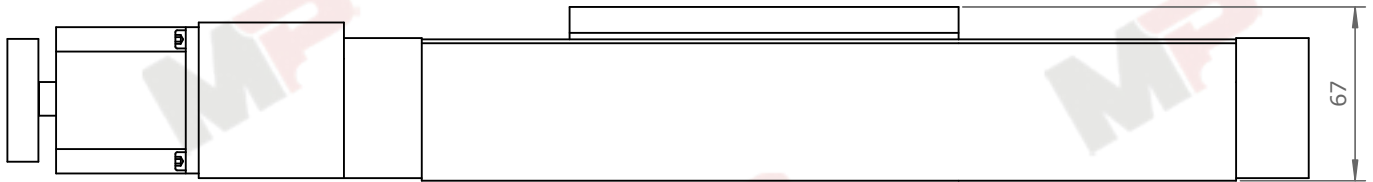


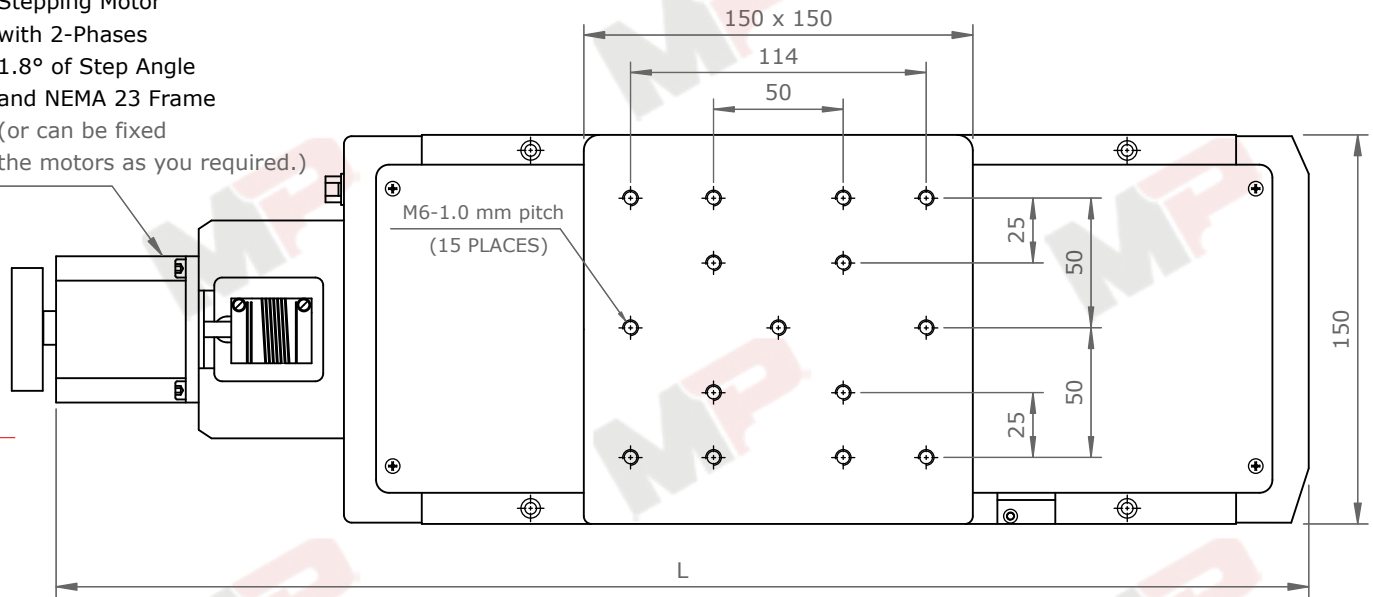
High-Performance Long-Travel Motorized Linear Stages

Travels up to 600 mm

MT150X-(50-600)H Series



Stepping Motor with 2-Phases
1.8° of Step Angle and NEMA 23 Frame
(or can be fixed the motors as you required.)



Key Features

- Travel range up to 600 mm in standard models
- U-type of base material for a rigid and stable performance
- Multiple stages can be stacked in XY, XZ or XYZ system
- Precise recirculation ball slide guides provide high-performance and high-loading
- Motors can be changed into Servo Motors or YOUR motors.
- Contact us for a longer-travels or loads up to 50 kgs

Model	L
MT150X-50H	383 mm
MT150X-100H	433 mm
MT150X-150H	483 mm
MT150X-200H	533 mm
MT150X-300H	633 mm
MT150X-400H	733 mm
MT150X-500H	833 mm
MT150X-600H	933 mm

Motorized Linear Stage	
Travel Range	from 50 to 600 mm
Platform	150 mm x 150 mm
Max. Load	50 kg (Horizontal)
Drive Mechanism	Ball Screw w/ 5mm pitch
Travel Guide	Ball Slide Guides
Max. Velocity	40 mm/sec
Design Resolution	1.25 µm/Pulse
Repeatability	< 3 µm
Accuracy	< 5 µm
Backlash	< 5 µm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	JS	2/21/2014
APPROVAL	GW	2/23/2014



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MODEL NO.: **MT150X**

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS

REVISION: 01