




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		
Rod with built-in guide		EBR-04L*-06	<input type="checkbox"/> 42	44	6	20	5	300 mm/s				
		EBR-04L*-12			12	12	2	600				
		EBR-05L*-02	<input type="checkbox"/> 42	54	2	30	10	100 mm/s				
		EBR-05L*-05			5	30	10	250				
		EBR-05L*-10			10	15	5	500				
		EBR-05L*-20			20	10	2.5	1000				
		EBR-08L*-05	<input type="checkbox"/> 56 <input type="checkbox"/> 60	82	5	50	15	250				
		EBR-08L*-10			10	30	8	500				
		EBR-08L*-20			20	12	2.5	1000				

How to order												
Rod with built-in guide												
EBR - 05 L E - 00 - 02 0050 N NN - A A N N												
A B C D E F G H I J												
A Body size		D Screw lead		F Brake		G Mounted motor specification		I Limit sensor				
04 Body width 44 mm		02 2 mm		N None				N None				
05 Body width 54 mm		05 5 mm						B Yes				
08 Body width 82 mm		06 6 mm										
		10 10 mm										
		12 12 mm										
B Motor												
L None												
C Motor mounting direction		E Stroke length		H Motor size				I Origin sensor				
E Straight mounting		0050 50 mm		A <input type="checkbox"/> 42				N None				
R Right mounting		to (In 50 mm increments)		B <input type="checkbox"/> 56				C Yes				
D Bottom mounting				C <input type="checkbox"/> 60								
L Left mounting		0700 700 mm										

Servo motor compatible

Stepper motor compatible

Safety precautions

EBS

EBR

ETS

ECS

ETV

ECV

EKS

ECS

EBR

ETS

ECS

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How to order

Rod with built-in guide

EBR		- 05		L	E	- 00		- 02		0050		N	NN		- A		A	N	N
A		B		C		D		E		F		G		H		I		J	
A Body size						D Screw lead				F Brake								I Limit sensor	
04 Body width 44 mm						02 2 mm				N None								N None	
05 Body width 54 mm						05 5 mm												B Yes	
08 Body width 82 mm						06 6 mm													
						10 10 mm													
						12 12 mm													
												</							

*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.

	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		
						^{*4}  1.63 sec															554
						 0.84 sec															
						 4.71 sec															560
						 2.02 sec															
						 1.04 sec															
						 0.56 sec															
																					566

*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	-