GETB6
Single Axis
Belt Driven

Maximum Stroke 800 mm | Maximum Speed 333 mm/s | Motor Output □57 | Belt Width 12 mm | Linear Guide 42X9.5-1Pc

Ordering Method

GETB6 - X 40 - 100 - BM - 57 M - C 4 - M5 - 0001

Model | Special Order No.

Belt Type

X	Rubber Belt

Lead

Stroke

100-800 mm 50 mm Pitch

Motor Position

BW	Motor on Top
BM	Motor at Bottom

Motor Brand

Tamagawa	TS3617N3E8
Oriental motor	PK245-01A
Sanyo denki	103H5209-0440

Home Sensor

External	
C	Motor Side
D	Opposite Motor Side
Without Sensor	
E	Without Sensor

Limit Sensor

External	
3	1 Pc
4	2 Pc
Without Sensor	
5	Without Sensor

Installation Hole

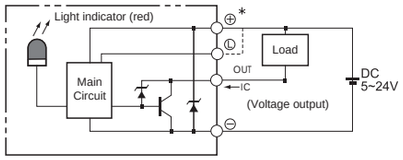
Install on Bottom	M5
Install on Internal	-

Motorized X-Axis ▶ Belt Driven ▶ Linear Drive
GETB6
GMT GLOBAL INC.
GETB Specifications Introduction

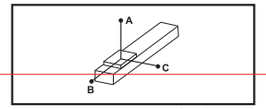
Specifications

Performance	Repeatability (mm)		±0.04
	Lead (mm)		40
	Maximum Speed (mm / s)		333
	Maximum Load	Horizontal (kg)	15
		Vertical (kg)	
	Rated Thrust (N)		51
	Stroke / Pitch (mm)		100-800 mm / 50 mm Pitch
Parts	Belt Width (mm)		12
	High Rigidity Linear Guide (mm)		42X9.5
	Home Sensor	External	EE-SX672 (NPN)

Sensor Circuit Diagram

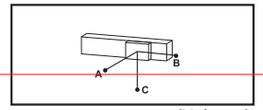


Allowable Overhang (N.m)



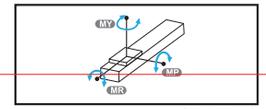
(Unit:mm)

Horizontal Installation	A	B	C
5 kg	450	63	200
15 kg	216	24	77



(Unit:mm)

Wall Installation	A	B	C
5 kg	150	45	340
15 kg	43	0	130



(Unit:N.m)

Static Loading Moment	
MY	93
MP	93
MR	257

Stepping Motor Options

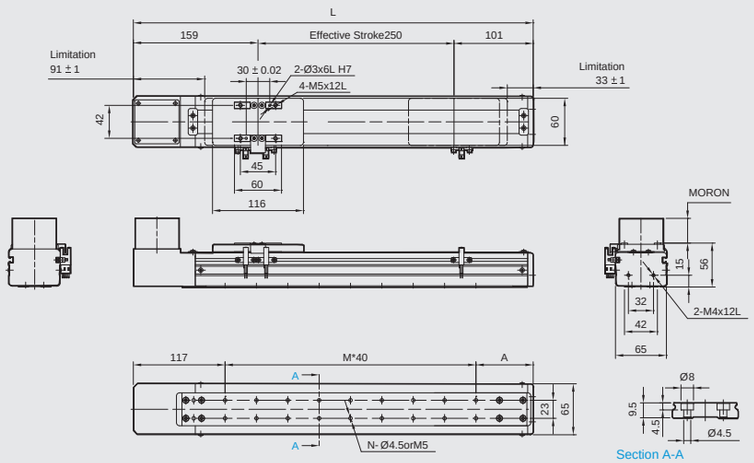
Brand	AC-Voltage	Stepping Motor Model	Driver Model
Tamagawa	DC24V	2-phase-TS3653N1E2	CD-2D34M Resolution 200/400/800/1600
Oriental motor	DC24V	2-phase-PK264-02A	CMD2120P Resolution 200/400/800/1600/3200
Sanyo Denki	DC24V	2-phase-103H7121-0140	US1D200P10 Resolution 200/400/800/1600/3200

GETB6
Single Axis
Motor on Top / Motor at Bottom

BW Motor on Top

2D CAD 3D CAD • CAD Download : www.gmtlinear.com •

(Unit:mm)

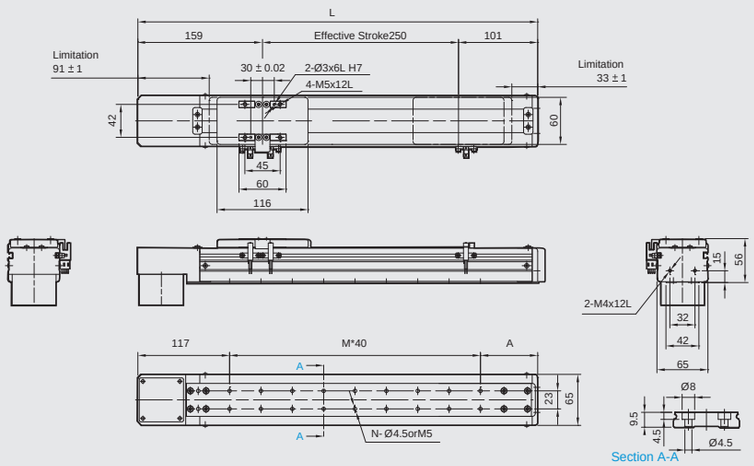


Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	360	410	460	510	560	610	660	710	760	810	860	910	960	1010	1060
A	83	93	63	73	83	93	63	73	83	93	63	73	83	93	63
M	4	5	7	8	9	10	12	13	14	15	17	18	19	20	22
N	10	12	16	18	20	22	26	28	30	32	36	38	40	42	46
KG	2.5	2.6	2.8	3	3.3	3.4	3.5	3.7	3.9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

BM Motor at Bottom

2D CAD 3D CAD • CAD Download : www.gmtlinear.com •

(Unit:mm)



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