

Linear Electric Actuator

Series AELB

Cat :

Rod less Electric Actuator-Belt type 65mm

Features

- ❑ Compact Robust Design
- ❑ Highly flexible mounting
- ❑ More Precise & positioning
- ❑ Ease of positioning
- ❑ Ease of Maintenance

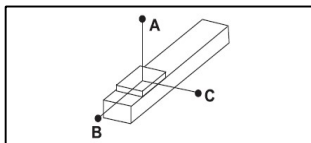


Technical Specifications

Repeatability (mm)		±0.04
Motor Power (AC Servo in W)		100
Lead (mm)		40
Maximum Speed (mm)/s		2000
Maximum Payload	Horizontal (Kg)	3
	Vertical (Kg)	-
Rated Thrust (N)		42
Stroke / Pitch (mm)		50-800 mm/50mm pitch
Belt width (mm)		12
High Rigidity Linear Guide (mm)		W42XH9.5
Home Sensor	Outside	EE-SX672 (NPN)

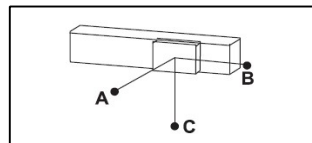
*Acceleration & deceleration value is set as 0.4 seconds

Allowable Moment



Unit:mm

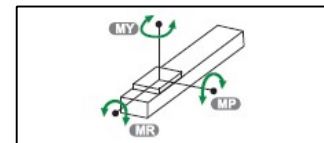
Horizontal Installation	A	B	C
2Kg	520	150	254
3Kg	340	97	165



Unit:mm

Wall Installation	A	B	C
2Kg	238	140	488
3Kg	155	91	319

Static loading moment



Unit:Nm

MY	70
MP	80
MR	75

Note:

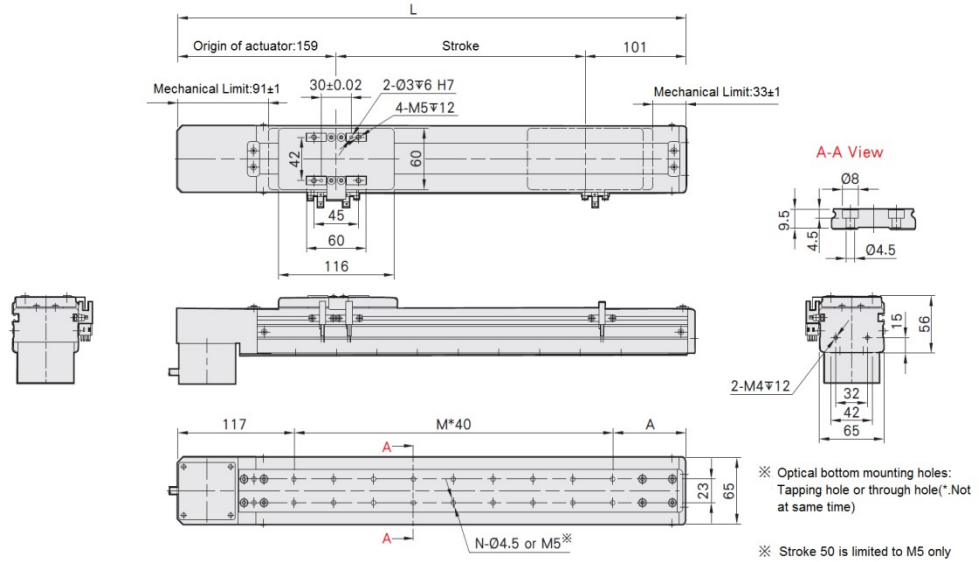
- The torque value in the chart indicates the center of gravity.
- Operation life is 5000Km when the product is using under the specified conditions.
- Data information is not for ceiling-mount inverse use. Contact us for the details if you want to apply ceiling- mount inverse usage

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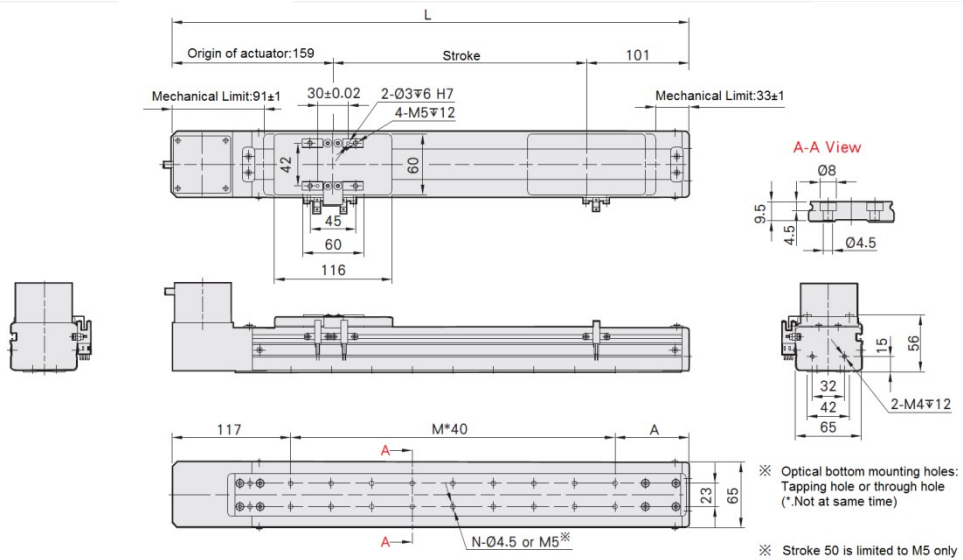
Cat :

Motor Bottom side-B



Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	310	360	410	460	510	560	610	660	710	760	810	860	910	960	1010	1060
A	73	83	93	63	73	83	93	63	73	83	93	63	73	83	93	63
M	3	4	5	7	8	9	10	12	13	14	15	17	18	19	20	22
N	8	10	12	16	18	20	22	26	28	30	32	36	38	40	42	46
Weight (Kg)*	2.5	2.5	2.6	2.8	3	3.3	3.4	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.8	4.9

Motor Top side-T



Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	310	360	410	460	510	560	610	660	710	760	810	860	910	960	1010	1060
A	73	83	93	63	73	83	93	63	73	83	93	63	73	83	93	63
M	3	40.	5	7	8	9	10	12	13	14	15	17	18	19	20	22
N	8	10	12	16	18	20	22	26	28	30	32	36	38	40	42	46
Weight (Kg)*	2.5	2.5	2.6	2.8	3	3.3	3.4	3.5	3.7	3.9	4.1	4.2	4.4	4.6	4.8	4.9

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How to order

AELB065

Lead		Stroke		Motor Position		Motor Specification		Motor Power	
40	40mm	0050-0800mm		T	Top Side	AC Servo		AC Servo	
				B	Bottom Side	D	Delta	B	100W
						Y	Yaskawa		
						M	Mitsubishi		
						P	Panasonic		
						V	INVT		
						T	Others		

Brake		Gear Specification		Motor & Encoder Cable		I/O Cable		Customization Order no	
Nil	Without Brake	Nil	Without Gear Box	1	1m	N	Without Cable	X	Special Requirements
B	With Brake			3	3m	1	1m		
				5	5m	A	1.5m		
				T	10m	2	2m		

Example :

Ordering no. for Rodless electric actuator-Belt type 65mm size,40mm belt lead,150 mm stroke with Delta 100W servo motor mounted at the bottom side, with 3m Motor cable,1.5m I/O cable.

AELB065400150B-DB-3A