

Sales and Service

Addition of Combinations of HK-ST Series AC Servo Motors and Servo Amplifiers

Thank you for your continued patronage of the Mitsubishi Electric AC servo system.
New combinations of AC servo motors and servo amplifiers will be added as follows.

1. Target Model

HK-ST302W, HK-ST352W,
HK-ST524W, HK-ST1024W, HK-ST1724W, HK-ST2024AW, HK-ST3024W,
HK-ST2024W, HK-ST3524W, HK-ST5024W, HK-ST7024W

2. Details of the Change

The servo motors above can be used in the new combinations of the servo motors and the MR-J5 servo amplifiers. *1

Combinations of servo motors and servo amplifiers *2*3

○: Standard torque ◎: Torque increased

Servo motor			Servo amplifier MR-J5- (200 V)							Servo amplifier MR-J5- (400 V) *2				
			40G 40A	60G 60A	70G 70A	100G 100A	200G 200A	350G 350A	500G 500A	700G 700A	60G4 60A4	100G4 100A4	200G4 200A4	350G4 350A4
HK-ST_W	130 × 130	HK-ST302W	-	-	-	-	-	○	◎	-	-	-	-	
	176 × 176	HK-ST352W	-	-	-	-	-	○	◎	-	-	-	-	
HK-ST_4W	130 × 130	HK-ST524W	○	○	○	-	-	-	-	-	○	◎	◎	-
		HK-ST1024W	-	○	◎	◎	-	-	-	-	-	○	◎	◎
		HK-ST1724W	-	-	-	○	○	○	-	-	-	-	○	○
		HK-ST2024AW	-	-	-	○	○	○	-	-	-	-	○	◎
	176 × 176	HK-ST2024W	-	-	-	-	○	○	-	-	-	-	○	◎
		HK-ST3524W	-	-	-	-	○	◎	-	-	-	-	-	○
		HK-ST5024W	-	-	-	-	-	○	○	-	-	-	-	-
		HK-ST7024W	-	-	-	-	-	-	○	○	-	-	-	-

*1 Values indicated on the rating plate may be changed as the new combinations are added. For details of the descriptions on the rating plate, refer to "Rotary Servo Motor User's Manual (HK Series)".

*2 400 V servo amplifiers will be available in the near future.

*3 The new combinations are shown with shading. When servo motors and servo amplifiers are used in the currently available combinations, there is no change in the specifications and the torque characteristics.

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3. Schedule ^{*1*2*3}

This change will be made from the December 2020 production.

Note that, depending on the stock status, the products that support or do not support the new combinations may be distributed in the market around the same time.

*1 Specifications and torque characteristics for the servo motors that are used in the new combinations will be described in "Rotary Servo Motor User's Manual (HK Series)" which will be revised in February 2021.

*2 Drive system sizing software Motorizer will support the new combinations from June 2021 or later.

*3 The production year and month of the servo motors are indicated in the serial number on the rating plate. The year and month of manufacture are indicated by the last two digits of the year and one digit of the month [1 to 9, X (10), Y (11), and Z (12)]. For December 2020, the serial number is "SER. _____ 20Z". The servo motors which can be used in the new combinations have a serial number of "SER. __20Z" or later. For details of the descriptions on the rating plate, refer to "Rotary Servo Motor User's Manual (HK Series)".