

EJSG-FP1

Slider type Supports food manufacturing processes



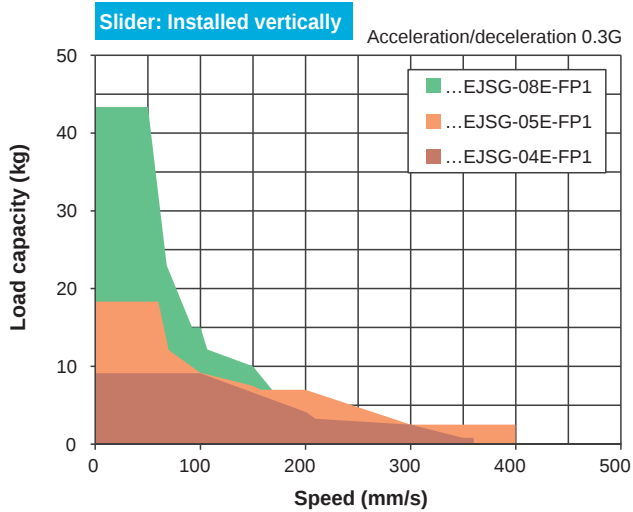
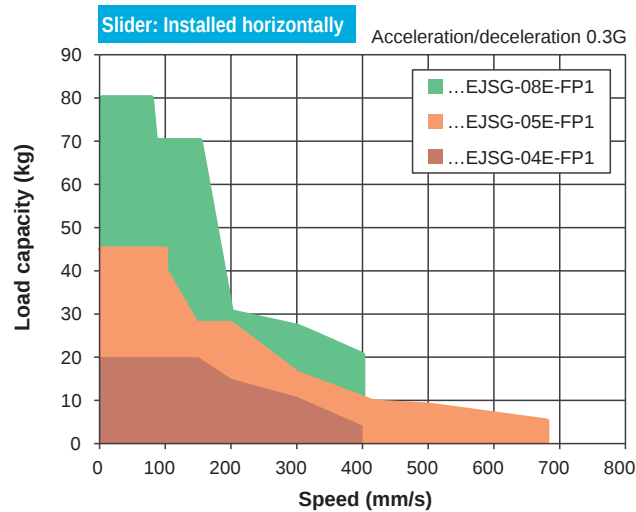
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Series variation

Controller	Actuator Model No.		Motor Size	Motor Mounting Direction	Body width (mm)	Screw lead (mm)	Max. load capacity (kg)		Max. Pressing force (N)		Stroke (mm) and max. speed (mm/s)																				Listed page							
											50 mm	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000		1050	1100					
  ECG Series	 	EJSG-04E06-FP1	□ 35	Straight	44	6	20.0	9.2	155		260 mm/s													250	220	190	170											94
		EJSG-04E12-FP1				12	15.0	3.3	77		400																390	340										
		EJSG-04R/D/L06-FP1	Left/Right/Bottom	6		20.0	9.2	155		200														190	170											96		
		EJSG-04R/D/L12-FP1		12		11.7	3.3	77		320																												
	     	EJSG-05E05-FP1	□ 42	Straight	54	5	40.0	14.0	220		230													225	200	175	150										98	
		EJSG-05E10-FP1				10	27.5	7.0	110		400																355	315										
		EJSG-05E20-FP1				20	18.3	2.5	55		680																	630										
		EJSG-05R/D/L05-FP1		Left/Right/Bottom		5	40.0	10.0	220		200																175	150										100
		EJSG-05R/D/L10-FP1				10	27.5	3.3	110		320																	315										
		EJSG-05R/D/L20-FP1				20	18.3	0.8	55		560																											
	     	EJSG-08E05-FP1	□ 56	Straight	82	5	80.0	43.3	965		120																					110	102					
		EJSG-08E10-FP1				10	70.0	28.3	482		200																											
		EJSG-08E20-FP1				20	30.0	3.3	241		400																											
		EJSG-08R/D/L05-FP1		Left/Right/Bottom		5	80.0	33.3	965		100																							104				
		EJSG-08R/D/L10-FP1				10	70.0	18.3	482		200																											
		EJSG-08R/D/L20-FP1				20	30.0	3.3	241		320																											

* This data is obtained at an acceleration/deceleration of 0.3G.
* The load capacity when wall mounted is the same as for horizontal installation.





Electric actuator Slider Supports food manufacturing processes

EJSG-04E-FP1

Straight motor mounting

☐ 35 Stepping motor



How to order

EJSG - 04 E 06 0300 N B N - C S03 - FP1

1 Body size	2 Motor mounting direction	3 Screw lead	4 Stroke	5 Brake	6 Encoder	7 Relay cable
04 Body width 44mm	E Straight mounting	06 6 mm 12 12 mm	0050 to 0800 50 mm (In 50 mm increments) 800 mm	N None B Yes	B Battery-less absolute encoder C Incremental encoder	N00 None S01 Fixed cable 1 m S03 Fixed cable 3 m S05 Fixed cable 5 m S10 Fixed cable 10 m R01 Movable cable 1 m R03 Movable cable 3 m R05 Movable cable 5 m R10 Movable cable 10 m

*1 Select the controller from page 117.

*2 When using vertically, select "Yes".

*3 Refer to page 128 for relay cable dimensions.

Specifications

Supported controllers	ECG-A	
Motor	☐ 35 Stepping motor	
Encoder type	Battery-less absolute encoder Incremental encoder	
Drive method	Ball screw $\varnothing 10$	
Stroke mm	50 to 800	
Screw lead mm	6	12
Max. workload kg	Horizontal	20.0
	Vertical	9.2
Operation speed range *2mm/s	7 to 260	15 to 400
Max. acceleration/ deceleration G	Horizontal	0.7
	Vertical	0.3
Maximum pushing force N	155	77
Pressing operation speed rangemm/s	5 to 20	5 to 20
Repeatability mm	± 0.01	
Lost motion mm	0.1 or less	
Static allowable moment N·m	MP:62 MY:62 MR:92	
Motor power supply voltage	24 VDC $\pm 10\%$	
Motor section max. instantaneous currentA	2.4	
Brake	Model, power supply voltage	Non-excitation operation, 24 VDC $\pm 10\%$
	Power consumptionW	6.1
	Holding force N	140
Insulation resistance	10 M Ω , 500 VDC	
Withstand voltage	500 VAC for 1 minute	
Operating ambient temperature, humidity	10 to 40 °C (no freezing) 35 to 80% RH (no condensation)	
Storage ambient temperature, humidity	-10 to 50°C (no freezing) 35 to 80% RH (no condensation)	
Atmosphere	No corrosive gas, explosive gas, or dust	

*1 Load capacity varies according to acceleration/deceleration and speed. Refer to page 95 for details.

*2 The maximum speed may decrease depending on the conditions.

Stroke and max. speed

Screw lead	Stroke (mm/s)				
	50 to 600	650	700	750	800
6	260	250	220	190	170
12	400	400	400	390	340

Speed and load capacity

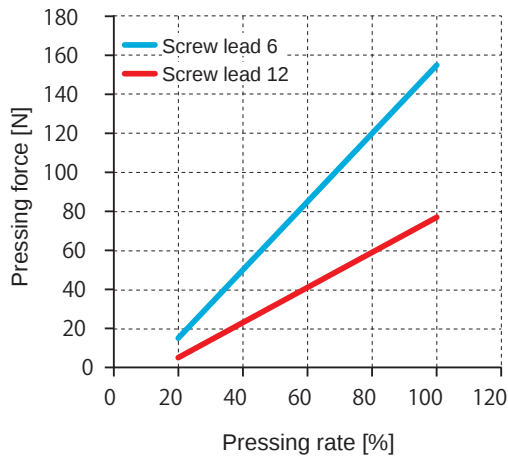
[When installed horizontally]

					(kg)
Acceleration/deceleration (G)					
Speed (mm/s)	Screw lead (mm)				
	6	12	6	12	
7	20.0		20.0		
15	20.0	15.0	20.0	11.0	
50	20.0	15.0	20.0	11.0	
100	20.0	15.0	20.0	11.0	
150	20.0	15.0	12.5	10.8	
200	15.0	15.0	12.5	10.8	
250	11.7	10.8	11.7	8.3	
260	10.9	10.8	10.9	8.3	
300		10.8		8.3	
320		9.5		7.5	
400		4.2		4.2	

[When installed vertically]

Speed (mm/s)	Acceleration/deceleration (G)	
	0.3	
	Screw lead (mm)	
	6	12
7	9.2	
15	9.2	3.3
50	9.2	3.3
100	9.2	3.3
150	6.7	3.3
180	5.2	3.3
200	4.2	3.3
220	2.2	2.7
280		2.7
300		2.5
350		0.8
360		0.8

Pressing force



*The above pressing force is a reference value. Variation may occur according to conditions such as pressing speed.

Dimensions

Refer to page 8.

EJSG

EJSG-G

EJSG-C

EJSG-P4

EJSG-FP1

Model selection
Technical data

ECG-A

Safety
precautions



Electric actuator Slider Supports food manufacturing processes

EJSG-04*-FP1

Motor side mounting (left, right, bottom)

☐ 35 stepper motor



How to order

EJSG - 04 R 06 0300 N B N - C S03 - FP1

1 Body size	2 Motor mounting direction*2	3 Screw lead	4 Stroke	5 Brake	6 Encoder	7 Relay cable
04 Body width 44mm	R Right mounting D Bottom mounting L Left mounting	06 6 mm 12 12 mm	0050 to 0800 50 mm (In 50 mm increments) 800 mm	N None B Yes	B Battery-less absolute encoder C Incremental encoder	N00 None S01 Fixed cable 1 m S03 Fixed cable 3 m S05 Fixed cable 5 m S10 Fixed cable 10 m R01 Movable cable 1 m R03 Movable cable 3 m R05 Movable cable 5 m R10 Movable cable 10 m

*1 Select the controller from page 117.

*2 When the motor mounting direction "D" is selected, the stroke is selected from "0250 (250 mm)" to "0800 (800 mm)".

*3 When using vertically, select "Yes".

*4 Refer to page 128 for relay cable dimensions.

Specifications

Supported controllers	ECG-A	
Motor	☐ 35 Stepping motor	
Encoder type	Battery-less absolute encoder Incremental encoder	
Drive method	Ball screw ø10	
Stroke mm	50 to 800	
Screw lead mm	6	12
Max. workload kg	Horizontal	20.0
	Vertical	9.2
Operation speed range *2mm/s	7 to 200	15 to 320
Max. acceleration/ deceleration G	Horizontal	0.7
	Vertical	0.3
Maximum pushing force N	155	77
Pressing operation speed rangemm/s	5 to 20	5 to 20
Repeatability mm	±0.01	
Lost motion mm	0.1 or less	
Static allowable moment N·m	MP:62 MY:62 MR:92	
Motor power supply voltage	24 VDC ±10%	
Motor section max. instantaneous currentA	2.4	
Brake	Model, power supply voltage	Non-excitation operation, 24 VDC ±10%
	Power consumptionW	6.1
	Holding force N	140
Insulation resistance	10 MΩ, 500 VDC	
Withstand voltage	500 VAC for 1 minute	
Operating ambient temperature, humidity	10 to 40 °C (no freezing) 35 to 80% RH (no condensation)	
Storage ambient temperature, humidity	-10 to 50°C (no freezing) 35 to 80% RH (no condensation)	
Atmosphere	No corrosive gas, explosive gas, or dust	

*1 Load capacity varies according to acceleration/deceleration and speed. Refer to page 97 for details.

*2 The maximum speed may decrease depending on the conditions.

Stroke and max. speed

Screw lead	Stroke (mm/s)		
	50 to 700	750	800
6	200	190	170
12	320	320	320

Speed and load capacity

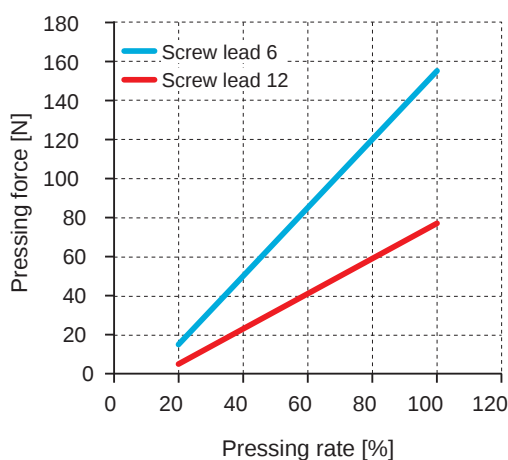
[When installed horizontally]

					(kg)
		Acceleration/deceleration (G)			
		0.3		0.7	
Speed (mm/s)	Screw lead (mm)				
	6	12	6	12	
7	20.0		20.0		
15	20.0	11.7	20.0	10.0	
50	20.0	11.7	20.0	10.0	
100	20.0	11.7	20.0	10.0	
150	13.3	11.7	11.7	10.0	
200	13.3	11.7	10.0	10.0	
300		8.3		8.3	
320		7.3		7.3	

[When installed vertically]

Speed (mm/s)	Acceleration/deceleration (G)	
	0.3	
	Screw lead (mm)	
	6	12
7	9.2	
15	9.2	3.3
50	9.2	3.3
100	6.7	3.3
150	3.3	3.3
180	2.8	3.3
200		3.3
280		2.0

Pressing force



*The above pressing force is a reference value. Variation may occur according to conditions such as pressing speed.

Dimensions

Refer to pages 12 to 14 .

EJSG

EJSG-G

EJSG-C

EJSG-P4

EJSG-FP1

Model selection
Technical data

ECG-A

Safety
precautions



Electric actuator Slider Supports food manufacturing processes

EJSG-05E-FP1

Straight motor mounting

□42 Stepper motor



How to order

EJSG - 05 E 05 0300 N B N - C S03 - FP1

1 Body size	2 Motor mounting direction	3 Screw lead	4 Stroke	5 Brake	6 Encoder	7 Relay cable
05 Body width 54mm	E Straight mounting	05 5 mm 10 10 mm 20 20 mm	0050 to 0800 50 mm (In 50 mm increments) 800 mm	N None B Yes	B Battery-less absolute encoder C Incremental encoder	N00 None S01 Fixed cable 1 m S03 Fixed cable 3 m S05 Fixed cable 5 m S10 Fixed cable 10 m R01 Movable cable 1 m R03 Movable cable 3 m R05 Movable cable 5 m R10 Movable cable 10 m

*1 Select the controller from page 117.

*2 When using vertically, select "Yes".

*3 Refer to page 128 for relay cable dimensions.

Specifications

Supported controllers	ECG-A		
Motor	□42 Stepper motor		
Encoder type	Battery-less absolute encoder Incremental encoder		
Drive method	Ball screw ø12		
Stroke mm	50 to 800		
Screw lead mm	5	10	20
Max. workload kg	Horizontal	40.0	27.5
	Vertical	14.0	7.0
Operation speed range *2mm/s	6 to 230	12 to 400	25 to 680
Max. acceleration/ deceleration G	Horizontal	0.7	0.7
	Vertical	0.3	0.3
Maximum pushing force N	220	110	55
Pressing operation speed rangemm/s	5 to 20	5 to 20	5 to 20
Repeatability mm	±0.01		
Lost motion mm	0.1 or less		
Static allowable moment N·m	MP:103 MY:103 MR:144		
Motor power supply voltage	24 VDC ±10%		
Motor section max. instantaneous currentA	2.7		
Brake	Model, power supply voltage	Non-excitation operation, 24 VDC ±10%	
	Power consumptionW	6.1	
	Holding force N	168	84
Insulation resistance	10 MΩ, 500 VDC		
Withstand voltage	500 VAC for 1 minute		
Operating ambient temperature, humidity	10 to 40 °C (no freezing) 35 to 80% RH (no condensation)		
Storage ambient temperature, humidity	-10 to 50°C (no freezing) 35 to 80% RH (no condensation)		
Atmosphere	No corrosive gas, explosive gas, or dust		

*1 Load capacity varies according to acceleration/deceleration and speed. Refer to page 99 for details.

*2 The maximum speed may decrease depending on the conditions.

Stroke and max. speed

Screw lead	Stroke (mm/s)				
	50 to 600	650	700	750	800
5	230	225	200	175	150
10	400	400	400	355	315
20	680	680	680	680	630

Speed and load capacity

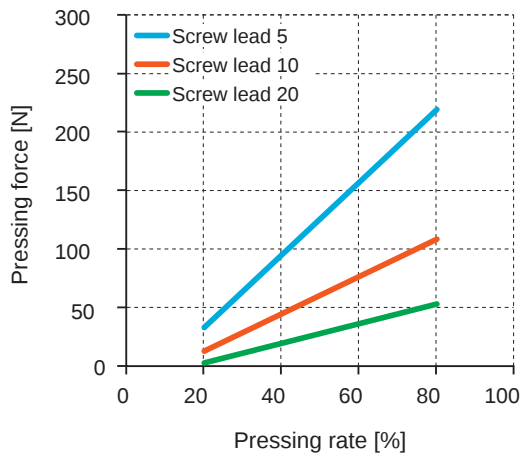
[When installed horizontally]

							(kg)
		Acceleration/deceleration (G)					
		0.3			0.7		
Speed (mm/s)	Screw lead (mm)						
	5	10	20	5	10	20	
6	40.0			40.0			
12	40.0	27.5		40.0	27.5		
25	40.0	27.5	18.3	40.0	27.5	8.3	
50	40.0	27.5	18.3	40.0	27.5	8.3	
100	40.0	27.5	18.3	40.0	27.5	8.3	
150	26.7	27.5	10.0	26.7	27.5	6.7	
200	26.7	27.5	10.0	26.7	27.5	6.7	
230	26.7	15.8	10.0	26.7	12.5	6.7	
300		15.8	10.0		12.5	6.7	
320		14.6	8.3		11.8	5.0	
400		10.0	8.3		9.2	5.0	
500			8.3			5.0	
560			7.1			4.3	
680			4.6			2.8	

[When installed vertically]

Speed (mm/s)	Acceleration/deceleration (G)		
	0.3		
	Screw lead (mm)		
	5	10	20
6	14.0		
12	14.0	7.0	
25	14.0	7.0	2.5
50	14.0	7.0	2.5
100	9.2	7.0	2.5
150	7.5	7.0	2.5
170	6.2	7.0	2.5
200	4.2	7.0	2.5
260		4.3	2.5
300		2.5	2.5
325		2.1	2.5
340		2.1	2.5
400			2.5

Pressing force



*The above pressing force is a reference value. Variation may occur according to conditions such as pressing speed.

Dimensions

Refer to page 18.

EJSG

EJSG-G

EJSG-C

EJSG-P4

EJSG-FP1

Model selection
Technical data

ECG-A

Safety
precautions



Electric actuator Slider Supports food manufacturing processes

EJSG-05*-FP1

Motor side mounting (left, right, bottom)

□42 Stepper motor



How to order

EJSG - 05 R 05 0300 N B N - C S03 - FP1

1 Body size	2 Motor mounting direction*2	3 Screw lead	4 Stroke	5 Brake	6 Encoder	7 Relay cable
05 Body width 54mm	R Right mounting D Bottom mounting L Left mounting	05 5 mm 10 10 mm 20 20 mm	0050 to 0800 50 mm (In 50 mm increments) 800 mm	N None B Yes	B Battery-less absolute encoder C Incremental encoder	N00 None S01 Fixed cable 1 m S03 Fixed cable 3 m S05 Fixed cable 5 m S10 Fixed cable 10 m R01 Movable cable1 m R03 Movable cable3 m R05 Movable cable5 m R10 Movable cable10 m

*1 Select the controller from page 117.

*2 When the motor mounting direction "D" is selected, the stroke is selected from "0250 (250 mm)" to "0800 (800 mm)".

*3 When using vertically, select "Yes".

*4 Refer to page 128 for relay cable dimensions.

Specifications

Supported controllers	ECG-A		
Motor	□42 Stepper motor		
Encoder type	Battery-less absolute encoder Incremental encoder		
Drive method	Ball screw ø12		
Stroke mm	50 to 800		
Screw lead mm	5	10	20
Max. workload kg	Horizontal	40.0	27.5
*1	Vertical	10.0	3.3
Operation speed range *2mm/s	6 to 200	12 to 320	25 to 560
Max. acceleration/ deceleration G	Horizontal	0.7	0.7
	Vertical	0.3	0.3
Maximum pushing force N	220	110	55
Pressing operation speed rangemm/s	5 to 20	5 to 20	5 to 20
Repeatability mm	±0.01		
Lost motion mm	0.1 or less		
Static allowable moment N·m	MP:103 MY:103 MR:144		
Motor power supply voltage	24 VDC ±10%		
Motor section max. instantaneous currentA	2.7		
Brake	Model, power supply voltage	Non-excitation operation, 24 VDC ±10%	
	Power consumptionW	6.1	
	Holding force N	168	84
Insulation resistance	10 MΩ, 500 VDC		
Withstand voltage	500 VAC for 1 minute		
Operating ambient temperature, humidity	10 to 40 °C (no freezing) 35 to 80% RH (no condensation)		
Storage ambient temperature, humidity	-10 to 50°C (no freezing) 35 to 80% RH (no condensation)		
Atmosphere	No corrosive gas, explosive gas, or dust		

*1 Load capacity varies according to acceleration/deceleration and speed. Refer to page 101 for details.

*2 The maximum speed may decrease depending on the conditions.

Stroke and max. speed

Screw lead	Stroke (mm/s)		
	50 to 700	750	800
5	200	175	150
10	320	320	315
20	560	560	560

Speed and load capacity

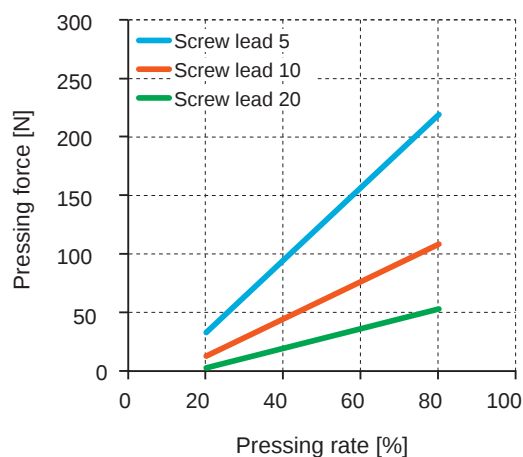
[When installed horizontally]

							(kg)
Acceleration/deceleration (G)							
							0.3
Speed (mm/s)	Screw lead (mm)						
	5	10	20	5	10	20	
6	40.0			40.0			
12	40.0	27.5		40.0	27.5		
25	40.0	27.5	18.3	40.0	27.5	7.5	
50	40.0	27.5	18.3	40.0	27.5	7.5	
100	40.0	27.5	18.3	40.0	27.5	7.5	
150	26.7	23.3	10.0	26.7	20.0	5.0	
200	26.7	23.3	10.0	26.7	20.0	5.0	
300		11.7	10.0		11.7	5.0	
320		10.0	6.7		10.0	4.2	
500			6.7			4.2	
560			5.7			3.5	

[When installed vertically]

Speed (mm/s)	Acceleration/deceleration (G)		
	0.3		
	Screw lead (mm)		
	5	10	20
6	10.0		
12	10.0	3.3	
25	10.0	3.3	0.8
50	10.0	3.3	0.8
100	8.3	3.3	0.8
150	6.7	2.1	0.8
170	5.0	2.1	0.8
200		2.1	0.8
260		1.6	0.8
400			0.8

Pressing force



*The above pressing force is a reference value. Variation may occur according to conditions such as pressing speed.

Dimensions

Refer to pages 22 to 24.

EJSG

EJSG-G

EJSG-C

EJSG-P4

EJSG-FP1

Model selection
Technical data

ECG-A

Safety
precautions



Electric actuator Slider Supports food manufacturing processes

EJSG-08E-FP1

Straight motor mounting

☐ 56 Stepping motor



How to order

EJSG - 08 E 05 0300 N B N - C S03 - FP1

1 Body size	2 Motor mounting direction	3 Screw lead	4 Stroke	5 Brake	6 Encoder	7 Relay cable
08 Body width 82mm	E Straight mounting	05 5 mm 10 10 mm 20 20 mm	0050 to 1100 50 mm (In 50 mm increments) 1100 mm	N None B Yes	B Battery-less absolute encoder C Incremental encoder	N00 None S01 Fixed cable 1 m S03 Fixed cable 3 m S05 Fixed cable 5 m S10 Fixed cable 10 m R01 Movable cable 1 m R03 Movable cable 3 m R05 Movable cable 5 m R10 Movable cable 10 m

*1 Select the controller from page 117.

*2 When using vertically, select "Yes".

*3 Refer to page 128 for relay cable dimensions.

Specifications

Supported controllers	ECG-A		
Motor	☐ 56 Stepping motor		
Encoder type	Battery-less absolute encoder Incremental encoder		
Drive method	Ball screw ø15		
Stroke mm	50 to 1100		
Screw lead mm	5	10	20
Max. workload kg	Horizontal	80.0	70.0
	Vertical	43.3	28.3
Operation speed range *2mm/s		6 to 120	12 to 200
Max. acceleration/ deceleration G	Horizontal	0.7	0.7
	Vertical	0.3	0.3
Maximum pushing force N		965	482
Pressing operation speed rangemm/s		5 to 20	5 to 20
Repeatability mm	±0.01		
Lost motion mm	0.1 or less		
Static allowable moment N·m	MP:203 MY:203 MR:336		
Motor power supply voltage	24 VDC ±10%		
Motor section max. instantaneous currentA	4.0		
Brake	Model, power supply voltage	Non-excitation operation, 24 VDC ±10%	
	Power consumptionW	7.2	
	Holding force N	768	384
Insulation resistance	10 MΩ, 500 VDC		
Withstand voltage	500 VAC for 1 minute		
Operating ambient temperature, humidity	10 to 40 °C (no freezing) 35 to 80% RH (no condensation)		
Storage ambient temperature, humidity	-10 to 50°C (no freezing) 35 to 80% RH (no condensation)		
Atmosphere	No corrosive gas, explosive gas, or dust		

*1 Load capacity varies according to acceleration/deceleration and speed. Refer to page 103 for details.

*2 The maximum speed may decrease depending on the conditions.

Stroke and max. speed

Screw lead	Stroke (mm/s)	
	50 to 1050	1100
5	120	110
10	200	200
20	400	400

Speed and load capacity

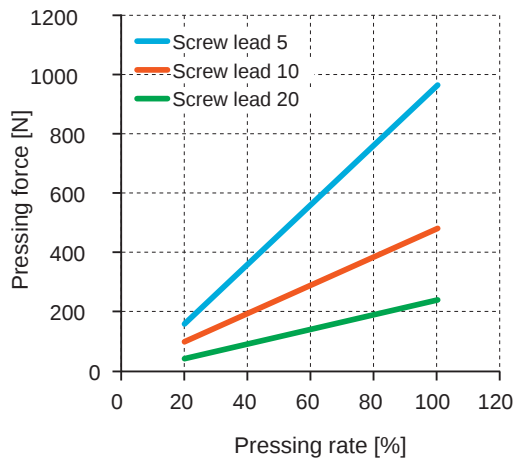
[When installed horizontally]

							(kg)
		Acceleration/deceleration (G)					
		0.3			0.7		
Speed (mm/s)	Screw lead (mm)						
	5	10	20	5	10	20	
6	80.0			80.0			
12	80.0	70.0		80.0	70.0		
25	80.0	70.0	30.0	80.0	70.0	26.7	
50	80.0	70.0	30.0	80.0	70.0	26.7	
75	80.0	70.0	30.0	80.0	70.0	26.7	
100	40.0	70.0	30.0	40.0	70.0	26.7	
120	40.0	70.0	30.0	40.0	70.0	18.3	
150		70.0	30.0		70.0	18.3	
200		28.3	30.0		17.5	18.3	
300			26.7			18.3	
320			25.4			17.0	
400			20.0				

[When installed vertically]

Speed (mm/s)	Acceleration/deceleration (G)		
	0.3		
	Screw lead (mm)		
	5	10	20
6	43.3		
12	43.3	28.3	
25	43.3	28.3	3.3
50	43.3	28.3	3.3
75	15.0	12.5	3.3
100	15.0	12.5	3.3
120	5.3	10.0	3.3
150		10.0	3.3
160		8.3	3.3
200		1.7	3.3
280			3.3

Pressing force



*The above pressing force is a reference value. Variation may occur according to conditions such as pressing speed.

Dimensions

Refer to page 28.

EJSG

EJSG-G

EJSG-C

EJSG-P4

EJSG-FP1

Model selection
Technical data

ECG-A

Safety
precautions



Electric actuator Slider Supports food manufacturing processes

EJSG-08*-FP1

Motor side mounting (left, right, bottom)

□56 Stepping motor



How to order

EJSG - 08 R 05 0300 N B N - C S03 - FP1

1 Body size

08	Body width 82mm
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2 Motor mounting direction*2

R	Right mounting
D	Bottom mounting
L	Left mounting

4 Stroke *2

0050 to 1100	50 mm (In 50 mm increments) 1100 mm
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3 Screw lead

05	5 mm
10	10 mm
20	20 mm

6 Encoder

B	Battery-less absolute encoder
C	Incremental encoder

5 Brake *3

N	None
B	Yes

7 Relay cable *4

N00	None
S01	Fixed cable 1 m
S03	Fixed cable 3 m
S05	Fixed cable 5 m
S10	Fixed cable 10 m
R01	Movable cable 1 m
R03	Movable cable 3 m
R05	Movable cable 5 m
R10	Movable cable 10 m

*1 Select the controller from page 117.

*2 When the motor mounting direction "D" is selected, the stroke is selected from "0250 (250 mm)" to "1100 (1100 mm)".

*3 When using vertically, select "Yes".

*4 Refer to page 128 for relay cable dimensions.

Specifications

Supported controllers	ECG-A		
Motor	□56 Stepping motor		
Encoder type	Battery-less absolute encoder Incremental encoder		
Drive method	Ball screw ø15		
Stroke mm	50 to 1100		
Screw lead mm	5	10	20
Max. workload kg	Horizontal	80.0	70.0
*1	Vertical	33.3	18.3
Operation speed range *2mm/s	6 to 100	12 to 200	25 to 320
Max. acceleration/ deceleration G	Horizontal	0.7	0.7
	Vertical	0.3	0.3
Maximum pushing force N	965	482	241
Pressing operation speed rangemm/s	5 to 20	5 to 20	5 to 20
Repeatability mm	±0.01		
Lost motion mm	0.1 or less		
Static allowable moment N·m	MP:203 MY:203 MR:336		
Motor power supply voltage	24 VDC ±10%		
Motor section max. instantaneous currentA	4.0		
Brake	Model, power supply voltage	Non-excitation operation, 24 VDC ±10%	
	Power consumptionW	7.2	
	Holding force N	768	384
Insulation resistance	10 MΩ, 500 VDC		
Withstand voltage	500 VAC for 1 minute		
Operating ambient temperature, humidity	10 to 40 °C (no freezing) 35 to 80% RH (no condensation)		
Storage ambient temperature, humidity	-10 to 50°C (no freezing) 35 to 80% RH (no condensation)		
Atmosphere	No corrosive gas, explosive gas, or dust		

*1 Load capacity varies according to acceleration/deceleration and speed. Refer to page 105 for details.

*2 The maximum speed may decrease depending on the conditions.

Stroke and max. speed

Screw lead	(mm/s)
	Stroke
5	50 to 1100
10	100
20	200

Speed and load capacity

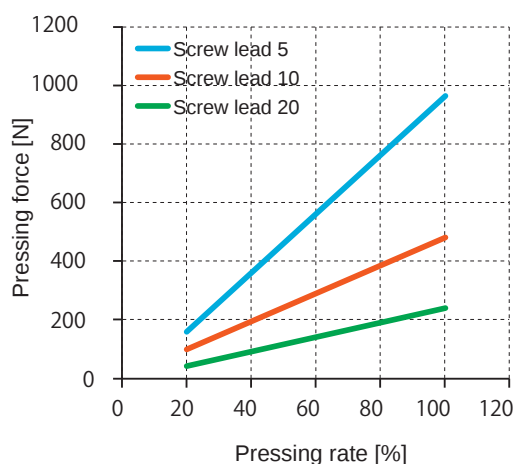
[When installed horizontally]

							(kg)
		Acceleration/deceleration (G)					
		0.3			0.7		
Speed (mm/s)	Screw lead (mm)						
	5	10	20	5	10	20	
6	80.0			80.0			
12	80.0	70.0		80.0	70.0		
25	80.0	70.0	30.0	80.0	70.0	26.7	
50	80.0	70.0	30.0	80.0	70.0	26.7	
75	68.3	70.0	30.0	68.3	70.0	26.7	
100	40.0	70.0	30.0	40.0	70.0	26.7	
150		70.0	30.0		30.0	18.3	
200		28.3	30.0		17.5	18.3	
300			6.7			6.7	
320			6.0			6.0	

[When installed vertically]

Speed (mm/s)	(kg)		
	Acceleration/deceleration (G)		
	0.3		
	Screw lead (mm)		
	5	10	20
6	33.3		
12	33.3	18.3	
25	33.3	18.3	3.3
50	25.0	18.3	3.3
75	15.0	12.5	3.3
100	12.5	12.5	3.3
150		8.3	3.3
160		7.0	3.3
200			3.3
280			3.3

Pressing force



*The above pressing force is a reference value. Variation may occur according to conditions such as pressing speed.

Dimensions

Refer to pages 32 to 34.

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