

Series variation												
Type	Model No.		Applicable motor size	Body width (mm)	Screw lead (mm)	Max. load capacity (kg) *2						
						Horizontal *1	Vertical	50 mm	100	150		
Slider		EBS-04L*-06	☐ 42	44	6	20	5					
		EBS-04L*-12			12	12	2					
		EBS-05L*-02	☐ 42	54	2	30	10					
		EBS-05L*-05			5	30	10					
		EBS-05L*-10			10	15	5					
		EBS-05L*-20			20	10	2.5					
		EBS-08L*-05	☐ 56 ☐ 60	82	5	50	15					
		EBS-08L*-10			10	30	8					
		EBS-08L*-20			20	12	2.5					

How to order

Slider

EBS - 05 L E - 02 0300 N NN - A A N N

A Body size

04	Body width 44 mm
05	Body width 54 mm
08	Body width 82 mm

B Motor

L	None
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C Motor mounting direction

E	Straight mounting
R	Right mounting
D	Bottom mounting
L	Left mounting

D Screw lead

02	2 mm
05	5 mm
06	6 mm
10	10 mm
12	12 mm
20	20 mm

E Stroke length

0050	50 mm
to	(In 50 mm increments)
1100	1100 mm

F Brake

N	None
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G Mounted motor specification

A	
B	Refer to the list on the page at right
C	

H Motor size

A	☐ 42
B	☐ 56
C	☐ 60

I Origin sensor

N	None
C	Yes

J Limit sensor

N	None
B	Yes

*This product is composed of an actuator (and motor mounting parts) only; there is no motor attached. The user must prepare, mount, and adjust the motor and driver.

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CKD

	Stroke length (mm) and max. speed (mm/s) *3																						Page
	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	
	300 mm/s							*4	1.7 sec														520
	600								0.89 sec														
	100									90	80	70	60		13.34 sec								
	250									225	200	175	150		5.35 sec								
	500									450	400	350	300		2.7 sec								
	1000									900	800	700	600		1.39 sec								
	250											225	200	175	150	125	100	75	50		22.01 sec		
	500											450	400	350	300	250	200	150	100		11.01 sec		
	1000											900	800	700	600	500	400	300	200		5.52 sec		

*1: The load capacity when wall mounted is the same as for horizontal installation.

*2: The rated thrust and max. load capacity values are the allowable values for the actuator body; the actual thrust and load capacity are limited by the motor used.

*3: The max. speed is the speed when the motor mounted by the customer can output a rotation speed of 3000 rpm.

The max. speed is restricted by the stroke. Do not move at speeds beyond the limit.

*4: ⌚ shows the positioning time. Maximum stroke when installed horizontally and operated at max. speed and max. acceleration/deceleration. Note that this is not the value at maximum load capacity.

List of stepper motors recommended for mounting

Code	Manufacturer	Series	□42	□56	□60
A	Oriental Motor Co., Ltd.	AZ	AZM46□0□	-	AZM66□0□ AZM69□0□
		AR	ARM46□0□	-	ARM66□0□ ARM69□0□
B	MinebeaMitsumi Inc.	A17PM/A23KM	A17PM□□□□CSTBCN	A23KM□□□□CSTBCN	-
B	Dyadic Systems Co., Ltd.	RMJ	RMJ0411	-	-
C		RMJ	-	RMJ0611/RMJ1211	-