


Standard Linear Motorized Stages



Overview

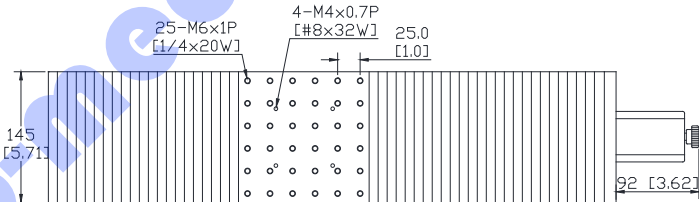
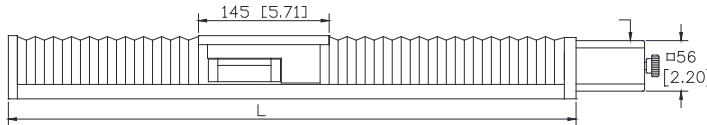
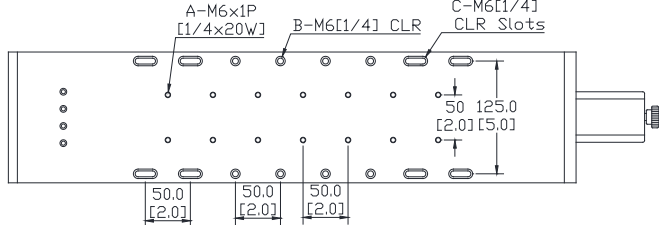
- High accuracy T1 preformed rigid rail makes the movement more smoothly and also increasing heavy load capacity
- With Class C7 ball-bearing screw rod (higher class rod is also available)
- Tackle limit switch makes the signals independent of oil, temp and noise
- High speed coupling couples the stepper and main axis screw rod
- Driven by two phase stepper motors and micro-stepping controller
- Can add linear encoder
- Detailed specifications could satisfy all kind of applications
- Metric / Imperial Version available
- Customized specifications upon request
- Can choose higher precision ballscrew (C1~C10), refer to page E. 06

Specification & Item Numbers



MTP145-200 / 300 / 400

MTP145-500 / 600

Item #	L=mm(*)	A(Q'ty)	B(Q'ty)	C(Q'ty)
MTP145-200	510[20.08]	10	0	8
MTP145-300	630[24.8]	12	10	4
MTP145-400	770[30.3]	14	10	8
MTP145-500	900[35.43]	14	10	8
MTP145-600	1040[40.94]	14	10	8

Item Number	Travel Dimensions (mm)	Platform Dimensions (mm)	Load Capacity (kg)	Resolution (um)	Repeatability ±(um)	Position Accuracy ±(um)	Straightness ±(mm)	Weight (kg)
MTP-145-200-C7	200	145x145	40	2.5	2.5	0.05 / 300	0.015	9.9
MTP-145-300-C7	300	145x145	40	2.5	2.5	0.05 / 300	0.015	10.9
MTP-145-400-C7	400	145x145	40	2.5	2.5	0.05 / 300	0.015	12
MTP-145-500-C7	500	145x145	40	2.5	2.5	0.05 / 300	0.02	13.3
MTP-145-600-C7	600	145x145	40	2.5	2.5	0.05 / 300	0.02	14.6