJ4KT5K	MR-J4-500A	HG-SR502 (B) G7 1/5													
	HC-RFS503 (B) G2 1/9				HG-SR502 (B) G7 1/11													
	HC-RFS503 (B) G2 1/20				HG-SR502 (B) G7 1/11													

See page 2-26 for important points to note.

(10) Existing HC-RFS motor series (G5, G7 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)	(3)	(4)	(5)		(6)	(7)		
Existing model (Note 13)		Primary replacement model (Note 5)		Secondary replacement/Package replacement models						
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo amplifier model (Note 1)	Servo motor Model (Note 1)	Com- patibility	Renewal kit model	Motor side conversion cable		
								Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Medium capacity/ultra-low inertia HC-RFS series with high-precision reducer, flange output type (G5)] ((B) represents models with brake)										
MR-J2S-200A	HC-RFS103 (B) G5 1/5	MR-J4-200A (Note 10)	SC-J2SJ4KT3K	MR-J4-100A (Note 10)	HG-SR102 (B) G5 1/5	× (Note 3) (Note 4)	(Note 11)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-RFS103 (B) G5 1/11				HG-SR102 (B) G5 1/11					
	HC-RFS103 (B) G5 1/21				HG-SR102 (B) G5 1/21					
	HC-RFS103 (B) G5 1/33				HG-SR102 (B) G5 1/33					
	HC-RFS103 (B) G5 1/45			HG-SR102 (B) G5 1/45						
	HC-RFS153 (B) G5 1/5	MR-J4-200A		HG-SR152 (B) G5 1/5						
	HC-RFS153 (B) G5 1/11			HG-SR152 (B) G5 1/11						
	HC-RFS153 (B) G5 1/21			HG-SR152 (B) G5 1/21						
	HC-RFS153 (B) G5 1/33			HG-SR152 (B) G5 1/33						
	HC-RFS153 (B) G5 1/45			HG-SR152 (B) G5 1/45						
	HC-RFS203 (B) G5 1/5	MR-J4-350A (Note 10)		HG-SR202 (B) G5 1/5						
	HC-RFS203 (B) G5 1/11			HG-SR202 (B) G5 1/11						
HC-RFS203 (B) G5 1/21	HG-SR202 (B) G5 1/21									
HC-RFS203 (B) G5 1/33	HG-SR202 (B) G5 1/33									
HC-RFS203 (B) G5 1/45		HG-SR202 (B) G5 1/45								
MR-J2S-500A	HC-RFS353 (B) G5 1/5	MR-J4-500A (Note 10)	SC-J2SJ4KT5K	MR-J4-350A (Note 10)	HG-SR352 (B) G5 1/5	× (Note 3) (Note 4)	(Note 11)	SC-HAJ3PW1C1M		
	HC-RFS353 (B) G5 1/11				HG-SR352 (B) G5 1/11					
	HC-RFS353 (B) G5 1/21			HG-SR352 (B) G5 1/21						
	HC-RFS353 (B) G5 1/33			HG-SR502 (B) G5 1/5						
	HC-RFS503 (B) G5 1/5	MR-J4-500A		HG-SR502 (B) G5 1/5						
	HC-RFS503 (B) G5 1/11			HG-SR502 (B) G5 1/11						
HC-RFS503 (B) G5 1/21		HG-SR502 (B) G5 1/21								
[Medium capacity/ultra-low inertia HC-RFS series with high-precision reducer, shaft output type (G7)] ((B) represents models with brake)										
MR-J2S-200A	HC-RFS103 (B) G7 1/5	MR-J4-200A (Note 10)	SC-J2SJ4KT3K	MR-J4-100A (Note 10)	HG-SR102 (B) G7 1/5	× (Note 3) (Note 4)	(Note 11)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-RFS103 (B) G7 1/11				HG-SR102 (B) G7 1/11					
	HC-RFS103 (B) G7 1/21				HG-SR102 (B) G7 1/21					
	HC-RFS103 (B) G7 1/33				HG-SR102 (B) G7 1/33					
	HC-RFS103 (B) G7 1/45			HG-SR102 (B) G7 1/45						
	HC-RFS153 (B) G7 1/5	MR-J4-200A		HG-SR152 (B) G7 1/5						
	HC-RFS153 (B) G7 1/11			HG-SR152 (B) G7 1/11						
	HC-RFS153 (B) G7 1/21			HG-SR152 (B) G7 1/21						
	HC-RFS153 (B) G7 1/33			HG-SR152 (B) G7 1/33						
	HC-RFS153 (B) G7 1/45			HG-SR152 (B) G7 1/45						
	HC-RFS203 (B) G7 1/5	MR-J4-350A (Note 10)		HG-SR202 (B) G7 1/5						
	HC-RFS203 (B) G7 1/11			HG-SR202 (B) G7 1/11						
HC-RFS203 (B) G7 1/21	HG-SR202 (B) G7 1/21									
HC-RFS203 (B) G7 1/33	HG-SR202 (B) G7 1/33									
HC-RFS203 (B) G7 1/45		HG-SR202 (B) G7 1/45								
MR-J2S-500A	HC-RFS353 (B) G7 1/5	MR-J4-500A (Note 10)	SC-J2SJ4KT5K	MR-J4-350A (Note 10)	HG-SR352 (B) G7 1/5	× (Note 3) (Note 4)	(Note 11)	SC-HAJ3PW1C1M		
	HC-RFS353 (B) G7 1/11				HG-SR352 (B) G7 1/11					
	HC-RFS353 (B) G7 1/21			HG-SR352 (B) G7 1/21						
	HC-RFS353 (B) G7 1/33			HG-SR502 (B) G7 1/5						
	HC-RFS503 (B) G7 1/5	MR-J4-500A		HG-SR502 (B) G7 1/5						
	HC-RFS503 (B) G7 1/11			HG-SR502 (B) G7 1/11						
HC-RFS503 (B) G7 1/21		HG-SR502 (B) G7 1/21								

See page 2-26 for important points to note.

(11) Existing HC-UFS motor series

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)		(3)		(4)		(5)		
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)		Secondary replacement/Package replacement models						
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo motor model (Note 1)	Com- patibility	Motor side conversion cable model				
						Power supply conversion cable	Encoder conversion cable	Brake conversion cable		
[Medium capacity/flat type HC-UFS series, standard/with brake] ((B) represents models with brake)										
MR-J2S-70A	HC-UFS72(B)	MR-J4-70A	SC-J2SJ4KT1K	HG-UR72(B)	○	Existing cable can be used.	SC-HAJ3ENM3C1M	Existing cable can be used.		
MR-J2S-200A	HC-UFS152(B)	MR-J4-200A	SC-J2SJ4KT3K	HG-UR152(B)						
MR-J2S-350A	HC-UFS202(B)	MR-J4-350A		HG-UR202(B)						
MR-J2S-500A	HC-UFS352(B) HC-UFS502(B)	MR-J4-500A	SC-J2SJ4KT5K	HG-UR352(B) HG-UR502(B)						
[Small capacity/flat type HC-UFS series, standard/with brake] ((B) represents models with brake)										
MR-J2S-10A	HC-UFS13(B)	MR-J4-10A	SC-J2SJ4KT02K	HG-KR13(B)	× (Note 3)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.		
MR-J2S-20A	HC-UFS23(B)	MR-J4-20A		HG-KR23(B)						
MR-J2S-40A	HC-UFS43(B)	MR-J4-40A	SC-J2SJ4KT06K	HG-KR43(B)						
MR-J2S-70A	HC-UFS73(B)	MR-J4-70A	SC-J2SJ4KT1K	HG-KR73(B)						

See page 2-26 for important points to note.

(12) Existing HC-LFS motor series

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)		(3)		(4)		(5)		(6)		(7)	
Existing model (Note 13)		Primary replacement model (Note 5)		Secondary replacement/Package replacement models									
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo amplifier model (Note 1)	Servo motor model (Note 1)	Com- patibility	Renewal kit model	Motor side conversion cable model					
								Power supply conversion cable	Encoder conversion cable	Brake conversion cable			
[Medium capacity/low inertia HC-LFS series, standard/with brake] ((B) represents models with brake)													
MR-J2S-60A	HCLFS52(B)	MR-J4-60A (Note 10)	SC-J2SJ4KT06K (Note 10)	MR-J4-70A (Note 10)	HG-JR73(B)	× (Note 3)	(Note 11)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)			
MR-J2S-100A	HCLFS102(B)	MR-J4-100A (Note 10)	SC-J2SJ4KT1K (Note 10)	MR-J4-200A (Note 10)	HG-JR153(B)								
MR-J2S-200A	HCLFS152(B)	MR-J4-200A (Note 10)	SC-J2SJ4KT3K	MR-J4-350A (Note 10)	HG-JR353(B)								
MR-J2S-350A	HCLFS202(B)	MR-J4-350A		MR-J4-350A									
MR-J2S-500A	HCLFS302(B)	MR-J4-500A	SC-J2SJ4KT5K	MR-J4-500A	HG-JR503(B)								

See page 2-26 for important points to note.

(13) Existing HA-LFS motor series

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)		(3)		(4)		(5)		(6)		(7)	
Existing model (Note 13)		Primary replacement model (Note 5)		Secondary replacement/Package replacement models									
Servo amplifier model	Servo motor Model	Servo amplifier model (Note 1, 12)	Renewal kit model	Servo amplifier model (Note 1)	Servo motor model (Note 1)	Com- patibility	Renewal kit model	Motor side conversion cable model					
								Power supply conversion Cable	Encoder Conversion cable	Brake/Conversion cable for the cooling fan			
[Large capacity/low inertia HA-LFS series, standard/with brake] ((B) represents models with brake)													
MR-J2S-500A	HALFS502	MR-J4-500A	SC-J2SJ4KT5K	MR-J4-500A	HG-SR502	× (Note 3)	SC-J2SJ4KT5K	SC-HAJ3PW1C1M	SC-HAJ3ENM3C1M	Existing cable can be used.			
MR-J2S-700A	HALFS702	MR-J4-700A	SC-J2SJ4KT7K	MR-J4-700A	HG-SR702								
MR-J2S-11KA	HALFS11K1M(B)	MR-J4-11KA	SC-J2SJ4KT15K	MR-J4-11KA	HG-JR11K1M(B)								
MR-J2S-15KA	HALFS15K2(B)	MR-J4-15KA (Note 10)		MR-J4-11KA (Note 10)	HG-JR11K1M(B)								
	HALFS15K1M(B)	MR-J4-15KA		MR-J4-15KA	HG-JR15K1M(B)								
MR-J2S-22KA	HALFS22K2(B)	MR-J4-22KA (Note 10)	SC-J2SJ4KT22K (Note 10)	MR-J4-15KA (Note 10)	HG-JR15K1M(B)	(Note 11)	SC-J2S.J4PW3C1M-■	Existing cable can be used.	Existing cable can be used.				
	HALFS22K1M	MR-J4-22KA	SC-J2SJ4KT22K	MR-J4-22KA	HG-JR22K1M								SC-J2S.J4KT22K

See page 2-26 for important points to note.

## 2.4.2 B Type Replacement Combination Table

### (1) Existing HC-KFS motor series (standard/with brake, G1, G2 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)		(3)	(4)				(5)			
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)		Renewal kit model	Secondary replacement/Package replacement models							
Servo Amplifier model	Servo motor Model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo motor model (Note 1)	Com- patibility	Power supply conversion cable	Encoder conversion cable	Brake conversion cable			
[Small capacity/low inertia HC-KFS series, standard/with brake] ((B) represents models with brake)												
MR-J2S-10B	HCKFS053(B) HCKFS13(B)	MR-J4-10B-RJ020		SC-J2SBJ4KT02K	HG-KR053(B) HG-KR13(B)	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.			
MR-J2S-20B	HCKFS23(B)	MR-J4-20B-RJ020	MR-J4-T20	SC-J2SBJ4KT06K	HG-KR23(B) HG-KR43(B)							
MR-J2S-40B	HCKFS43(B)	MR-J4-40B-RJ020		SC-J2SBJ4KT1K	HG-KR73(B)							
MR-J2S-70B	HCKFS73(B)	MR-J4-70B-RJ020										
[Small capacity/low inertia HC-KFS series with general reducer (G1)] ((B) represents models with brake)												
MR-J2S-10B	HCKFS053(B)G1 1/5 HCKFS053(B)G1 1/2 HCKFS053(B)G1 1/20 HCKFS13(B)G1 1/5 HCKFS13(B)G1 1/12 HCKFS13(B)G1 1/20	MR-J4-10B-RJ020	MR-J4-T20	SC-J2SBJ4KT02K	HG-KR053(B)G1 1/5 HG-KR053(B)G1 1/12 HG-KR053(B)G1 1/20 HG-KR13(B)G1 1/5 HG-KR13(B)G1 1/12 HG-KR13(B)G1 1/20 HG-KR23(B)G1 1/5 HG-KR23(B)G1 1/12 (Note 2) HG-KR23(B)G1 1/20 (Note 2)	△ (Note 4)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.			
MR-J2S-20B	HCKFS23(B)G1 1/5 HCKFS23(B)G1 1/12 HCKFS23(B)G1 1/20	MR-J4-20B-RJ020		SC-J2SBJ4KT06K	HG-KR43(B)G1 1/5 HG-KR43(B)G1 1/12 (Note 2) HG-KR43(B)G1 1/20 (Note 2)							
MR-J2S-40B	HCKFS43(B)G1 1/5 HCKFS43(B)G1 1/12 HCKFS43(B)G1 1/20	MR-J4-40B-RJ020		SC-J2SBJ4KT1K	HG-KR73(B)G1 1/5 HG-KR73(B)G1 1/12 (Note 2) HG-KR73(B)G1 1/20							
MR-J2S-70B	HCKFS73(B)G1 1/5 HCKFS73(B)G1 1/12 HCKFS73(B)G1 1/20	MR-J4-70B-RJ020										
[Small capacity/low inertia HC-KFS series with high-precision reducer (G2)] ((B) represents models with brake)												
MR-J2S-10B	HCKFS053(B)G2 1/5 HCKFS053(B)G2 1/9 HCKFS053(B)G2 1/20 HCKFS053(B)G2 1/29 HCKFS13(B)G2 1/5 HCKFS13(B)G2 1/9 HCKFS13(B)G2 1/20 HCKFS13(B)G2 1/29	MR-J4-10B-RJ020	MR-J4-T20	SC-J2SBJ4KT02K	HG-KR053(B)G7 1/5 HG-KR053(B)G7 1/11 HG-KR053(B)G7 1/21 HG-KR053(B)G7 1/33 HG-KR13(B)G7 1/5 HG-KR13(B)G7 1/11 HG-KR13(B)G7 1/21 HG-KR13(B)G7 1/33 HG-KR23(B)G7 1/5 HG-KR23(B)G7 1/11 HG-KR23(B)G7 1/21 HG-KR23(B)G7 1/33	× (Note 3)	Without brake: SC-J2SJ4PW1C03M-■ With brake: SC-J2SJ4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.			
MR-J2S-20B	HCKFS23(B)G2 1/5 HCKFS23(B)G2 1/9 HCKFS23(B)G2 1/20 HCKFS23(B)G2 1/29	MR-J4-20B-RJ020		SC-J2SBJ4KT06K	HG-KR43(B)G7 1/5 HG-KR43(B)G7 1/11 HG-KR43(B)G7 1/21 HG-KR43(B)G7 1/33							
MR-J2S-40B	HCKFS43(B)G2 1/5 HCKFS43(B)G2 1/9 HCKFS43(B)G2 1/20 HCKFS43(B)G2 1/29	MR-J4-40B-RJ020		SC-J2SBJ4KT1K	HG-KR73(B)G7 1/5 HG-KR73(B)G7 1/11 HG-KR73(B)G7 1/21							
MR-J2S-70B	HCKFS73(B)G2 1/5 HCKFS73(B)G2 1/9 HCKFS73(B)G2 1/20 HCKFS73(B)G2 1/29	MR-J4-70B-RJ020										

See page 2-26 for important points to note.

(2) Existing HC-KFS motor series (G5, G7 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)		(3)	(4)	(5)			
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)			Secondary replacement/Package replacement models				
Servo Amplifier model	Servo motor Model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo motor model (Note 1)	Com- patibility	Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Small capacity/low inertia HC-KFS series with high-precision reducer, flange output type (G5)] ((B) represents models with brake)									
MR-J2S-10B	HC-KFS063(B)G5 1/5	MR-J4-10B-RJ020			HG-KR053 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS063(B)G5 1/11				HG-KR053 (B) G5 1/11				
	HC-KFS063(B)G5 1/21				HG-KR053 (B) G5 1/21				
	HC-KFS063(B)G5 1/33				HG-KR053 (B) G5 1/33				
	HC-KFS063(B)G5 1/45				HG-KR053 (B) G5 1/45				
	HC-KFS13 (B) G5 1/5				HG-KR13 (B) G5 1/5				
	HC-KFS13 (B) G5 1/11				HG-KR13 (B) G5 1/11				
	HC-KFS13 (B) G5 1/21				HG-KR13 (B) G5 1/21				
	HC-KFS13 (B) G5 1/33				HG-KR13 (B) G5 1/33				
	HC-KFS13 (B) G5 1/45				HG-KR13 (B) G5 1/45				
MR-J2S-20B	HC-KFS23 (B) G5 1/5	MR-J4-20B-RJ020	MIR-J4-T20		HG-KR23 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS23 (B) G5 1/11				HG-KR23 (B) G5 1/11				
	HC-KFS23 (B) G5 1/21				HG-KR23 (B) G5 1/21				
	HC-KFS23 (B) G5 1/33				HG-KR23 (B) G5 1/33				
MR-J2S-40B	HC-KFS43 (B) G5 1/5	MR-J4-40B-RJ020			HG-KR43 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS43 (B) G5 1/11				HG-KR43 (B) G5 1/11				
	HC-KFS43 (B) G5 1/21				HG-KR43 (B) G5 1/21				
	HC-KFS43 (B) G5 1/33				HG-KR43 (B) G5 1/33				
MR-J2S-70B	HC-KFS73 (B) G5 1/5	MR-J4-70B-RJ020			HG-KR73 (B) G5 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS73 (B) G5 1/11				HG-KR73 (B) G5 1/11				
	HC-KFS73 (B) G5 1/21				HG-KR73 (B) G5 1/21				
	HC-KFS73 (B) G5 1/33				HG-KR73 (B) G5 1/33				
MR-J2S-10B	HC-KFS063(B)G7 1/5	MR-J4-10B-RJ020			HG-KR053 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS063(B)G7 1/11				HG-KR053 (B) G7 1/11				
	HC-KFS063(B)G7 1/21				HG-KR053 (B) G7 1/21				
	HC-KFS063(B)G7 1/33				HG-KR053 (B) G7 1/33				
	HC-KFS063(B)G7 1/45				HG-KR053 (B) G7 1/45				
	HC-KFS13 (B) G7 1/5				HG-KR13 (B) G7 1/5				
	HC-KFS13 (B) G7 1/11				HG-KR13 (B) G7 1/11				
	HC-KFS13 (B) G7 1/21				HG-KR13 (B) G7 1/21				
	HC-KFS13 (B) G7 1/33				HG-KR13 (B) G7 1/33				
	HC-KFS13 (B) G7 1/45				HG-KR13 (B) G7 1/45				
MR-J2S-20B	HC-KFS23 (B) G7 1/5	MR-J4-20B-RJ020	MIR-J4-T20		HG-KR23 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS23 (B) G7 1/11				HG-KR23 (B) G7 1/11				
	HC-KFS23 (B) G7 1/21				HG-KR23 (B) G7 1/21				
	HC-KFS23 (B) G7 1/33				HG-KR23 (B) G7 1/33				
MR-J2S-40B	HC-KFS43 (B) G7 1/5	MR-J4-40B-RJ020			HG-KR43 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS43 (B) G7 1/11				HG-KR43 (B) G7 1/11				
	HC-KFS43 (B) G7 1/21				HG-KR43 (B) G7 1/21				
	HC-KFS43 (B) G7 1/33				HG-KR43 (B) G7 1/33				
MR-J2S-70B	HC-KFS73 (B) G7 1/5	MR-J4-70B-RJ020			HG-KR73 (B) G7 1/5	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HC-KFS73 (B) G7 1/11				HG-KR73 (B) G7 1/11				
	HC-KFS73 (B) G7 1/21				HG-KR73 (B) G7 1/21				
	HC-KFS73 (B) G7 1/33				HG-KR73 (B) G7 1/33				

See page 2-26 for important points to note.



(3) Existing HC-KFS46, KFS410 motor

O: Compatible; Δ: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)			(3)		(4)		(5)		(6)		(7)	
Existing model (Note 13)		Primary replacement model (Note 5)			Secondary replacement/Package replacement models									
Servo Amplifier model	Servo Motor Model	Servo Amplifier model (Note 1, 12)	SSCNET Conversion unit Model (Note 1)	Renewal kit model	Servo Amplifier model (Note 1)	SSCNET Conversion unit model (Note 1)	Servo Motor Model (Note 1)	Com- patibility	Renewal kit model	Power supply conversion cable	Encoder conversion cable	Brake conversion cable		
[Small capacity/low inertia HC-KFS series, standard/with brake] ((B) represents models with brake)														
MR-J2S-70B	HC-KFS46 HC-KFS410	MR-J4-70B-RJ020 (Note 10)	MR-J4-T20	SC-J2SBJ4KT1K	MR-J4-40B-RJ020 (Note 10)	MR-J4-T20	HG-KR43	Δ (Note 4) (Note 15)	(Note 11)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.		

See page 2-26 for important points to note.

(4) Existing HC-MFS motor series (standard/with brake, G1, G2 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)		(3)	(4)		(5)							
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)			Secondary replacement/Package replacement models									
Servo Amplifier model	Servo motor Model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo motor model (Note 1)	Com-patibility	Power supply conversion cable	Encoder conversion cable	Brake conversion cable					
[Small capacity/ultra-low inertia HC-MFS series, standard/with brake] ((B) represents models with brake)														
MR-J2S-10B	HC-MFS053(B) HC-MFS13(B)	MR-J4-10B-RJ020	MR-J4-T20	SC-J2SBJ4KT02K	HG-MR053(B) HG-MR13(B)	○	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.					
MR-J2S-20B	HC-MFS23(B)	MR-J4-20B-RJ020		SC-J2SBJ4KT06K	HG-MR23(B)									
MR-J2S-40B	HC-MFS43(B)	MR-J4-40B-RJ020		SC-J2SBJ4KT06K	HG-MR43(B)									
MR-J2S-70B	HC-MFS73(B)	MR-J4-70B-RJ020		SC-J2SBJ4KT1K	HG-MR73(B)									
[Small capacity/ultra-low inertia HC-MFS series with general reducer (G1)] ((B) represents models with brake)														
MR-J2S-10B	HC-MFS053(B)G115 HC-MFS053(B)G112 HC-MFS053(B)G1120 HC-MFS13(B)G115 HC-MFS13(B)G112 HC-MFS13(B)G1120	MR-J4-10B-RJ020	MR-J4-T20	SC-J2SBJ4KT02K	HG-KR053(B)G115 HG-KR053(B)G112 HG-KR053(B)G1120 HG-KR13(B)G115 HG-KR13(B)G112 HG-KR13(B)G1120	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.					
	MR-J2S-20B				HC-MFS23(B)G115 HC-MFS23(B)G112 HC-MFS23(B)G1120					MR-J4-20B-RJ020	SC-J2SBJ4KT06K	HG-KR23(B)G115 HG-KR23(B)G112 HG-KR23(B)G1120		
					MR-J2S-40B							HC-MFS43(B)G115 HC-MFS43(B)G112 HC-MFS43(B)G1120	MR-J4-40B-RJ020	HG-KR43(B)G115 HG-KR43(B)G112 HG-KR43(B)G1120
												MR-J2S-70B		HC-MFS73(B)G115 HC-MFS73(B)G112 HC-MFS73(B)G1120
	[Small capacity/ultra-low inertia HC-MFS series with high-precision reducer (G2)] ((B) represents models with brake)													
MR-J2S-10B	HC-MFS053(B)G215 HC-MFS053(B)G210 HC-MFS053(B)G2120 HC-MFS13(B)G215 HC-MFS13(B)G210 HC-MFS13(B)G2120	MR-J4-10B-RJ020	MR-J4-T20	SC-J2SBJ4KT02K	HG-KR053(B)G715 HG-KR053(B)G711 HG-KR053(B)G7121 HG-KR053(B)G7133 HG-KR13(B)G715 HG-KR13(B)G711 HG-KR13(B)G7121 HG-KR13(B)G7133	× (Note 3) (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.					
	MR-J2S-20B				HC-MFS23(B)G215 HC-MFS23(B)G210 HC-MFS23(B)G2120					MR-J4-20B-RJ020	SC-J2SBJ4KT06K	HG-KR23(B)G715 HG-KR23(B)G711 HG-KR23(B)G7121 HG-KR23(B)G7133		
					MR-J2S-40B							HC-MFS43(B)G215 HC-MFS43(B)G210 HC-MFS43(B)G2120	MR-J4-40B-RJ020	HG-KR43(B)G715 HG-KR43(B)G711 HG-KR43(B)G7121 HG-KR43(B)G7133
												MR-J2S-70B		HC-MFS73(B)G215 HC-MFS73(B)G210 HC-MFS73(B)G2120

See page 2-26 for important points to note.

(5) Existing HC-MFS motor series (G5, G7 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)			(3)	(4)	(5)		
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)			Secondary replacement/Package replacement models				
Servo Amplifier model	Servo motor Model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo motor model (Note 1)	Motor side conversion cable model			
						Com- patibility	Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Small capacity/ultra-low inertia HC-MFS series with high-precision reducer, flange output type (G5)] ((B) represents models with brake)									
MR-J2S-10B	HCMF503(B)G515	MR-J4-10B-RJ020			SC-J2SBJ4KT02K	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HCMF503(B)G5111								
	HCMF503(B)G5121								
	HCMF503(B)G5133								
	HCMF503(B)G5145								
	HCMF513(B)G515								
	HCMF513(B)G5111								
	HCMF513(B)G5121								
	HCMF513(B)G5133								
MR-J2S-20B	HCMF523(B)G515	MR-J4-20B-RJ020	MR-J4-T20		SC-J2SBJ4KT02K	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HCMF523(B)G5111								
	HCMF523(B)G5121								
	HCMF523(B)G5133								
MR-J2S-40B	HCMF543(B)G515	MR-J4-40B-RJ020			SC-J2SBJ4KT06K	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HCMF543(B)G5111								
	HCMF543(B)G5121								
	HCMF543(B)G5133								
MR-J2S-70B	HCMF573(B)G515	MR-J4-70B-RJ020			SC-J2SBJ4KT1K	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HCMF573(B)G5111								
	HCMF573(B)G5121								
	HCMF573(B)G5133								
[Small capacity/ultra-low inertia HC-MFS series with high-precision reducer, shaft output type (G7)] ((B) represents models with brake)									
MR-J2S-10B	HCMF503(B)G715	MR-J4-10B-RJ020			SC-J2SBJ4KT02K	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HCMF503(B)G7111								
	HCMF503(B)G7121								
	HCMF503(B)G7133								
	HCMF503(B)G7145								
	HCMF513(B)G715								
	HCMF513(B)G7111								
	HCMF513(B)G7121								
	HCMF513(B)G7133								
MR-J2S-20B	HCMF523(B)G715	MR-J4-20B-RJ020	MR-J4-T20		SC-J2SBJ4KT02K	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HCMF523(B)G7111								
	HCMF523(B)G7121								
	HCMF523(B)G7133								
MR-J2S-40B	HCMF543(B)G715	MR-J4-40B-RJ020			SC-J2SBJ4KT06K	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HCMF543(B)G7111								
	HCMF543(B)G7121								
	HCMF543(B)G7133								
MR-J2S-70B	HCMF573(B)G715	MR-J4-70B-RJ020			SC-J2SBJ4KT1K	△ (Note 4)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.
	HCMF573(B)G7111								
	HCMF573(B)G7121								
	HCMF573(B)G7133								

See page 2-26 for important points to note.

(6) Existing HC-SFS motor series (standard/with brake, G2 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)			(3)	(4)	(5)										
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)			Secondary replacement/Package replacement models												
Servo Amplifier model	Servo motor Model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo motor model (Note 1)	Com- patibility	Power supply conversion cable	Encoder conversion cable	Brake conversion cable								
[Medium capacity/medium inertia HC-SFS series, standard/with brake] ((B) represents models with brake)																	
MR-J2S-60B	HC SFS52(B) HC SFS53(B)	MR-J4-60B-RJ020	MR-J4-T20	SC-J2SBJ4KT06K	HG-SR52 (B)	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3PW1C1M	(Note 7)								
MR-J2S-100B	HC SFS81(B) HC SFS102(B) HC SFS103(B)	MR-J4-100B-RJ020		SC-J2SBJ4KT1K	HG-SR81 (B) HG-SR102 (B)												
MR-J2S-200B	HC SFS121(B) HC SFS152(B) HC SFS153(B) HC SFS201(B) HC SFS202(B) HC SFS203(B)	MR-J4-200B-RJ020		SC-J2SBJ4KT3K	HG-SR121 (B) HG-SR152 (B) HG-SR201 (B) HG-SR202 (B)												
	MR-J2S-350B				HC SFS301(B) HC SFS352(B) HC SFS353(B)					MR-J4-350B-RJ020	HG-SR301 (B) HG-SR352 (B)						
					MR-J2S-500B						HC SFS502(B)	MR-J4-500B-RJ020	SC-J2SBJ4KT5K	HG-SR502 (B)			
					MR-J2S-700B						HC SFS702(B)	MR-J4-700B-RJ020	SC-J2SBJ4KT7K	HG-SR702 (B)			
[Medium capacity/medium inertia HC-SFS series with high-precision reducer (G2)] ((B) represents models with brake)																	
MR-J2S-60B	HC SFS52(B)G2 1/5 HC SFS52(B)G2 1/9 HC SFS52(B)G2 1/20 HC SFS52(B)G2 1/29 HC SFS52(B)G2 1/45	MR-J4-60B-RJ020		MR-J4-T20	SC-J2SBJ4KT06K					HG-SR52 (B) G7 1/5 HG-SR52 (B) G7 1/11 HG-SR52 (B) G7 1/21 HG-SR52 (B) G7 1/33 HG-SR52 (B) G7 1/45	× (Note 3) (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)			
	MR-J2S-100B									HC SFS102(B)G2 1/5 HC SFS102(B)G2 1/9 HC SFS102(B)G2 1/20 HC SFS102(B)G2 1/29 HC SFS102(B)G2 1/45					MR-J4-100B-RJ020	SC-J2SBJ4KT1K	HG-SR102 (B) G7 1/5 HG-SR102 (B) G7 1/11 HG-SR102 (B) G7 1/21 HG-SR102 (B) G7 1/33 HG-SR102 (B) G7 1/45
										MR-J2S-200B							HC SFS152(B)G2 1/5 HC SFS152(B)G2 1/9 HC SFS152(B)G2 1/20 HC SFS152(B)G2 1/29 HC SFS152(B)G2 1/45
			MR-J2S-350B			HC SFS202(B)G2 1/5 HC SFS202(B)G2 1/9 HC SFS202(B)G2 1/20 HC SFS202(B)G2 1/29 HC SFS202(B)G2 1/45	MR-J4-350B-RJ020	HG-SR202 (B) G7 1/11 HG-SR202 (B) G7 1/21 HG-SR202 (B) G7 1/33 HG-SR202 (B) G7 1/45 HG-SR352 (B) G7 1/5									
MR-J2S-500B	HC SFS502(B)G2 1/5 HC SFS502(B)G2 1/9	MR-J4-500B-RJ020			SC-J2SBJ4KT5K	HG-SR502 (B) G7 1/5 HG-SR502 (B) G7 1/11											
	MR-J2S-700B				HC SFS702(B)G2 1/5	MR-J4-700B-RJ020		SC-J2SBJ4KT7K	HG-SR702 (B) G7 1/5								
Existing cable can be used.																	

See page 2-26 for important points to note.

(7) Existing HC-SFS motor series (G1 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)		(3)	(4)		(5)		
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)			Secondary replacement/Package replacement models				
Servo Amplifier model	Servo motor Model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo motor model (Note 1)	Com- patibility	Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Medium capacity/medium inertia HC-SFS series with general reducer (G1)] ((B) represents models with brake, (H) represents foot-mounting)									
MR-J2S-60B	HC-SFS52(B)G1(H)1/6	MR-J4-60B-RJ020		SC-J2SBJ4KT06K	HG-SR52(B)G1(H)1/6	△ (Note 6)			
	HC-SFS52(B)G1(H)1/11				HG-SR52(B)G1(H)1/11				
	HC-SFS52(B)G1(H)1/17				HG-SR52(B)G1(H)1/17				
	HC-SFS52(B)G1(H)1/29				HG-SR52(B)G1(H)1/29				
	HC-SFS52(B)G1(H)1/35				HG-SR52(B)G1(H)1/35				
	HC-SFS52(B)G1(H)1/43				HG-SR52(B)G1(H)1/43				
HC-SFS52(B)G1(H)1/59	HG-SR52(B)G1(H)1/59								
MR-J2S-100B	HC-SFS102(B)G1(H)1/6	MR-J4-100B-RJ020		SC-J2SBJ4KT1K	HG-SR102(B)G1(H)1/6	△ (Note 6)		SC-SAJ3PW2KC1M-S2	
	HC-SFS102(B)G1(H)1/11				HG-SR102(B)G1(H)1/11				
	HC-SFS102(B)G1(H)1/17				HG-SR102(B)G1(H)1/17				
	HC-SFS102(B)G1(H)1/29				HG-SR102(B)G1(H)1/29				
	HC-SFS102(B)G1(H)1/35				HG-SR102(B)G1(H)1/35				
	HC-SFS102(B)G1(H)1/43				HG-SR102(B)G1(H)1/43				
HC-SFS102(B)G1(H)1/59	HG-SR102(B)G1(H)1/59								
MR-J2S-200B	HC-SFS152(B)G1(H)1/6	MR-J4-200B-RJ020	MR-J4-T20	SC-J2SBJ4KT3K	HG-SR152(B)G1(H)1/6	△ (Note 6)		SC-HAJ3ENM3C1M	(Note 7)
	HC-SFS152(B)G1(H)1/11				HG-SR152(B)G1(H)1/11				
	HC-SFS152(B)G1(H)1/17				HG-SR152(B)G1(H)1/17				
	HC-SFS152(B)G1(H)1/29				HG-SR152(B)G1(H)1/29				
	HC-SFS152(B)G1(H)1/35				HG-SR152(B)G1(H)1/35				
	HC-SFS152(B)G1(H)1/43				HG-SR152(B)G1(H)1/43				
	HC-SFS152(B)G1(H)1/59				HG-SR152(B)G1(H)1/59				
	HC-SFS202(B)G1(H)1/6				HG-SR202(B)G1(H)1/6				
	HC-SFS202(B)G1(H)1/11				HG-SR202(B)G1(H)1/11				
	HC-SFS202(B)G1(H)1/17				HG-SR202(B)G1(H)1/17				
	HC-SFS202(B)G1(H)1/29				HG-SR202(B)G1(H)1/29				
	HC-SFS202(B)G1(H)1/35				HG-SR202(B)G1(H)1/35				
	HC-SFS202(B)G1(H)1/43				HG-SR202(B)G1(H)1/43				
	HC-SFS202(B)G1(H)1/59				HG-SR202(B)G1(H)1/59				
MR-J2S-350B	HC-SFS352(B)G1(H)1/6	MR-J4-350B-RJ020			HG-SR352(B)G1(H)1/6	△ (Note 6)		SC-HAJ3PW1C1M	
	HC-SFS352(B)G1(H)1/11				HG-SR352(B)G1(H)1/11				
	HC-SFS352(B)G1(H)1/17				HG-SR352(B)G1(H)1/17				
	HC-SFS352(B)G1(H)1/29				HG-SR352(B)G1(H)1/29				
	HC-SFS352(B)G1(H)1/35				HG-SR352(B)G1(H)1/35				
	HC-SFS352(B)G1(H)1/43				HG-SR352(B)G1(H)1/43				
HC-SFS352(B)G1(H)1/59	HG-SR352(B)G1(H)1/59								
MR-J2S-500B	HC-SFS502(B)G1(H)1/11	MR-J4-500B-RJ020		SC-J2SBJ4KT5K	HG-SR502(B)G1(H)1/11	△ (Note 6)			
	HC-SFS502(B)G1(H)1/17				HG-SR502(B)G1(H)1/17				
	HC-SFS502(B)G1(H)1/29				HG-SR502(B)G1(H)1/29				
	HC-SFS502(B)G1(H)1/35				HG-SR502(B)G1(H)1/35				
MR-J2S-700B	HC-SFS702(B)G1(H)1/11	MR-J4-700B-RJ020		SC-J2SBJ4KT7K	HG-SR702(B)G1(H)1/11	△ (Note 6)		Existing cable can be used.	
	HC-SFS702(B)G1(H)1/17				HG-SR702(B)G1(H)1/17				
	HC-SFS702(B)G1(H)1/29				HG-SR702(B)G1(H)1/29				
	HC-SFS702(B)G1(H)1/35				HG-SR702(B)G1(H)1/35				

See page 2-26 for important points to note.

(8) Existing HC-SFS motor series (G5, G7 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)			(3)	(4)	(5)		
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)			Secondary replacement/Package replacement models				
Servo Amplifier model	Servo motor Model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo motor model (Note 1)	Motor side conversion cable model			
						Com- patibility	Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Medium capacity/medium inertia HC-SFS series with high-precision reducer, flange output type (G5)] ((B) represents models with brake)									
MR-J2S-60B	HC-SFS52(B)G515	MR-J4-60B-RJ020		SC-J2SBJ4KT06K	HG-SR52 (B) G5 1/5	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-SFS52(B)G5111				HG-SR52 (B) G5 1/11				
	HC-SFS52(B)G5121				HG-SR52 (B) G5 1/21				
	HC-SFS52(B)G5133				HG-SR52 (B) G5 1/33				
MR-J2S-100B	HC-SFS102(B)G5145	MR-J4-100B-RJ020		SC-J2SBJ4KT1K	HG-SR102 (B) G5 1/45				
	HC-SFS102(B)G515				HG-SR102 (B) G5 1/5				
	HC-SFS102(B)G5111				HG-SR102 (B) G5 1/11				
	HC-SFS102(B)G5121				HG-SR102 (B) G5 1/21				
MR-J2S-200B	HC-SFS152(B)G5133	MR-J4-200B-RJ020	MR-J4-T20	SC-J2SBJ4KT3K	HG-SR152 (B) G5 1/33				
	HC-SFS152(B)G5145				HG-SR152 (B) G5 1/45				
	HC-SFS202(B)G515				HG-SR202 (B) G5 1/5				
	HC-SFS202(B)G5111				HG-SR202 (B) G5 1/11				
	HC-SFS202(B)G5121				HG-SR202 (B) G5 1/21				
	HC-SFS202(B)G5133				HG-SR202 (B) G5 1/33				
	HC-SFS202(B)G5145				HG-SR202 (B) G5 1/45				
	HC-SFS352(B)G515				HG-SR352 (B) G5 1/5				
MR-J2S-350B	HC-SFS352(B)G5111	MR-J4-350B-RJ020		SC-J2SBJ4KT5K	HG-SR502 (B) G5 1/5				
	HC-SFS352(B)G5121				HG-SR502 (B) G5 1/11				
MR-J2S-500B	HC-SFS702(B)G515	MR-J4-500B-RJ020		SC-J2SBJ4KT7K	HG-SR702 (B) G5 1/5				
MR-J2S-700B		MR-J4-700B-RJ020					Existing cable can be used.		
[Medium capacity/medium inertia HC-SFS series with high-precision reducer, shaft output type (G7)] ((B) represents models with brake)									
MR-J2S-60B	HC-SFS52(B)G715	MR-J4-60B-RJ020		SC-J2SBJ4KT06K	HG-SR52 (B) G7 1/5	△ (Note 6)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-SFS52(B)G7111				HG-SR52 (B) G7 1/11				
	HC-SFS52(B)G7121				HG-SR52 (B) G7 1/21				
	HC-SFS52(B)G7133				HG-SR52 (B) G7 1/33				
MR-J2S-100B	HC-SFS102(B)G7145	MR-J4-100B-RJ020		SC-J2SBJ4KT1K	HG-SR102 (B) G7 1/45				
	HC-SFS102(B)G715				HG-SR102 (B) G7 1/5				
	HC-SFS102(B)G7111				HG-SR102 (B) G7 1/11				
	HC-SFS102(B)G7121				HG-SR102 (B) G7 1/21				
MR-J2S-200B	HC-SFS152(B)G7133	MR-J4-200B-RJ020	MR-J4-T20	SC-J2SBJ4KT3K	HG-SR152 (B) G7 1/33				
	HC-SFS152(B)G7145				HG-SR152 (B) G7 1/45				
	HC-SFS202(B)G715				HG-SR202 (B) G7 1/5				
	HC-SFS202(B)G7111				HG-SR202 (B) G7 1/11				
	HC-SFS202(B)G7121				HG-SR202 (B) G7 1/21				
	HC-SFS202(B)G7133				HG-SR202 (B) G7 1/33				
	HC-SFS202(B)G7145				HG-SR202 (B) G7 1/45				
	HC-SFS352(B)G715				HG-SR352 (B) G7 1/5				
MR-J2S-350B	HC-SFS352(B)G7111	MR-J4-350B-RJ020		SC-J2SBJ4KT5K	HG-SR502 (B) G7 1/5				
	HC-SFS352(B)G7121				HG-SR502 (B) G7 1/11				
MR-J2S-500B	HC-SFS702(B)G715	MR-J4-500B-RJ020		SC-J2SBJ4KT7K	HG-SR702 (B) G7 1/5				
MR-J2S-700B		MR-J4-700B-RJ020					Existing cable can be used.		

See page 2-26 for important points to note.

(9) Existing HC-RFS motor series (standard/with brake, G2 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)		(3)	(4)		(5)		(6)	(7)		
Existing model (Note 13)		Primary replacement model (Note 5)			Secondary replacement/Package replacement models							
Servo Amplifier model	Servo Motor Model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo Amplifier model (Note 1)	SSCNET Conversion unit Model (Note 1)	Servo motor Model (Note 1)	Com- patibility	Renewal kit model	Motor side conversion cable		
										Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Medium capacity/ultra-low inertia HC-RFS series, standard/with brake] ((B) represents models with brake)												
MR-J2S-200B	HC-RFS103 (B)	MR-J4-200B-RJ020	SC-J2SBJ4KT3K	MR-J4-T20	MR-J4-200B-RJ020	MR-J4-T20	HG-RR103 (B)	○	SC-J2SBJ4KT3K	Existing cable can be used.	SC-HAJ3ENM3C1M	Existing cable can be used.
	HC-RFS153 (B)						HG-RR153 (B)					
MR-J2S-350B	HC-RFS203 (B)	MR-J4-350B-RJ020	SC-J2SBJ4KT5K	MR-J4-T20	MR-J4-350B-RJ020	MR-J4-T20	HG-RR203 (B)	○	SC-J2SBJ4KT5K	Existing cable can be used.	SC-HAJ3ENM3C1M	Existing cable can be used.
MR-J2S-500B	HC-RFS353 (B)	MR-J4-500B-RJ020					SC-J2SBJ4KT5K					
	HC-RFS503 (B)		HG-RR503 (B)									
[Medium capacity/ultra-low inertia HC-RFS series with high-precision reducer (G2)] ((B) represents models with brake)												
MR-J2S-200B	HC-RFS103 (B) G2 1/5	MR-J4-200B-RJ020 (Note 10)	SC-J2SBJ4KT3K	MR-J4-T20	MR-J4-200B-RJ020 (Note 10)	MR-J4-T20	HG-SR102 (B) G7 1/5	× (Note 3) (Note 4)	SC-J2SBJ4KT3K	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-RFS103 (B) G2 1/9						HG-SR102 (B) G7 1/11					
	HC-RFS103 (B) G2 1/20						HG-SR102 (B) G7 1/21					
	HC-RFS103 (B) G2 1/29						HG-SR102 (B) G7 1/33					
	HC-RFS103 (B) G2 1/45						HG-SR102 (B) G7 1/45					
	HC-RFS153 (B) G2 1/5						HG-SR152 (B) G7 1/5					
MR-J2S-350B	HC-RFS153 (B) G2 1/9	MR-J4-200B-RJ020	SC-J2SBJ4KT3K	MR-J4-T20	MR-J4-200B-RJ020	MR-J4-T20	HG-SR152 (B) G7 1/11	× (Note 3) (Note 4)	SC-J2SBJ4KT3K	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M	(Note 7)
	HC-RFS153 (B) G2 1/20						HG-SR152 (B) G7 1/21					
	HC-RFS153 (B) G2 1/29						HG-SR152 (B) G7 1/33					
	HC-RFS153 (B) G2 1/45						HG-SR152 (B) G7 1/45					
	HC-RFS203 (B) G2 1/5						HG-SR202 (B) G7 1/5					
	HC-RFS203 (B) G2 1/9						HG-SR202 (B) G7 1/11					
MR-J2S-500B	HC-RFS203 (B) G2 1/20	MR-J4-350B-RJ020 (Note 10)	SC-J2SBJ4KT5K	MR-J4-T20	MR-J4-350B-RJ020 (Note 10)	MR-J4-T20	HG-SR202 (B) G7 1/21	× (Note 3) (Note 4)	SC-J2SBJ4KT5K	SC-SAJ3PW2KC1M	SC-HAJ3ENM3C1M	(Note 7)
	HC-RFS203 (B) G2 1/29						HG-SR202 (B) G7 1/33					
	HC-RFS203 (B) G2 1/45						HG-SR202 (B) G7 1/45					
	HC-RFS353 (B) G2 1/5						HG-SR352 (B) G7 1/5					
	HC-RFS353 (B) G2 1/9						HG-SR352 (B) G7 1/11					
	HC-RFS353 (B) G2 1/20						HG-SR352 (B) G7 1/21					
MR-J2S-500B	HC-RFS353 (B) G2 1/29	MR-J4-500B-RJ020 (Note 10)	SC-J2SBJ4KT5K	MR-J4-T20	MR-J4-500B-RJ020 (Note 10)	MR-J4-T20	HG-SR352 (B) G7 1/21	× (Note 3) (Note 4)	SC-J2SBJ4KT5K	SC-SAJ3PW1C1M	SC-HAJ3ENM3C1M	(Note 7)
	HC-RFS503 (B) G2 1/5						HG-SR502 (B) G7 1/5					
	HC-RFS503 (B) G2 1/9						HG-SR502 (B) G7 1/11					
	HC-RFS503 (B) G2 1/20											

See page 2-26 for important points to note.

(10) Existing HC-RFS motor series (G5, G7 reducer)

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)		(3)	(4)		(5)		(6)	(7)		
Existing model (Note 13)		Primary replacement model (Note 5)			Secondary replacement/Package replacement models							
Servo amplifier model	Servo Motor Model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo Amplifier model (Note 1)	SSCNET Conversion unit Model (Note 1)	Servo motor Model (Note 1)	Com- patibility	Renewal kit model	Motor side conversion cable		
										Power supply conversion cable	Encoder conversion cable	Brake conversion cable
[Medium capacity/ultra-low inertia HC-RFS series with high-precision reducer, flange output type (G5)] ((B) represents models with brake)												
MR-J2S-200B	HC-RFS103 (B) G5 1/5	MR-J4-200B-RJ020 (Note 10)	MR-J4-T20	SC-J2SBJ4KT3K	MR-J4-100B-RJ020 (Note 10)	MR-J4-T20	HG-SR102 (B) G5 1/5	× (Note 3) (Note 4)	(Note 11)	SC-SA3PW2KC1M-S2	SC-HAJ3ENM3C1M (Note 7)	
	HC-RFS103 (B) G5 1/11						HG-SR102 (B) G5 1/11					
	HC-RFS103 (B) G5 1/21						HG-SR102 (B) G5 1/21					
	HC-RFS103 (B) G5 1/33						HG-SR102 (B) G5 1/33					
	HC-RFS103 (B) G5 1/45	HG-SR102 (B) G5 1/45										
	HC-RFS153 (B) G5 1/5	MR-J4-200B-RJ020			HC-RFS153 (B) G5 1/11		HG-SR152 (B) G5 1/5		HG-SR152 (B) G5 1/11			
	HC-RFS153 (B) G5 1/21				HG-SR152 (B) G5 1/21							
	HC-RFS153 (B) G5 1/33				HG-SR152 (B) G5 1/33							
HC-RFS153 (B) G5 1/45	HG-SR152 (B) G5 1/45											
HC-RFS203 (B) G5 1/5	MR-J4-350B-RJ020 (Note 10)	HC-RFS203 (B) G5 1/11	HG-SR202 (B) G5 1/5	HG-SR202 (B) G5 1/11								
HC-RFS203 (B) G5 1/21		HG-SR202 (B) G5 1/21										
HC-RFS203 (B) G5 1/33		HG-SR202 (B) G5 1/33										
HC-RFS203 (B) G5 1/45		HG-SR202 (B) G5 1/45										
HC-RFS353 (B) G5 1/5	MR-J4-500B-RJ020 (Note 10)	HC-RFS353 (B) G5 1/11	HG-SR352 (B) G5 1/5	HG-SR352 (B) G5 1/11								
HC-RFS353 (B) G5 1/21		HG-SR352 (B) G5 1/21										
HC-RFS353 (B) G5 1/33		HG-SR352 (B) G5 1/33										
HC-RFS503 (B) G5 1/5		HG-SR502 (B) G5 1/5										
HC-RFS503 (B) G5 1/11	MR-J4-500B-RJ020	HC-RFS503 (B) G5 1/21	HG-SR502 (B) G5 1/11	SC-J2SBJ4KT5K								
HC-RFS503 (B) G5 1/33												
[Medium capacity/ultra-low inertia HC-RFS series with high-precision reducer, shaft output type (G7)] ((B) represents models with brake)												
MR-J2S-200B	HC-RFS103 (B) G7 1/5	MR-J4-200B-RJ020 (Note 10)	MR-J4-T20	SC-J2SBJ4KT3K	MR-J4-100B-RJ020 (Note 10)	MR-J4-T20	HG-SR102 (B) G7 1/5	× (Note 3) (Note 4)	(Note 11)	SC-SA3PW2KC1M-S2	SC-HAJ3ENM3C1M (Note 7)	
	HC-RFS103 (B) G7 1/11						HG-SR102 (B) G7 1/11					
	HC-RFS103 (B) G7 1/21						HG-SR102 (B) G7 1/21					
	HC-RFS103 (B) G7 1/33						HG-SR102 (B) G7 1/33					
	HC-RFS103 (B) G7 1/45	HG-SR102 (B) G7 1/45										
	HC-RFS153 (B) G7 1/5	MR-J4-200B-RJ020			HC-RFS153 (B) G7 1/11		HG-SR152 (B) G7 1/5		HG-SR152 (B) G7 1/11			
	HC-RFS153 (B) G7 1/21				HG-SR152 (B) G7 1/21							
	HC-RFS153 (B) G7 1/33				HG-SR152 (B) G7 1/33							
HC-RFS153 (B) G7 1/45	HG-SR152 (B) G7 1/45											
HC-RFS203 (B) G7 1/5	MR-J4-350B-RJ020 (Note 10)	HC-RFS203 (B) G7 1/11	HG-SR202 (B) G7 1/5	HG-SR202 (B) G7 1/11								
HC-RFS203 (B) G7 1/21		HG-SR202 (B) G7 1/21										
HC-RFS203 (B) G7 1/33		HG-SR202 (B) G7 1/33										
HC-RFS203 (B) G7 1/45		HG-SR202 (B) G7 1/45										
HC-RFS353 (B) G7 1/5	MR-J4-500B-RJ020 (Note 10)	HC-RFS353 (B) G7 1/11	HG-SR352 (B) G7 1/5	HG-SR352 (B) G7 1/11								
HC-RFS353 (B) G7 1/21		HG-SR352 (B) G7 1/21										
HC-RFS353 (B) G7 1/33		HG-SR352 (B) G7 1/33										
HC-RFS503 (B) G7 1/5		HG-SR502 (B) G7 1/5										
HC-RFS503 (B) G7 1/11	MR-J4-500B-RJ020	HC-RFS503 (B) G7 1/21	HG-SR502 (B) G7 1/11	SC-J2SBJ4KT5K								
HC-RFS503 (B) G7 1/33												

See page 2-26 for important points to note.



(11) Existing HC-UFS motor series

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)			(3)	(4)		(5)		
Existing model (Note 13)		Primary/secondary/Package replacement models (Note 5, 14)			Secondary replacement/Package replacement models					
Servo Amplifier model	Servo motor model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo motor model (Note 1)	Motor side conversion cable model				
						Com- patibility	Power supply conversion cable	Encoder conversion cable	Brake conversion cable	
[Medium capacity/flat type HC-UFS series, standard/with brake] ((B) represents models with brake)										
MR-J2S-70B	HCUF572(B)	MR-J4-70B-RJ020	MR-J4-T20	SC-J2SBJ4KT1K	HG-UR72 (B)	○	Existing cable can be used.	SC-HAJ3ENM3C1M	Existing cable can be used.	
MR-J2S-200B	HCUF5152(B)	MR-J4-200B-RJ020		SC-J2SBJ4KT3K	HG-UR152 (B)					
MR-J2S-350B	HCUF5202(B)	MR-J4-350B-RJ020		SC-J2SBJ4KT5K	HG-UR202 (B)					
MR-J2S-500B	HCUF5352(B) HCUF5502(B)	MR-J4-500B-RJ020		SC-J2SBJ4KT5K	HG-UR352 (B) HG-UR502 (B)					
[Small capacity/flat type HC-UFS series, standard/with brake] ((B) represents models with brake)										
MR-J2S-10B	HCUF513(B)	MR-J4-10B-RJ020	MR-J4-T20	SC-J2SBJ4KT02K	HG-KR13 (B)	× (Note 3)	Without brake: SC-J2S.J4PW1C03M-■ With brake: SC-J2S.J4PWBK1C03M-■	SC-HAJ3ENM1C03M-■	Built in to power supply conversion cable.	
MR-J2S-20B	HCUF523(B)	MR-J4-20B-RJ020		SC-J2SBJ4KT06K	HG-KR23 (B)					
MR-J2S-40B	HCUF543(B)	MR-J4-40B-RJ020		SC-J2SBJ4KT06K	HG-KR43 (B)					
MR-J2S-70B	HCUF573(B)	MR-J4-70B-RJ020		SC-J2SBJ4KT1K	HG-KR73 (B)					

See page 2-26 for important points to note.

(12) Existing HC-LFS motor series

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)			(3)	(4)		(5)	(6)	(7)	
Existing model (Note 13)		Primary replacement model (Note 5)			Secondary replacement/Package replacement models						
Servo Amplifier model	Servo Motor Model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo Amplifier model (Note 1)	SSCNET conversion unit model (Note 1)	Servo Motor Model (Note 1)	Motor side conversion cable model			
								Com- patibility	Renewal kit model	Power supply conversion cable	Encoder conversion cable
[Medium capacity/low inertia HC-LFS series, standard/with brake] ((B) represents models with brake)											
MR-J2S-60B	HCLFS62(B)	MR-J4-60B-RJ020 (Note 10)	MR-J4-T20	SC-J2SBJ4KT06K	MR-J4-70B-RJ020 (Note 10)	MR-J4-T20	HG-JR73 (B)	× (Note 3)	(Note 11)	SC-SAJ3PW2KC1M-S2	SC-HAJ3ENM3C1M (Note 7)
MR-J2S-100B	HCLFS102(B)	MR-J4-100B-RJ020 (Note 10)		SC-J2SBJ4KT1K	MR-J4-200B-RJ020 (Note 10)		HG-JR153 (B)				
MR-J2S-200B	HCLFS152(B)	MR-J4-200B-RJ020 (Note 10)		SC-J2SBJ4KT3K	MR-J4-350B-RJ020 (Note 10)		HG-JR353 (B)				
MR-J2S-350B	HCLFS202(B)	MR-J4-350B-RJ020		SC-J2SBJ4KT5K	MR-J4-350B-RJ020		HG-JR503 (B)				
MR-J2S-500B	HCLFS302(B)	MR-J4-500B-RJ020		SC-J2SBJ4KT5K	MR-J4-500B-RJ020						

See page 2-26 for important points to note.

(13) Existing HA-LFS motor series

○: Compatible; △: Limited functions or compatible with certain conditions; ×: Incompatible

(1)		(2)			(3)		(4)		(5)		(6)		(7)	
Existing model (Note 13)		Primary replacement model (Note 5)			Secondary replacement/Package replacement models									
Servo amplifier model	Servo Motor Model	Servo Amplifier model (Note 1, 12)	SSCNET conversion unit model (Note 1)	Renewal kit model	Servo Amplifier model (Note 1)	SSCNET conversion unit model (Note 1)	Servo Motor Model (Note 1)	Com-patibility	Renewal kit model	Power supply conversion cable	Encoder conversion cable	Motor side conversion cable model		
												Brake/Conversion cable for the cooling fan		
[Large capacity/low inertia HA-LFS series, standard/with brake] ((B) represents models with brake)														
MR-J2S-500B	HALFS502	MR-J4-500B-RJ020		SC-J2SBJ4KT5K	MR-J4-500B-RJ020		HG-SR502		SC-J2SBJ4KT5K	SC-HAJ3PW1 C1M	SC-HAJ3ENM3C1M			
MR-J2S-700B	HALFS702	MR-J4-700B-RJ020		SC-J2SBJ4KT7K	MR-J4-700B-RJ020		HG-SR702		SC-J2SBJ4KT7K	Existing cable can be used.				
MR-J2S-11KB	HALFS11K1M (B)	MR-J4-11KB-RJ020		SC-J2SBJ4KT15K	MR-J4-11KB-RJ020		HG-JR11K1M (B)	× (Note 3)	SC-J2SBJ4KT15K	SC-J2SJ4PW3 C1M-■	Existing cable can be used		Existing brake cable can be used.	Cooling fan cable (Note 9)
MR-J2S-15KB	HALFS15K2(B)	MR-J4-15KB-RJ020 (Note 10)	MR-J4-15KB-RJ020 (Note 10)		MR-J4-15KB-RJ020	HG-JR15K1M (B)								
	HALFS15K1M (B)	MR-J4-15KB-RJ020	MR-J4-15KB-RJ020 (Note 10)		MR-J4-15KB-RJ020	HG-JR15K1M (B)								
MR-J2S-22KB	HALFS22K2(B)	MR-J4-22KB-RJ020 (Note 10)		SC-J2SBJ4KT22K (Note 10)	MR-J4-22KB-RJ020 (Note 10)				(Note 11)					
	HALFS22K1M	MR-J4-22KB-RJ020		SC-J2SBJ4KT22K	MR-J4-22KB-RJ020		HG-JR22K1M (Note 4)		SC-J2SBJ4KT22K	(Note 8)				Cooling fan conversion cable SC-J2SJ4FAN1C 1M

See page 2-26 for important points to note.

- Note
1. Purchase from Mitsubishi Electric.
  2. The actual reduction ratio is different when replacing a motor. Note that it is necessary to adjust the electronic gear after checking the actual reduction ratio of the motor. For details, refer to Part 6 of the "Guide for Replacing MR-J2S / J2M L (NA) 03092" issued by Mitsubishi Electric Corporation.
  3. Note that because the flange dimensions and shaft end dimensions are not compatible it is necessary to change the servo motor shaft connection portion, including the mounting portion and the coupling/pulley when replacing the motor. For details, refer to Part 6 of the "Guide for Replacing MR-J2S / J2M L (NA) 03092" issued by Mitsubishi Electric Corporation.
  4. Before replacing the motor, the moment of inertia is different from the motor before replacement. Take note of the load to motor inertia ratio. Review of the operation pattern is necessary depending on the existing device. For details, refer to Part 6 of the "Guide for Replacing MR-J2S / J2M L (NA) 03092" issued by Mitsubishi Electric Corporation.
  5. If the gain of the existing servo amplifier is extremely high, there may be slight differences in characteristics upon primary replacement. Make sure to set the gain again.
  6. Because the total length of the motor becomes shorter, the motor connector may interfere with the device side. Take care.
  7. Laying a new electromagnetic brake cable is required when performing a secondary replacement or package replacement of a motor with brake. Use a motor electromagnetic brake cable (SC-BKC1CBL1M-L or SC-BKC1CBL1M-H) made by Mitsubishi.
  8. If the motor is replaced, it is necessary to change the crimped terminal of the existing power supply cable. (Screw size, UVW terminal: M8 → M10; Grounding terminal: M6 → M10; Thermistor terminal: M4 → M3.5)
  9. There is no cooling fan in the replacement motor when the motor is replaced. Because the existing wiring becomes unnecessary, insulate as needed.
  10. Package replacement is recommended because replacing the servo amplifier again is necessary at secondary replacement.
  11. The renewal kit cannot be used for secondary or package replacement due to large differences in servo amplifier shape resulting from changes in servo amplifier capacity.
  12. The software version for primary replacement of servo amplifiers are different depending on the motor. Contact Mitsubishi Electric Corporation for ordering assistance.
  13. For information regarding the replacement of existing models which are unlisted, please contact Mitsubishi Electric Corporation.
  14. The replacement servo amplifier, SSCNET conversion unit, and renewal kit are the same for primary, secondary, and package replacement.
  15. When replacing a motor, the torque characteristics are different compared with the motor before replacement. For details, refer to Part 6 of the "Guide for Replacing MR-J2S / J2M L (NA) 03092" issued by Mitsubishi Electric Corporation.