



Electric actuator (motorless) Rod with built-in guide

EBR-04LE

Straight motor mounting

● Stepper motor size: ☐42

RoHS

How to order

EBR - 04 L E - 00 - 06 0050 N NN - A A N N

A Body size
04 Body width 44 mm

B Motor
L None

C Motor mounting direction
E Straight mounting

D Screw lead
06 6 mm
12 12 mm

E Stroke length
0050 50 mm
to 0400 (In 50 mm increments) 400 mm

F Brake
N None

G Mounted motor specification
A Select the mounted motor specification from the table at right.
B

H Motor size
A ☐42

I Origin sensor *1
N None
C Yes

J Limit sensor *1
N None
B Yes

Manufacturer		☐ 42
Oriental Motor Co., Ltd.		A
MinebeaMitsumi Inc.		B
Dyadic Systems Co., Ltd.		B

*1 Refer to page 553 for the motor model No.

*1 Origin sensor and limit sensor are a set. As it is both-or-nothing, select "None" for both.

Specifications

Applicable motor sizes	☐ 42 Stepper motor	
Drive method	Ball screw ϕ 10	
Stroke length mm	50 to 400	
Screw lead mm	6	12
Max. load capacity kg	Horizontal	20
*1	Vertical	5
Max. speed mm/s	300	600
Rated thrust *1 N	141	71
Repeatability mm	± 0.01	
Lost motion mm	0.1 or less	
Drive system weight kg	0.6	
Other inertia kg·cm ²	0.045	
Coefficient of friction	0.03	
Mechanical efficiency	0.8	
Sliding resistance N	6	
Ball screw length	Stroke + 200	
Operating ambient temperature, humidity	0 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	

*Reference value. The output is limited by the motor used. Select a model suited to the customer's motor.

*Refer to page 574 for the allowable applied load for the overhang amount.

*1 Rated thrust and max. load capacity are guideline values assuming that the motor mounted will output the rated torque.

Stroke and max. speed

(mm/s)

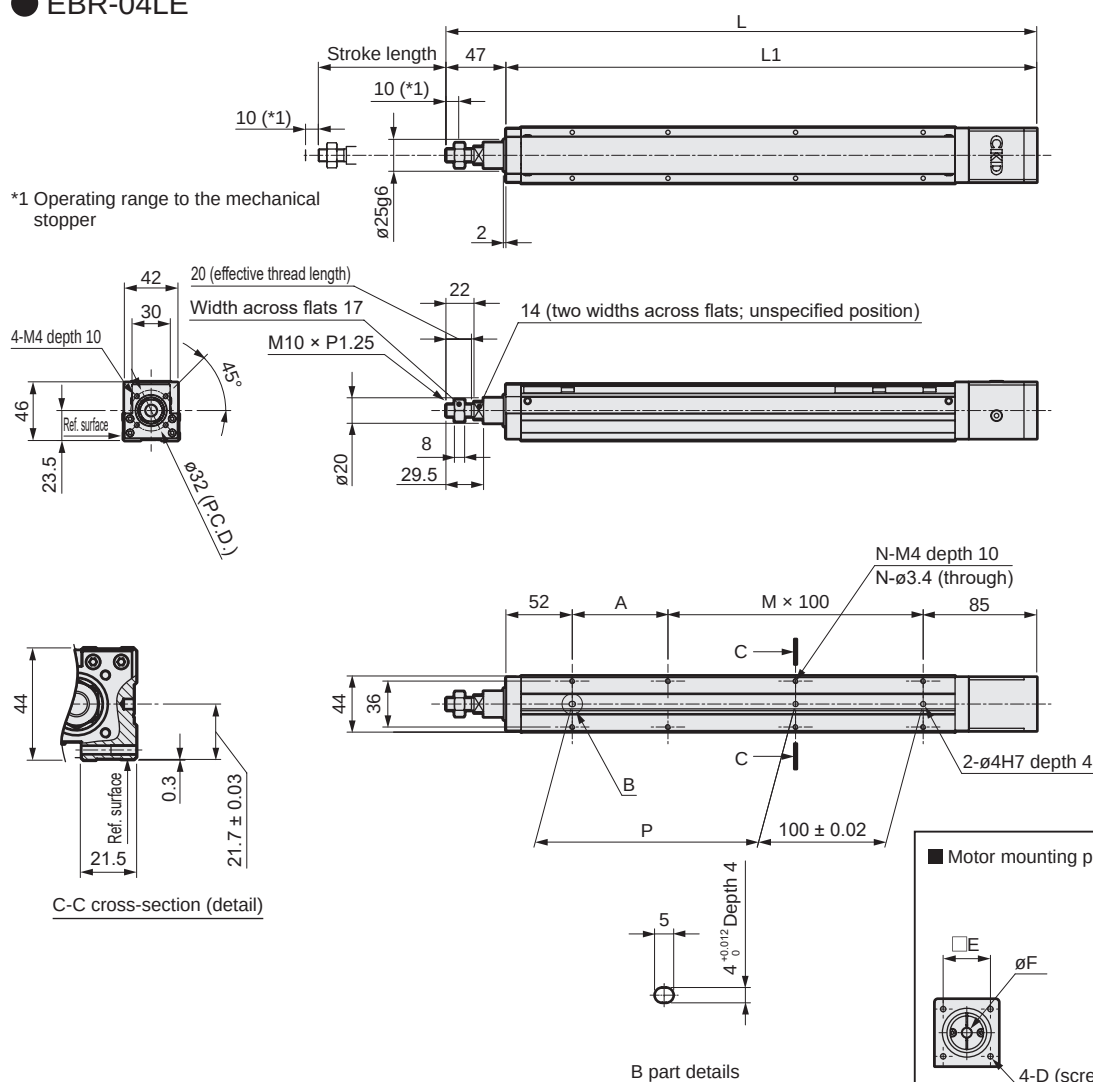
Stroke length	50 to 250	300	350	400
Screw lead				
6	300	250		
12	600	510		

*Max. speed is when the motor mounted by the customer can output rotation speed of 3000 rpm.

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

Dimensions Straight motor mounting

● EBR-04LE



*When the stroke is 50 mm, in some cases sensors must be attached on both sides.

Stroke code	0050	0100	0150	0200	0250	0300	0350	0400
Stroke length (mm)	50	100	150	200	250	300	350	400
L	309	359	409	459	509	559	609	659
L1	262	312	362	412	462	512	562	612
A	25	75	25	75	25	75	25	75
M	1	1	2	2	3	3	4	4
N	6	6	8	8	10	10	12	12
P	25	75	125	175	225	275	325	375
Weight (kg)	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2

■ Motor mounting part

Mounted motor specification	D	E	F	Motor mounting bolt
A	3.5	31	6	4-M3 × L12
B	3.5	31	5	4-M3 × L12

List of attachments

[Motor mounting parts]			
Mounted motor specification	Coupling	Motor mounting bolt	
		Size	Quantity
A	Assembled at shipment	M3	4
B		M3	4

[Origin sensor, limit sensor]

Sensor		
Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

*Refer to page 578 for sensor specifications.



Electric actuator (motorless) Rod with built-in guide

EBR-04L*

Motor side mounting (left, right, bottom)

● Stepper motor size: ☐42

RoHS

How to order

EBR - 04 L R - 00 - 06 0050 N NN - A A N N

A Body size
04 Body width 44 mm

B Motor
L None

C Motor mounting direction
R Right mounting
D Bottom mounting
L Left mounting

D Screw lead
06 6 mm
12 12 mm

E Stroke length
0050 50 mm
to (In 50 mm increments)
0400 400 mm

F Brake
N None

G Mounted motor specification
A Select the mounted motor specification from the table at right.
B

H Motor size
A ☐42

I Origin sensor *1
N None
C Yes

J Limit sensor *1
N None
B Yes

Manufacturer	☐ 42
Oriental Motor Co., Ltd.	A
MinebeaMitsumi Inc.	B
Dyadic Systems Co., Ltd.	B

*1 Origin sensor and limit sensor are a set. As it is both-or-nothing, select "None" for both.

Specifications

Applicable motor sizes	☐ 42 Stepper motor	
Drive method	Ball screw ø10	
Stroke length mm	50 to 400	
Screw lead mm	6	12
Max. load capacity kg	Horizontal	20
*1	Vertical	5
Max. speed mm/s	300	600
Rated thrust *1 N	141	71
Repeatability mm	±0.01	
Lost motion mm	0.1 or less	
Drive system weight kg	0.6	
Other inertia kg·cm ²	0.09	
Coefficient of friction	0.03	
Mechanical efficiency	0.8	
Sliding resistance N	6	
Ball screw length	Stroke + 200	
Operating ambient temperature, humidity	0 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	

*Reference value. The output is limited by the motor used. Select a model suited to the customer's motor.

*Refer to page 574 for the allowable applied load for the overhang amount.

*1 Rated thrust and max. load capacity are guideline values assuming that the motor mounted will output the rated torque.

Stroke and max. speed

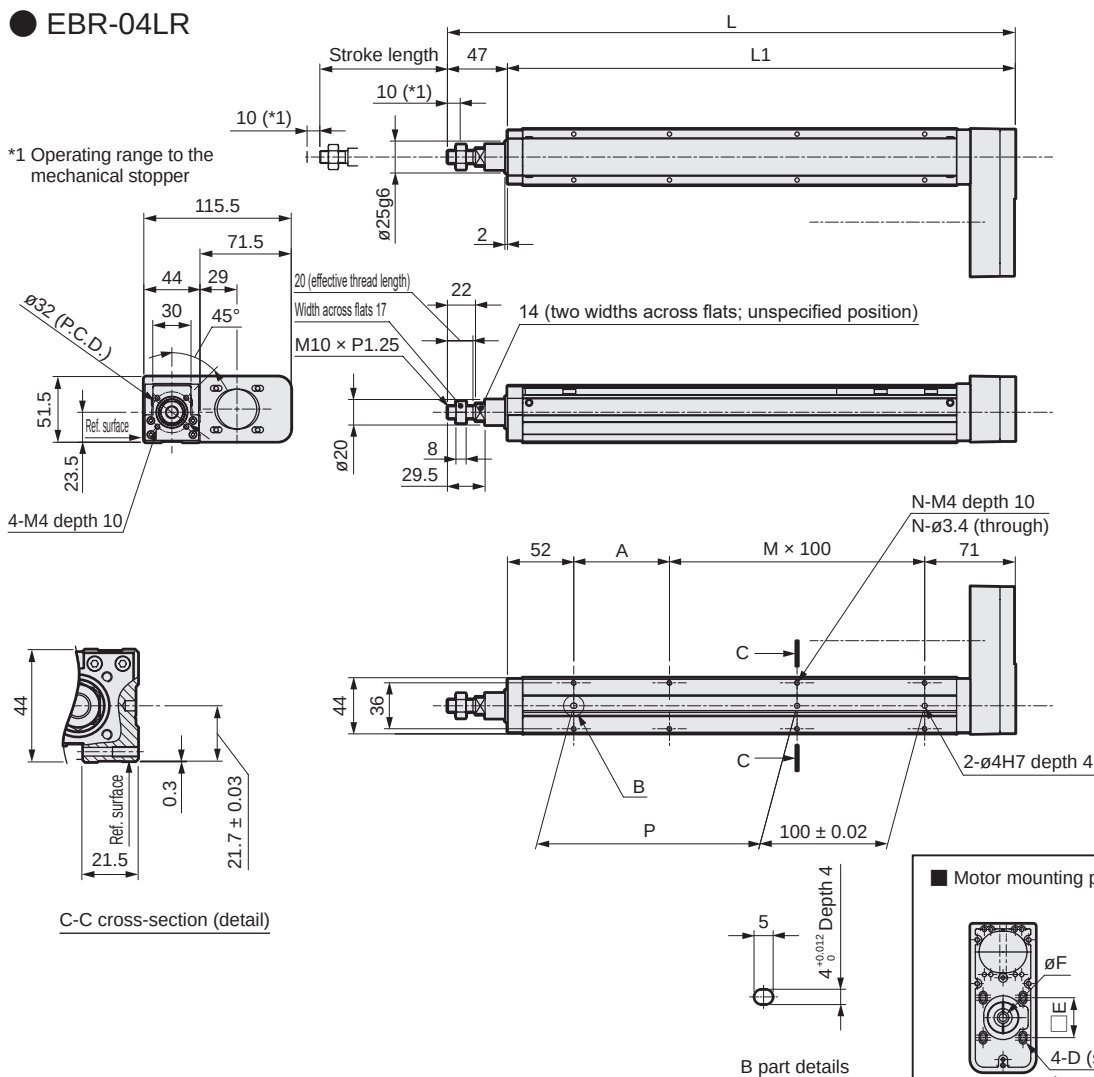
		(mm/s)			
Stroke length		50 to 250	300	350	400
Screw lead					
6		300		250	
12		600		510	

*Max. speed is when the motor mounted by the customer can output rotation speed of 3000 rpm.

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

Dimensions Motor right-side mounting

EBR-04LR



*When the stroke is 50 mm, in some cases sensors must be attached on both sides.

Stroke code	0050	0100	0150	0200	0250	0300	0350	0400
Stroke length (mm)	50	100	150	200	250	300	350	400
L	295	345	395	445	495	545	595	645
L1	248	298	348	398	448	498	548	598
A	25	75	25	75	25	75	25	75
M	1	1	2	2	3	3	4	4
N	6	6	8	8	10	10	12	12
P	25	75	125	175	225	275	325	375
Weight (kg)	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4

List of attachments

[Motor mounting parts]

Mounted motor specification	Timing belt, pulley	Motor mounting bolt	
		Size	Quantity
A	Included at shipment	M3	4
B		M3	4

[Origin sensor, limit sensor]

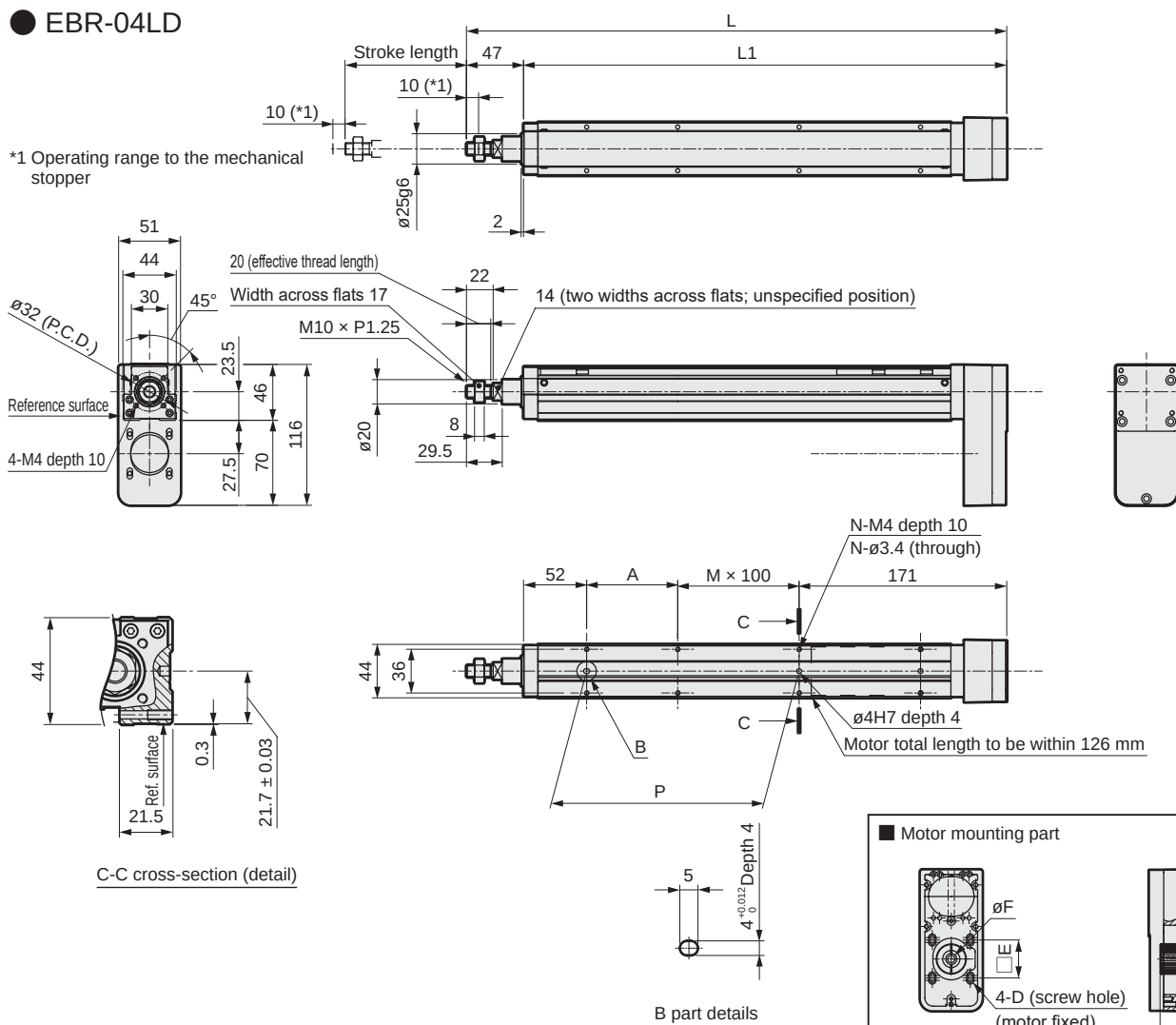
Sensor		
Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

*Refer to page 578 for sensor specifications.

EBR-04L*

Dimensions Motor bottom mounting

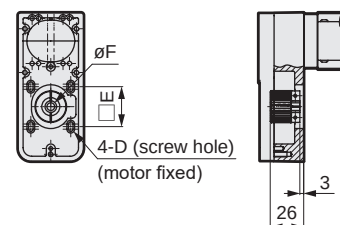
● EBR-04LD



*When the stroke is 50 mm, in some cases sensors must be attached on both sides.

Stroke code	0050	0100	0150	0200	0250	0300	0350	0400
Stroke length (mm)	50	100	150	200	250	300	350	400
L	295	345	395	445	495	545	595	645
L1	248	298	348	398	448	498	548	598
A	25	75	25	75	25	75	25	75
M	0	0	1	1	2	2	3	3
N	4	4	6	6	8	8	10	10
P	25	75	125	175	225	275	325	375
Weight (kg)	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4

■ Motor mounting part



Mounted motor specification	D	E	F	Motor mounting bolt
A	3.5	31	6	4-M3 × L12
B	3.5	31	5	4-M3 × L12

List of attachments

[Motor mounting parts]

Mounted motor specification	Timing belt, pulley	Motor mounting bolt	
		Size	Quantity
A	Included at shipment	M3	4
B		M3	4

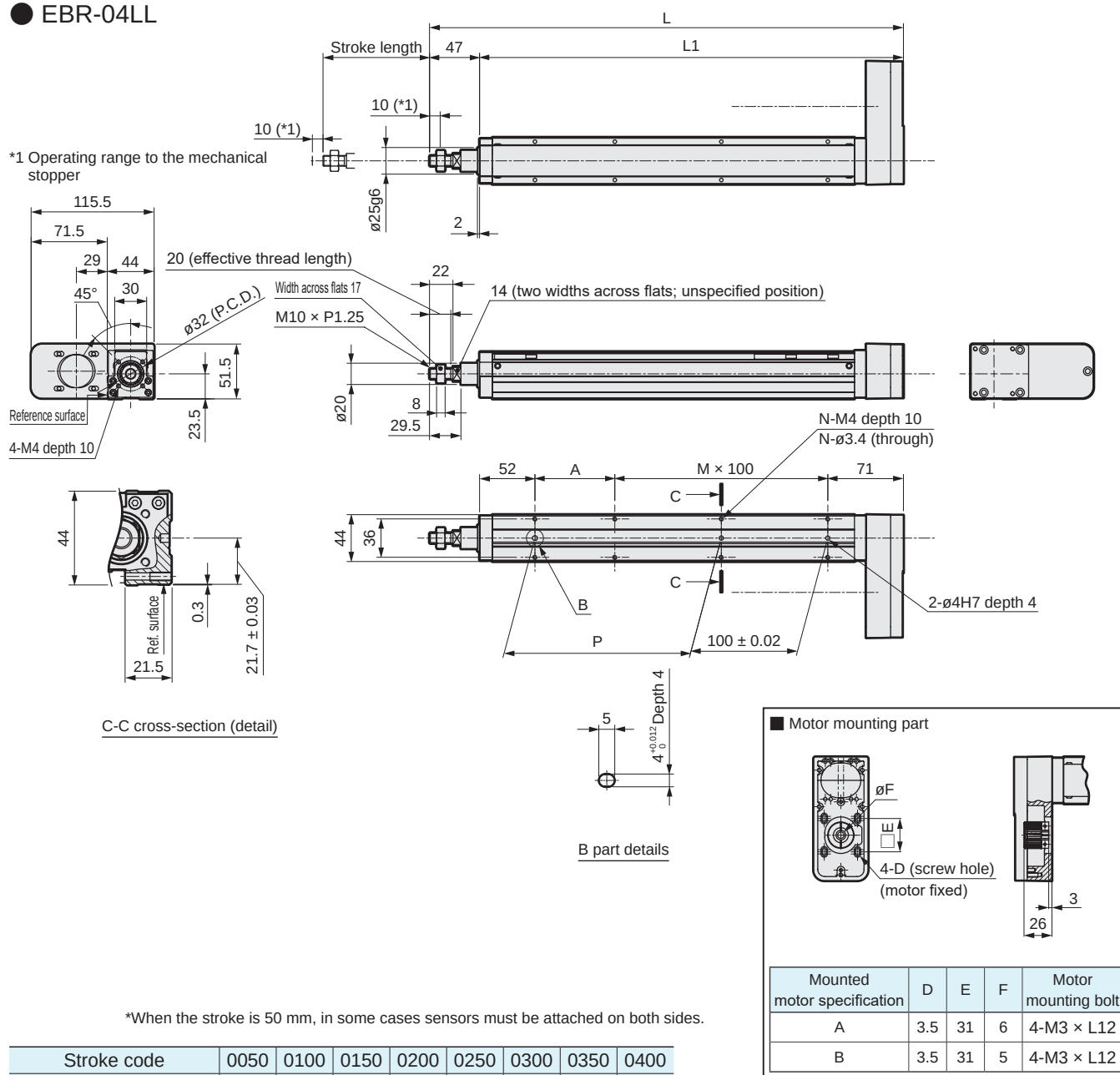
[Origin sensor, limit sensor]

Sensor		
Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

*Refer to page 578 for sensor specifications.

Dimensions Motor left-side mounting

● EBR-04LL



Stroke code	0050	0100	0150	0200	0250	0300	0350	0400
Stroke length (mm)	50	100	150	200	250	300	350	400
L	295	345	395	445	495	545	595	645
L1	248	298	348	398	448	498	548	598
A	25	75	25	75	25	75	25	75
M	1	1	2	2	3	3	4	4
N	6	6	8	8	10	10	12	12
P	25	75	125	175	225	275	325	375
Weight (kg)	1.3	1.5	1.6	1.8	1.9	2.1	2.2	2.4

List of attachments

[Motor mounting parts]

Mounted motor specification	Timing belt, pulley	Motor mounting bolt	
		Size	Quantity
A	Included at shipment	M3	4
B		M3	4

[Origin sensor, limit sensor]

Sensor		
Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

*Refer to page 578 for sensor specifications.



Electric actuator (motorless) Rod with built-in guide

EBR-05LE

Straight motor mounting

● Stepper motor size: ☐42

RoHS

How to order

EBR - 05 L E - 00 - 02 0050 N NN - A A N N

A Body size
05 Body width 54 mm

B Motor
L None

C Motor mounting method
E Straight mounting

D Screw lead
02 2 mm
05 5 mm
10 10 mm
20 20 mm

E Stroke length
0050 50 mm
to 0400 (In 50 mm increments) 400 mm

F Brake
N None

G Mounted motor specification
A Select the mounted motor specification from the table at right.
B

H Motor size
A ☐42

I Origin sensor *1
N None
C Yes

J Limit sensor *1
N None
B Yes

Manufacturer ☐ 42
Oriental Motor Co., Ltd. A
MinebeaMitsumi Inc. B
Dyadic Systems Co., Ltd. B

*Refer to page 553 for the motor model No.

*1 Origin sensor and limit sensor are available as a set. As it is both-or-nothing, select "None" for both.

Specifications

Applicable motor sizes	☐ 42 Stepper motor			
Drive method	Ball screw ø12			
Stroke length mm	50 to 400			
Screw lead mm	2	5	10	20
Max. load capacity kg	Horizontal	30	30	15
*1	Vertical	10	10	5
Max. speed mm/s	100	250	500	1000
Rated thrust *1 N	854	341	170	85
Repeatability mm	±0.01			
Lost motion mm	0.1 or less			
Drive system weight kg	0.9			
Other inertia kg·cm ²	0.09			
Coefficient of friction	0.03			
Mechanical efficiency	0.8			
Sliding resistance N	6			
Ball screw length	Stroke + 200			
Operating ambient temperature, humidity	0 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			

*Reference value. The output is limited by the motor used. Select a model suited to the customer's motor.

*Refer to page 574 for the allowable applied load for the overhang amount.

*1 Rated thrust and max. load capacity are guideline values assuming that the motor mounted will output the rated torque.

Stroke and max. speed

(mm/s)

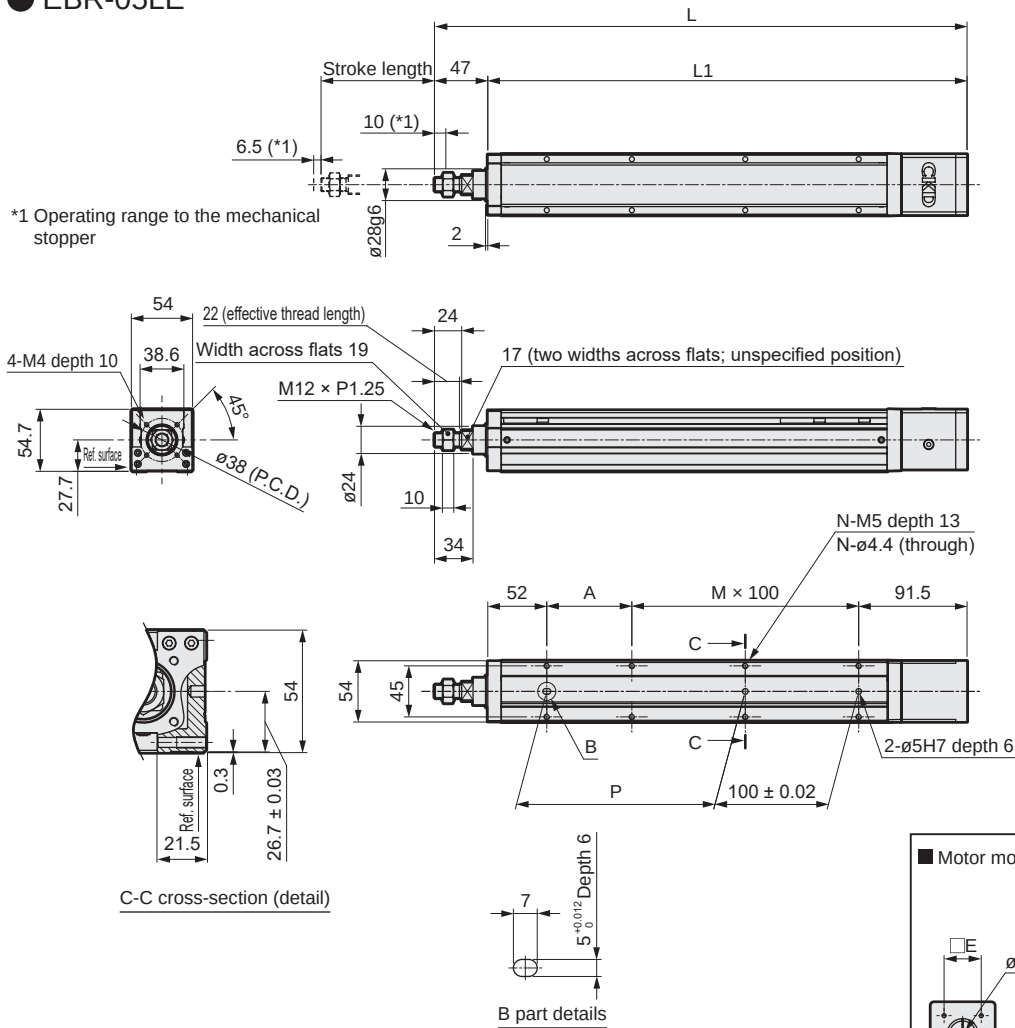
Stroke length Screw lead	50 to 250	300 to 400
2	100	85
5	250	200
10	500	400
20	1000	850

*Max. speed is when the motor mounted by the customer can output rotation speed of 3000 rpm.

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

Dimensions Straight motor mounting

EBR-05LE



*When the stroke is 50 mm, in some cases sensors must be attached on both sides.

Stroke code	0050	0100	0150	0200	0250	0300	0350	0400
Stroke length (mm)	50	100	150	200	250	300	350	400
L	315.5	365.5	415.5	495.5	515.5	565.5	615.5	665.5
L1	268.5	318.5	368.5	418.5	468.5	518.5	568.5	618.5
A	25	75	25	75	25	75	25	75
M	1	1	2	2	3	3	4	4
N	6	6	8	8	10	10	12	12
P	25	75	125	175	225	275	325	375
Weight (kg)	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.0

Mounted motor specification	D	E	F	Motor mounting bolt
A	3.5	31	6	4-M3 x L12
B	3.5	31	5	4-M3 x L12

List of attachments

[Motor mounting parts]

Mounted motor specification	Coupling	Motor mounting bolt	
		Size	Quantity
A	Assembled at shipment	M3	4
B		M3	4

[Origin sensor, limit sensor]

Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

*Refer to page 578 for sensor specifications.



Electric actuator (motorless) Rod with built-in guide

EBR-05L*

Motor side mounting (left, right, bottom)

● Stepper motor size: ☐42

RoHS

How to order

EBR - 05 L R - 00 - 02 0050 N NN - A A N N

A Body size
05 Body width 54 mm

B Motor
L None

C Motor mounting direction
R Right mounting
D Bottom mounting
L Left mounting

D Screw lead
02 2 mm
05 5 mm
10 10 mm
20 20 mm

E Stroke length
0050 50 mm
to (In 50 mm increments)
0400 400 mm

F Brake
N None

G Motor size
A ☐42

H Mounted motor specification
A Select the mounted motor specification from the table at right.
B

I Origin sensor *1
N None
C Yes

J Limit sensor *1
N None
B Yes

Manufacturer ☐ 42
Oriental Motor Co., Ltd. A
MinebeaMitsumi Inc. B
Dyadic Systems Co., Ltd. B

*Refer to page 553 for the motor model No.

*1 Origin sensor and limit sensor are available as a set. As it is both-or-nothing, select "None" for both.

Specifications

Applicable motor sizes	☐ 42 Stepper motor			
Drive method	Ball screw ø12			
Stroke length mm	50 to 400			
Screw lead	2	5	10	20
Max. load capacity kg	Horizontal	30	30	15
*1	Vertical	10	10	5
Max. speed mm/s	100	250	500	1000
Rated thrust *1 N	854	341	170	85
Repeatability mm	±0.01			
Lost motion mm	0.1 or less			
Drive system weight kg	0.9			
Other inertia kg·cm ²	0.09			
Coefficient of friction	0.03			
Mechanical efficiency	0.8			
Sliding resistance N	6			
Ball screw length	Stroke + 200			
Operating ambient temperature, humidity	0 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			

*Reference value. The output is limited by the motor used. Select a model suited to the customer's motor.

*Refer to page 574 for the allowable applied load for the overhang amount.

*1 Rated thrust and max. load capacity are guideline values assuming that the motor mounted will output the rated torque.

Stroke and max. speed

		(mm/s)			
Stroke length	Lead	50 to 250	300	350	400
2	100				
	250				
	500				
	1000				

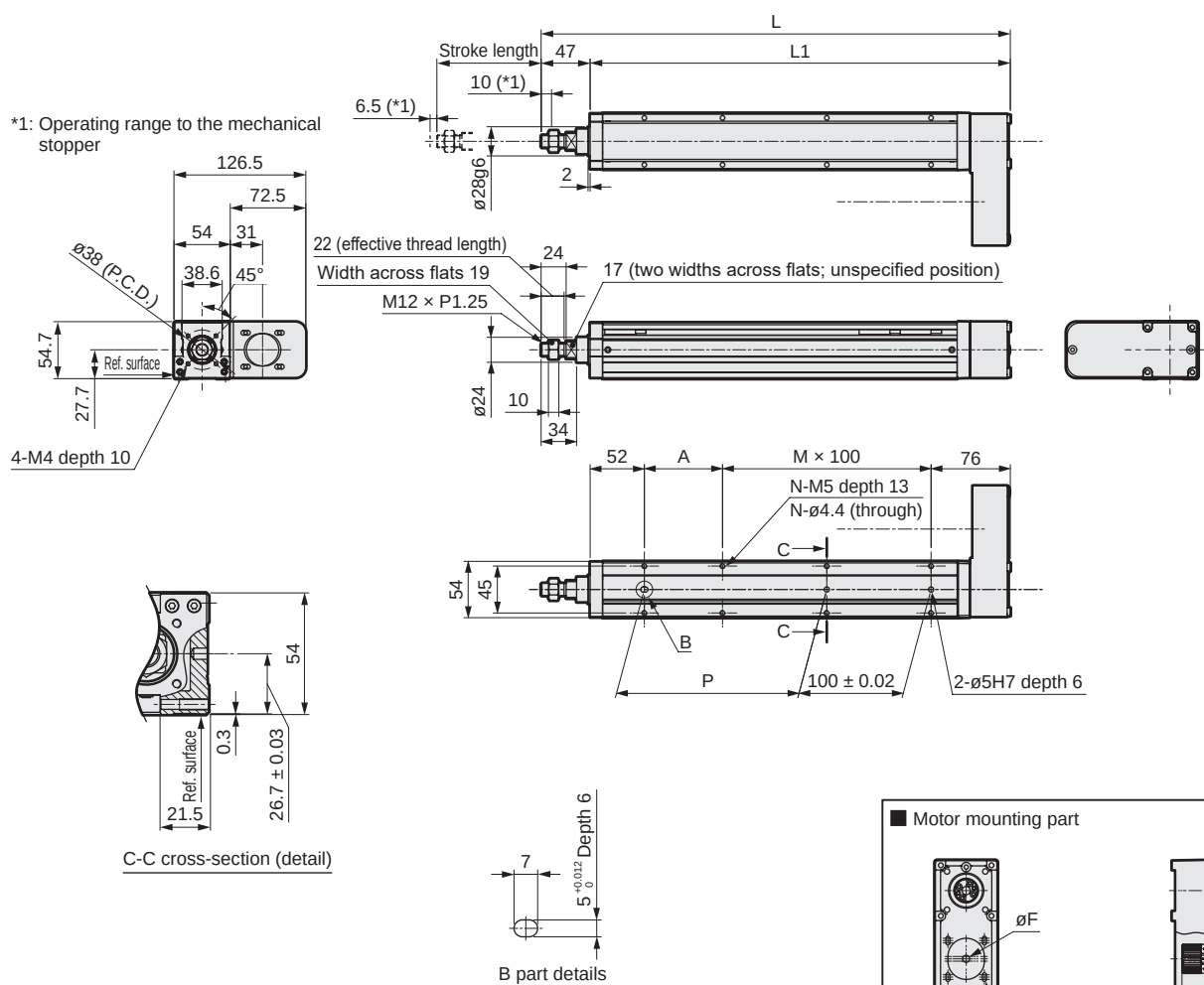
*Max. speed is when the motor mounted by the customer can output rotation speed of 3000 rpm.

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

Use Lead 2 at 0.5 G or less.

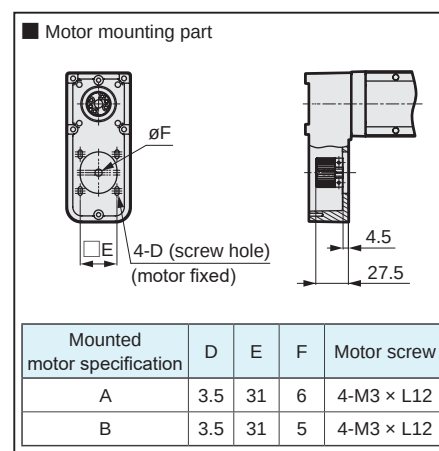
Dimensions Motor right-side mounting

● EBR-05LR



*When the stroke is 50 mm, in some cases sensors must be attached on both sides.

Stroke code	0050	0100	0150	0200	0250	0300	0350	0400
Stroke length (mm)	50	100	150	200	250	300	350	400
L	300	350	400	450	500	550	600	650
L1	253	303	353	403	453	503	553	603
A	25	75	25	75	25	75	25	75
M	1	1	2	2	3	3	4	4
N	6	6	8	8	10	10	12	12
P	25	75	125	175	225	275	325	375
Weight (kg)	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.2



List of attachments

[Motor mounting]

Mounted motor specification	Timing belt, pulley	Motor mounting bolt	
		Size	Included quantity
A	Included at shipment	M3	4
B		M3	4

[When origin/limit sensors are selected]

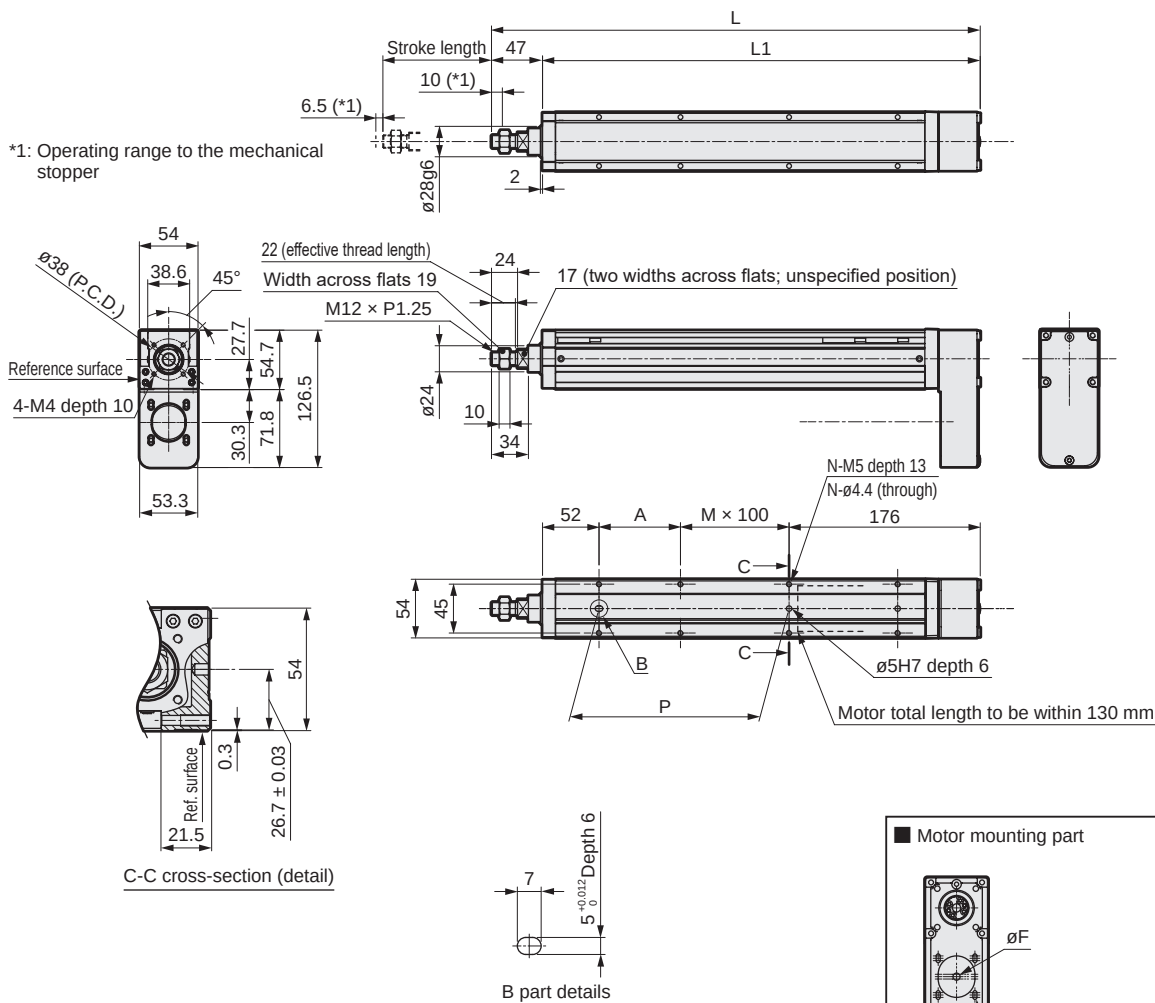
Sensor		
Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

*Refer to page 578 for sensor specifications.

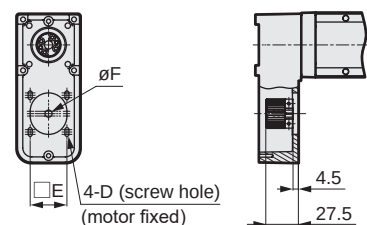
EBR-05L*

Dimensions Motor bottom mounting

● EBR-05LD



■ Motor mounting part



Mounted motor specification	D	E	F	Motor screw
A	3.5	31	6	4-M3 × L12
B	3.5	31	5	4-M3 × L12

*When the stroke is 50 mm, in some cases sensors must be attached on both sides.

Stroke code	0050	0100	0150	0200	0250	0300	0350	0400
Stroke length (mm)	50	100	150	200	250	300	350	400
L	300	350	400	450	500	550	600	650
L1	253	303	353	403	453	503	553	603
A	25	75	25	75	25	75	25	75
M	0	0	1	1	2	2	3	3
N	4	4	6	6	8	8	10	10
P	25	75	125	175	225	275	325	375
Weight (kg)	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.2

List of attachments

[Motor mounting]

Mounted motor specification	Timing belt, pulley	Motor mounting bolt	
		Size	Included quantity
A	Included at shipment	M3	4
B		M3	4

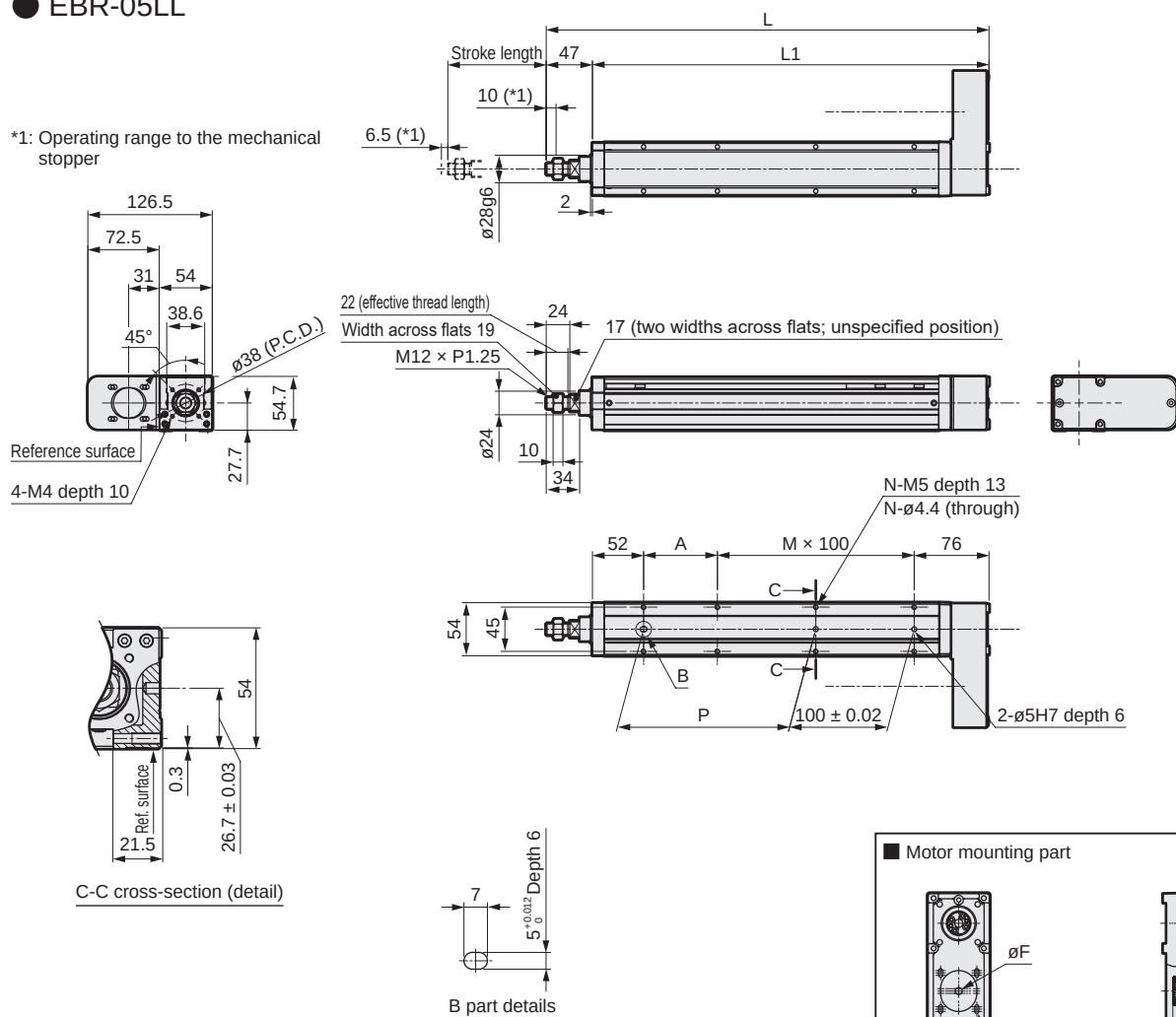
[When origin/limit sensors are selected]

Sensor		
Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

*Refer to page 578 for sensor specifications.

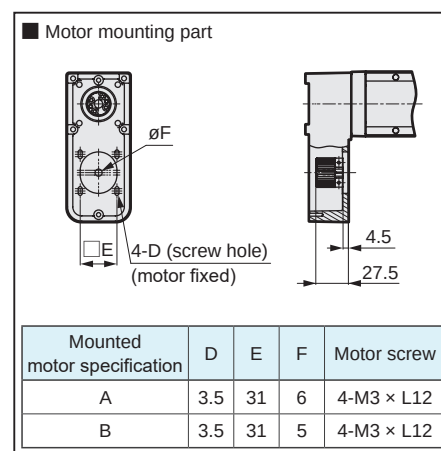
Dimensions Motor left-side mounting

EBR-05LL



*When the stroke is 50 mm, in some cases sensors must be attached on both sides.

Stroke code	0050	0100	0150	0200	0250	0300	0350	0400
Stroke length (mm)	50	100	150	200	250	300	350	400
L	300	350	400	450	500	550	600	650
L1	253	303	353	403	453	503	553	603
A	25	75	25	75	25	75	25	75
M	1	1	2	2	3	3	4	4
N	6	6	8	8	10	10	12	12
P	25	75	125	175	225	275	325	375
Weight (kg)	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.2



List of attachments

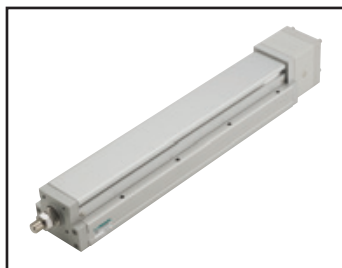
[Motor mounting]

Mounted motor specification	Timing belt, pulley	Motor mounting bolt	
		Size	Included quantity
A	Included at shipment	M3	4
B		M3	4

[When origin/limit sensors are selected]

Sensor		
Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

*Refer to page 578 for sensor specifications.



Electric actuator (motorless) Rod with built-in guide

EBR-08LE

Straight motor mounting

● Stepper motor size: ☐56, ☐60

RoHS

How to order

EBR - 08 L E - 00 - 05 0050 N NN - A B N N

A Body size
08 Body width 82 mm

B Motor
L None

C Motor mounting direction
E Straight mounting

D Stroke length
0050 50 mm
to 0700 (In 50 mm increments) 700 mm

E Stroke length
0050 50 mm
to 0700 (In 50 mm increments) 700 mm

F Brake
N None

G Motor size
B ☐56
C ☐60

H Motor size
B ☐56
C ☐60

I Limit sensor *1
N None
B Yes

J Limit sensor *1
N None
B Yes

K Origin sensor *1
N None
C Yes

L Screw lead
05 5 mm
10 10 mm
20 20 mm

M Mounted motor specification
A Select the mounted motor
B specification from the table
C at right.

Manufacturer	☐ 56	☐ 60
Oriental Motor Co., Ltd.	-	A
MinebeaMitsumi Inc.	B	-
Dyadic Systems Co., Ltd.	C	-

*1 Origin sensor and limit sensor are available as a set. As it is both-or-nothing, select "None" for both.

Specifications

Applicable motor sizes	☐ 56, ☐ 60 stepper motor		
Drive method	Ball screw ø16		
Stroke length mm	50 to 700		
Screw lead mm	5	10	20
Max. load capacity kg	Horizontal	50	30
*1	Vertical	15	8
Max. speed mm/s	250	500	1000
Rated thrust *1 N	683	341	174
Repeatability mm	±0.01		
Lost motion mm	0.1 or less		
Drive system weight kg	1.7		
Other inertia kg·cm ²	0.24		
Coefficient of friction	0.03		
Mechanical efficiency	0.8		
Sliding resistance N	20		
Ball screw length	Stroke + 200		
Operating ambient temperature, humidity	0 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		

*Reference value. The output is limited by the motor used. Select a model suited to the customer's motor.

*Refer to page 574 for the allowable applied load for the overhang amount.

*1 Rated thrust and max. load capacity are guideline values assuming that the motor mounted will output the rated torque.

Stroke and max. speed

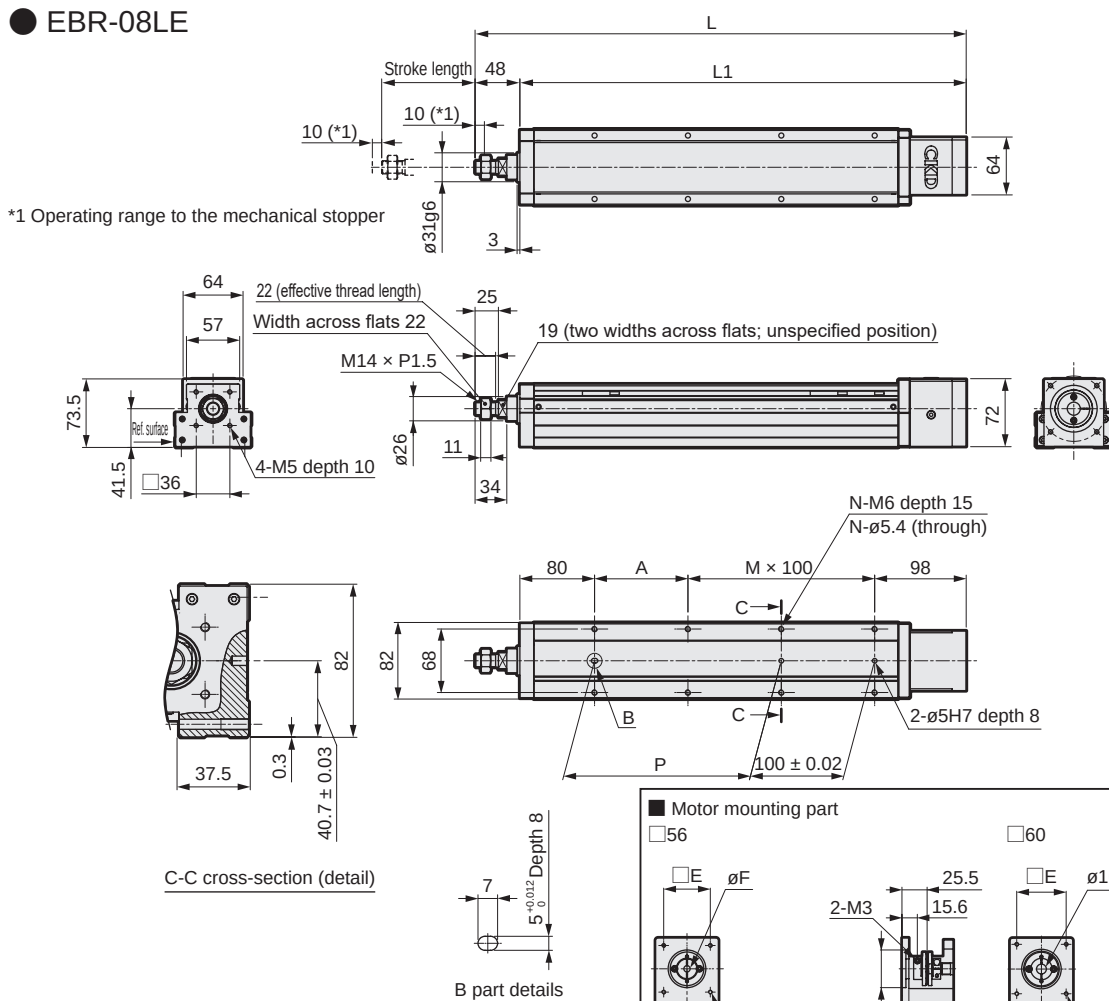
(mm/s)		
Stroke length	50 to 300	350 to 700
Screw lead		
5	250	200
10	500	400
20	1000	850

*Max. speed is when the motor mounted by the customer can output rotation speed of 3000 rpm.

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

Dimensions Straight motor mounting

● EBR-08LE



*When the stroke is 50 mm,,
in some cases sensors must be attached on both sides.

Stroke code	0050	0100	0150	0200	0250	0300	0350	0400	0450	0500	0550	0600	0650	0700
Stroke length (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650	700
L	376	426	476	526	576	626	676	726	776	826	876	926	976	1026
L1	328	378	428	478	528	578	628	678	728	778	828	878	928	978
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700
Weight (kg)	4.0	4.4	4.8	5.1	5.5	5.9	6.3	6.6	7.0	7.4	7.7	8.1	8.5	8.8

List of attachments

[Motor mounting parts]

Mounted motor specification	Coupling	Motor mounting bolt	
		Size	Quantity
A	Assembled at shipment	M4	4
B		M4	4
C		M4	4

[Origin sensor, limit sensor]

Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

*Refer to page 578 for sensor specifications.



Electric actuator (motorless) Rod with built-in guide

EBR-08L*

Motor side mounting (left, right, bottom)

● Stepper motor size: ☐56, ☐60

RoHS

How to order

EBR - 08 L R - 00 - 05 0050 N NN - A B N N

A Body size
08 Body width 82 mm

B Motor
L None

C Motor mounting direction
R Right mounting
D Bottom mounting
L Left mounting

D Screw lead
05 5 mm
10 10 mm
20 20 mm

E Stroke length
0050 50 mm
to (In 50 mm increments)
0700 700 mm

F Brake
N None

G Mounted motor specification
A Select the mounted motor specification from the table at right.
B
C

H Motor size
B ☐56
C ☐60

I Origin sensor *1
N None
C Yes

J Limit sensor *1
N None
B Yes

Manufacturer	☐ 56	☐ 60
Oriental Motor Co., Ltd.	-	A
MinebeaMitsumi Inc.	B	-
Dyadic Systems Co., Ltd.	C	-

*1 Origin sensor and limit sensor are available as a set. As it is both-or-nothing, select "None" for both.

Specifications

Applicable motor sizes	☐ 56, ☐ 60 stepper motor		
Drive method	Ball screw ϕ 16		
Stroke length mm	50 to 700		
Screw lead	5	10	20
Max. load capacity kg	Horizontal	50	30
	Vertical	15	8
Max. speed mm/s	250	500	1000
Rated thrust N	683	341	174
Repeatability mm	± 0.01		
Lost motion mm	0.1 or less		
Drive system weight kg	1.7		
Other inertia $\text{kg}\cdot\text{cm}^2$	0.52		
Coefficient of friction	0.03		
Mechanical efficiency	0.8		
Sliding resistance N	20		
Ball screw length	Stroke + 200		
Operating ambient temperature, humidity	0 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		

*Reference value. The output is limited by the motor used. Select a model suited to the customer's motor.

*Refer to page 574 for the allowable applied load for the overhang amount.

*1 Rated thrust and max. load capacity are guideline values assuming that the motor mounted will output the rated torque.

Stroke and max. speed

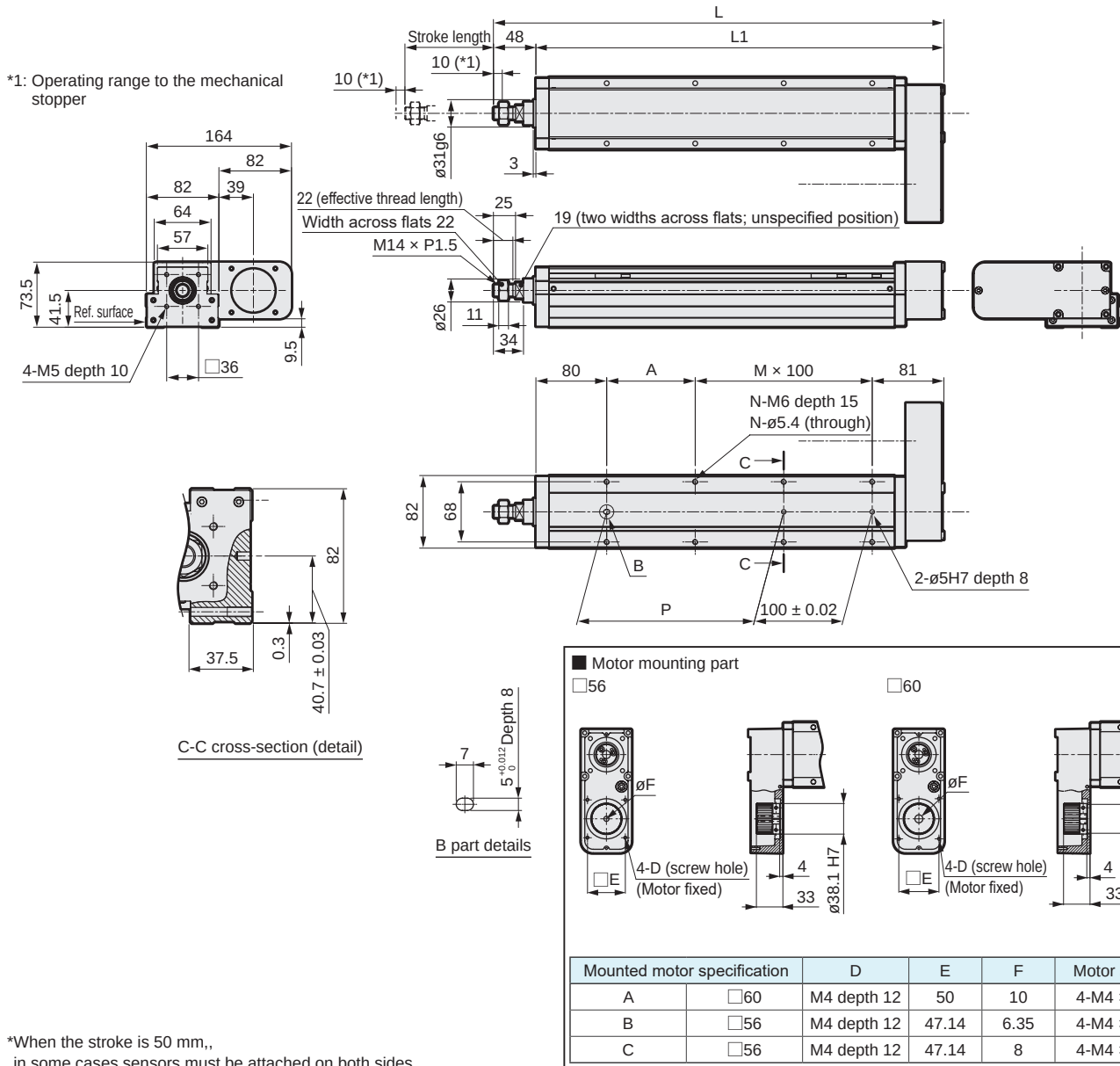
(mm/s)									
Stroke length Lead	50 to 300	350	400	450	500	550	600	650	700
5	250	200							
10	500	400							
20	1000	850							

*Max. speed is when the motor mounted by the customer can output rotation speed of 3000 rpm.

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

Dimensions Motor right-side mounting

● EBR-08LR



*When the stroke is 50 mm.,
in some cases sensors must be attached on both sides.

Stroke code	0050	0100	0150	0200	0250	0300	0350	0400	0450	0500	0550	0600	0650	0700
Stroke length (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650	700
L	359	409	459	509	559	609	659	709	759	809	859	909	959	1009
L1	311	361	411	461	511	561	611	661	711	761	811	861	911	961
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700
Weight (kg)	4.4	4.8	5.1	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.1	8.4	8.8	9.1

List of attachments

[Motor mounting]

Mounted motor specification	Timing belt, pulley	Motor mounting bolt	
		Size	Included quantity
A	Included at shipment	M4	4
B		M4	4
C		M4	4

[When origin/limit sensors are selected]

Sensor		
Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

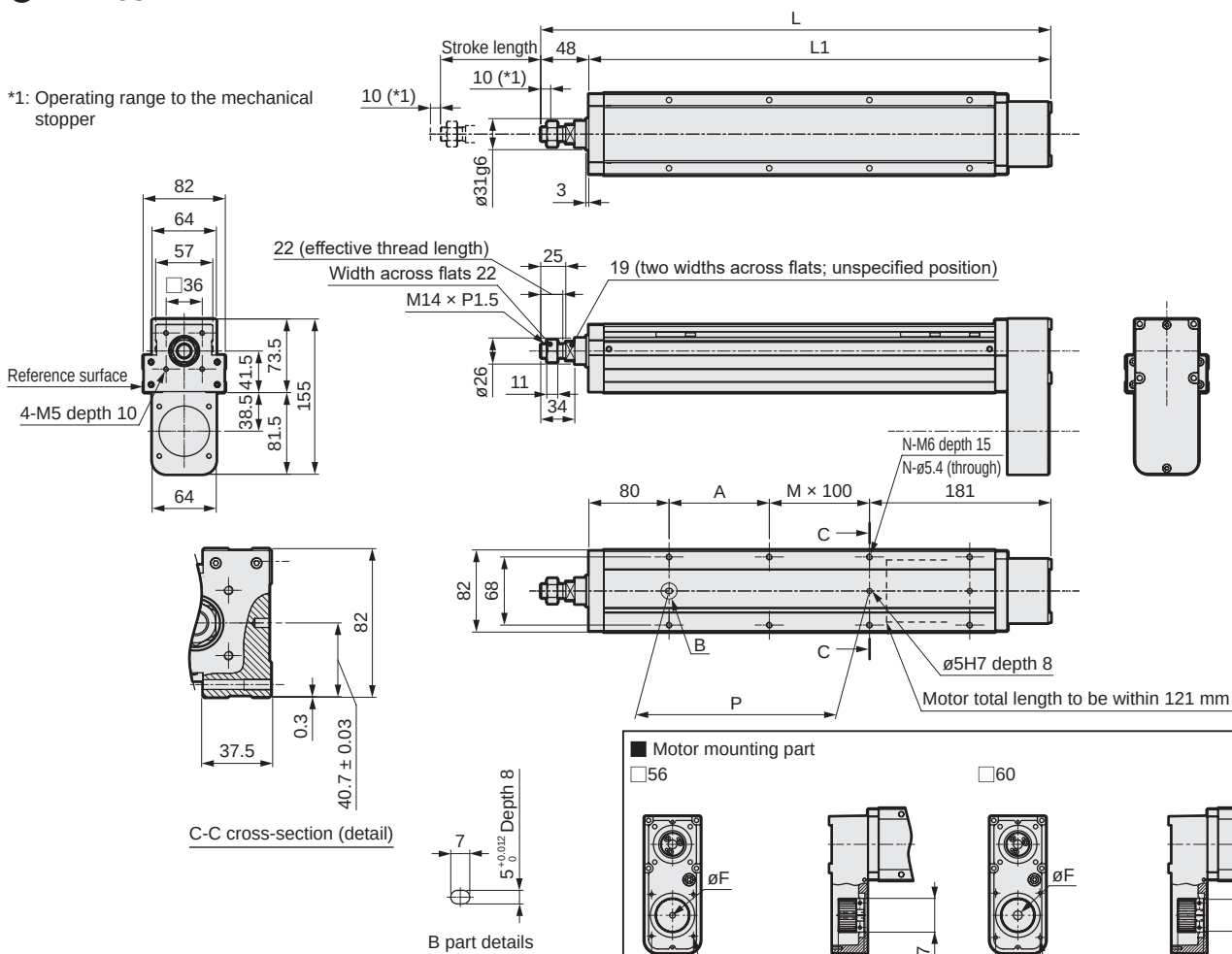
*Refer to page 578 for sensor specifications.

EBR-08L*

Dimensions Motor bottom mounting

● EBR-08LD

*1: Operating range to the mechanical stopper



*When the stroke is 50 mm,,
in some cases sensors must be attached on both sides.

Stroke code	0050	0100	0150	0200	0250	0300	0350	0400	0450	0500	0550	0600	0650	0700
Stroke length (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650	700
L	359	409	459	509	559	609	659	709	759	809	859	909	959	1009
L1	311	361	411	461	511	561	611	661	711	761	811	861	911	961
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	0	0	1	1	2	2	3	3	4	4	5	5	6	6
N	4	4	6	6	8	8	10	10	12	12	14	14	16	16
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700
Weight (kg)	4.4	4.8	5.1	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.1	8.4	8.8	9.1

List of attachments

[Motor mounting]			
Mounted motor specification	Timing belt, pulley	Motor mounting bolt	
		Size	Included quantity
A	Included at shipment	M4	4
B		M4	4
C		M4	4

[When origin/limit sensors are selected]

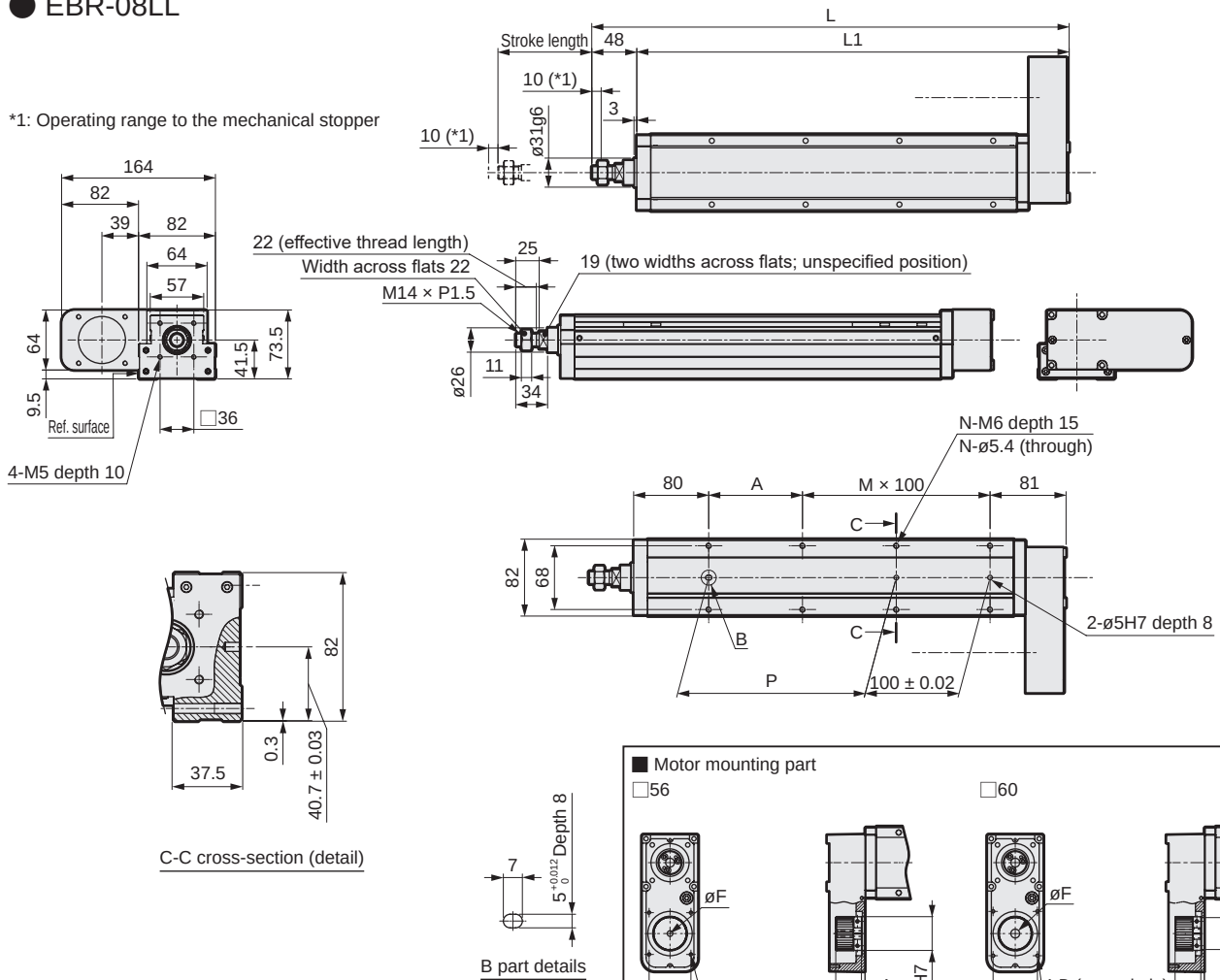
Sensor		
Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

*Refer to page 578 for sensor specifications.

Dimensions Motor left-side mounting

● EBR-08LL

*1: Operating range to the mechanical stopper



*When the stroke is 50 mm,,
in some cases sensors must be attached on both sides.

Stroke code	0050	0100	0150	0200	0250	0300	0350	0400	0450	0500	0550	0600	0650	0700
Stroke length (mm)	50	100	150	200	250	300	350	400	450	500	550	600	650	700
L	359	409	459	509	559	609	659	709	759	809	859	909	959	1009
L1	311	361	411	461	511	561	611	661	711	761	811	861	911	961
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700
Weight (kg)	4.4	4.8	5.1	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.1	8.4	8.8	9.1

List of attachments

[Motor mounting]

Mounted motor specification	Timing belt, pulley	Motor mounting bolt	
		Size	Included quantity
A	Included at shipment	M4	4
B		M4	4
C		M4	4

[When origin/limit sensors are selected]

Sensor		
Manufacturer	Model	Included quantity
KITA	KT-32N-2M	3

*Refer to page 578 for sensor specifications.