

## Accessories and Cables

### ■ Connection Cables (Power Cables, Brake Cables, Encoder Cables)

#### <Non-flexible Cables>

##### Power cable

Specifications		Without brake		With brake	
		Model		Model	
[100 V/200 V] 3,000-r/min Servomotors of 50 to 750 W	3 m	R88A-CAKA003S			
	5 m	R88A-CAKA005S			
	10 m	R88A-CAKA010S			
	15 m	R88A-CAKA015S			
	20 m	R88A-CAKA020S			
	30 m	R88A-CAKA030S			
	40 m	R88A-CAKA040S			
	50 m	R88A-CAKA050S			
[200 V] 3,000-r/min Servomotors of 1 to 2 kW 2,000-r/min Servomotors of 1 to 2 kW 1,000-r/min Servomotors of 900 W	3 m	R88A-CAGB003S		R88A-CAGB003B	
	5 m	R88A-CAGB005S		R88A-CAGB005B	
	10 m	R88A-CAGB010S		R88A-CAGB010B	
	15 m	R88A-CAGB015S		R88A-CAGB015B	
	20 m	R88A-CAGB020S		R88A-CAGB020B	
	30 m	R88A-CAGB030S		R88A-CAGB030B	
	40 m	R88A-CAGB040S		R88A-CAGB040B	
	50 m	R88A-CAGB050S		R88A-CAGB050B	
[400 V] 3,000-r/min Servomotors of 750 W to 2 kW 2,000-r/min Servomotors of 400 W to 2 kW 1,000-r/min Servomotors of 900 W	3 m	R88A-CAGB003S		R88A-CAKF003B	
	5 m	R88A-CAGB005S		R88A-CAKF005B	
	10 m	R88A-CAGB010S		R88A-CAKF010B	
	15 m	R88A-CAGB015S		R88A-CAKF015B	
	20 m	R88A-CAGB020S		R88A-CAKF020B	
	30 m	R88A-CAGB030S		R88A-CAKF030B	
	40 m	R88A-CAGB040S		R88A-CAKF040B	
	50 m	R88A-CAGB050S		R88A-CAKF050B	
[200 V] [400 V] 3,000-r/min Servomotors of 3 to 5 kW 2,000-r/min Servomotors of 3 to 5 kW 1,000-r/min Servomotors of 2 to 4.5 kW	3 m	R88A-CAGD003S		R88A-CAGD003B	
	5 m	R88A-CAGD005S		R88A-CAGD005B	
	10 m	R88A-CAGD010S		R88A-CAGD010B	
	15 m	R88A-CAGD015S		R88A-CAGD015B	
	20 m	R88A-CAGD020S		R88A-CAGD020B	
	30 m	R88A-CAGD030S		R88A-CAGD030B	
	40 m	R88A-CAGD040S		R88A-CAGD040B	
	50 m	R88A-CAGD050S		R88A-CAGD050B	
[200 V] [400 V] 1,500-r/min Servomotors of 7.5 kW 1,000-r/min Servomotors of 6 kW	3 m	R88A-CAGE003S			
	5 m	R88A-CAGE005S			
	10 m	R88A-CAGE010S			
	15 m	R88A-CAGE015S			
	20 m	R88A-CAGE020S			
	30 m	R88A-CAGE030S			
	40 m	R88A-CAGE040S			
	50 m	R88A-CAGE050S			

**Note:** 1. Different connectors are used for the motor power and the brake on 100-V and 200-V, 3,000-r/min Servomotors of 50 to 750 W and Servomotors of 6 to 15 kW. When using a Servomotor with a brake, two cables are required: a Power Cable without Brake and a Brake Cable.

2. For non-flexible power cables for Servomotors of 11 or 15 kW, refer to the G5 series USER'S MANUAL and make your own cable. Confirm the Manual No. that is listed in Related Manuals.

**Brake Cable**

Specifications		Non-flexible Cables	
		Model	
[100 V][200 V] 3,000-r/min Servomotors of 50 to 750 W	3 m	R88A-CAKA003B	
	5 m	R88A-CAKA005B	
	10 m	R88A-CAKA010B	
	15 m	R88A-CAKA015B	
	20 m	R88A-CAKA020B	
	30 m	R88A-CAKA030B	
	40 m	R88A-CAKA040B	
	50 m	R88A-CAKA050B	
[200 V][400 V] 1,500-r/min Servomotors of 7.5 to 15 kW 1,000-r/min Servomotors of 6 kW	3 m	R88A-CAGE003B	
	5 m	R88A-CAGE005B	
	10 m	R88A-CAGE010B	
	15 m	R88A-CAGE015B	
	20 m	R88A-CAGE020B	
	30 m	R88A-CAGE030B	
	40 m	R88A-CAGE040B	
	50 m	R88A-CAGE050B	

**Encoder Cable**

Specifications		Non-flexible Cables	
		Model	
[100 V/200 V] 3,000-r/min Servomotors of 50 to 750 W	3 m	R88A-CRKA003C	
	5 m	R88A-CRKA005C	
	10 m	R88A-CRKA010C	
	15 m	R88A-CRKA015C	
	20 m	R88A-CRKA020C	
	30 m	R88A-CRKA030C	
	40 m	R88A-CRKA040C	
	50 m	R88A-CRKA050C	
[100 V and 200 V] 3,000-r/min Servomotors of 1.0 kW or more 2,000-r/min Servomotors 1,500-r/min Servomotors 1,000-r/min Servomotors [400 V] 3,000-r/min Servomotors 2,000-r/min Servomotors 1,500-r/min Servomotors 1,000-r/min Servomotors	3 m	R88A-CRKC003N	
	5 m	R88A-CRKC005N	
	10 m	R88A-CRKC010N	
	15 m	R88A-CRKC015N	
	20 m	R88A-CRKC020N	
	30 m	R88A-CRKC030N	
	40 m	R88A-CRKC040N	
	50 m	R88A-CRKC050N	

# AC Servomotor/Drive G5-series

## <Flexible Cables>

### Power cable

Specifications		Without brake		With brake	
		Model		Model	
[100 V/200 V] 3,000-r/min Servomotors of 50 to 750 W	3 m	R88A-CAKA003SR		<b>Note:</b> There are separate connectors for power and brakes for 3,000-r/min Servomotors of 50 to 750W. When a Servomotor with a brake is used, it is necessary to use both a PowerCable for Servomotors without brakes and Power cable.	
	5 m	R88A-CAKA005SR			
	10 m	R88A-CAKA010SR			
	15 m	R88A-CAKA015SR			
	20 m	R88A-CAKA020SR			
	30 m	R88A-CAKA030SR			
	40 m	R88A-CAKA040SR			
[200 V] 3,000-r/min Servomotors of 1 to 2 kW 2,000-r/min Servomotors of 1 to 2 kW 1,000-r/min Servomotors of 900 W	3 m	R88A-CAGB003SR		R88A-CAGB003BR	
	5 m	R88A-CAGB005SR		R88A-CAGB005BR	
	10 m	R88A-CAGB010SR		R88A-CAGB010BR	
	15 m	R88A-CAGB015SR		R88A-CAGB015BR	
	20 m	R88A-CAGB020SR		R88A-CAGB020BR	
	30 m	R88A-CAGB030SR		R88A-CAGB030BR	
	40 m	R88A-CAGB040SR		R88A-CAGB040BR	
[400 V] 3,000-r/min Servomotors of 750 W to 2 kW 2,000-r/min Servomotors of 400 W to 2 kW 1,000-r/min Servomotors of 900 W	3 m	R88A-CAGB003SR		R88A-CAKF003BR	
	5 m	R88A-CAGB005SR		R88A-CAKF005BR	
	10 m	R88A-CAGB010SR		R88A-CAKF010BR	
	15 m	R88A-CAGB015SR		R88A-CAKF015BR	
	20 m	R88A-CAGB020SR		R88A-CAKF020BR	
	30 m	R88A-CAGB030SR		R88A-CAKF030BR	
	40 m	R88A-CAGB040SR		R88A-CAKF040BR	
[200 V] [400 V] 3,000-r/min Servomotors of 3 to 5 kW 2,000-r/min Servomotors of 3 to 5 kW 1,000-r/min Servomotors of 4.5 kW	3 m	R88A-CAGD003SR		R88A-CAGD003BR	
	5 m	R88A-CAGD005SR		R88A-CAGD005BR	
	10 m	R88A-CAGD010SR		R88A-CAGD010BR	
	15 m	R88A-CAGD015SR		R88A-CAGD015BR	
	20 m	R88A-CAGD020SR		R88A-CAGD020BR	
	30 m	R88A-CAGD030SR		R88A-CAGD030BR	
	40 m	R88A-CAGD040SR		R88A-CAGD040BR	
50 m	R88A-CAGD050SR		R88A-CAGD050BR		

**Note: 1.** Different connectors are used for the motor power and the brake on 100-V and 200-V, 3,000-r/min Servomotors of 50 to 750 W and Servomotors of 6 to 15 kW. When using a Servomotor with a brake, two cables are required: a Power Cable without Brake and a Brake Cable.

**Note: 2.** For flexible power cables for Servomotors of 11 to 15 kW, refer to the G5 series USER'S MANUAL and make your own cable.

For flexible power cables for Servomotors of 6 to 7.5 kW, refer to the G5 series USER'S MANUAL and make your own power cable.

### Brake Cable

Specifications		Flexible Cables	
		Model	
[100 V] [200 V] 3,000-r/min Servomotors of 50 to 750 W	3 m	R88A-CAKA003BR	
	5 m	R88A-CAKA005BR	
	10 m	R88A-CAKA010BR	
	15 m	R88A-CAKA015BR	
	20 m	R88A-CAKA020BR	
	30 m	R88A-CAKA030BR	
	40 m	R88A-CAKA040BR	
50 m	R88A-CAKA050BR		

**Note:** For flexible brake cables for Servomotors of 6 to 15 kW, refer to the G5 series USER'S MANUAL and make your own brake cable. Confirm the Manual No. that is listed in Related Manuals.

### Encoder Cable

Specifications		Flexible Cables	
		Model	
[100 V/200 V] 3,000-r/min Servomotors of 50 to 750 W (for both absolute encoders and incremental encoders)	3 m	R88A-CRKA003CR	
	5 m	R88A-CRKA005CR	
	10 m	R88A-CRKA010CR	
	15 m	R88A-CRKA015CR	
	20 m	R88A-CRKA020CR	
	30 m	R88A-CRKA030CR	
	40 m	R88A-CRKA040CR	
[100 V and 200 V] 3,000-r/min Servomotors of 1.0 kW or more 2,000-r/min Servomotors 1,500-r/min Servomotors 1,000-r/min Servomotors [400 V] 3,000-r/min Servomotors 2,000-r/min Servomotors 1,500-r/min Servomotors 1,000-r/min Servomotors	50 m	R88A-CRKA050CR	
	3 m	R88A-CRKC003NR	
	5 m	R88A-CRKC005NR	
	10 m	R88A-CRKC010NR	
	15 m	R88A-CRKC015NR	
	20 m	R88A-CRKC020NR	
	30 m	R88A-CRKC030NR	
40 m	R88A-CRKC040NR		
50 m	R88A-CRKC050NR		