

RMA Rod (Standard) Type



RCP-RMA

Encoder Type

A: Absolute
I: Incremental

Speed Type

L: Low Speed Type
M: Medium Type
H: High Speed Type

Stroke

50~300

Options

B: With Brake
(see diagram below)

Cable Length

P: 1m S: 3m M: 5m
X □ □ : Length Custom
R □ □ : Robot Cable

Stroke	50 ~ 300mm
Motor	AC Servo Motor (Encoder Single Unit)
Base	Extruded Aluminum
Rod Diameter	φ 40mm
Rod Tip Screw Diameter	M18 Pitch 1.5
Maximum Push Power N (kgf)	L:784 (80) M:360 (36.7) H:182 (18.6)
Repeatability	±0.02mm
Attachment	M6 Square Head Nut (4 pieces) + M18 Hegagonal Nut (1 piece)

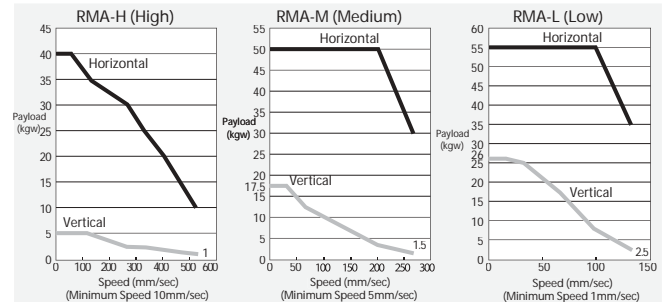
Note: No side loading is recommended for non-guided rod type actuators.

*1: The maximum push power is the maximum sustain power during stop of the push movement.

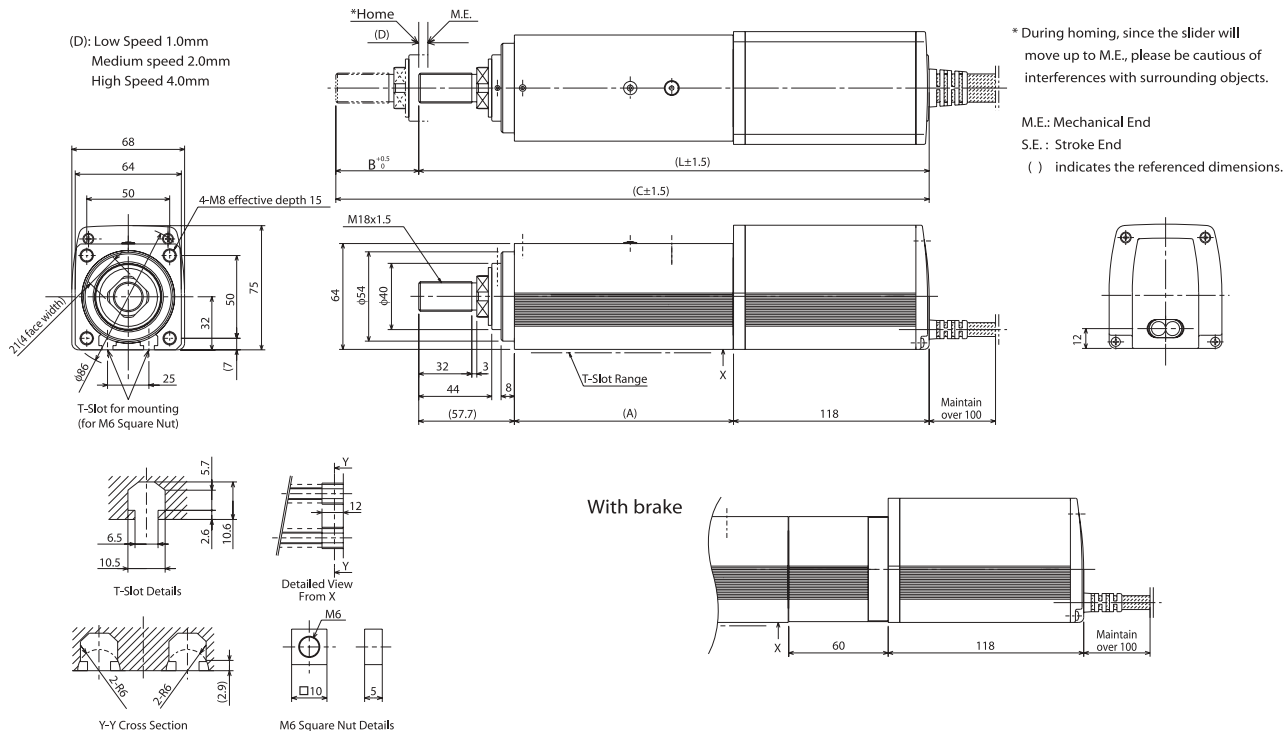
* Due to its structure, home reversed specification is not available for the Rod Type.



Speed Vs. Payload Diagram (when acc. is 0.2G) * For horizontal, in case with guide



Dimensions



Stroke	50	100	150	200	250	300
Weight (kgw)	3.5	4.2	5.0	5.7	6.4	7.1
L	308	358	408	458	508	558
A	132.3	182.3	232.3	282.3	332.3	382.3
B	50	100	150	200	250	300
C	358	458	558	658	758	858

With brake

Stroke	50	100	150	200	250	300
Weight (kgw)	4.3	5.0	5.8	6.5	7.2	7.9
L	368	418	468	518	568	618
A	132.3	182.3	232.3	282.3	332.3	382.3
B	50	100	150	200	250	300
C	418	518	618	718	818	918