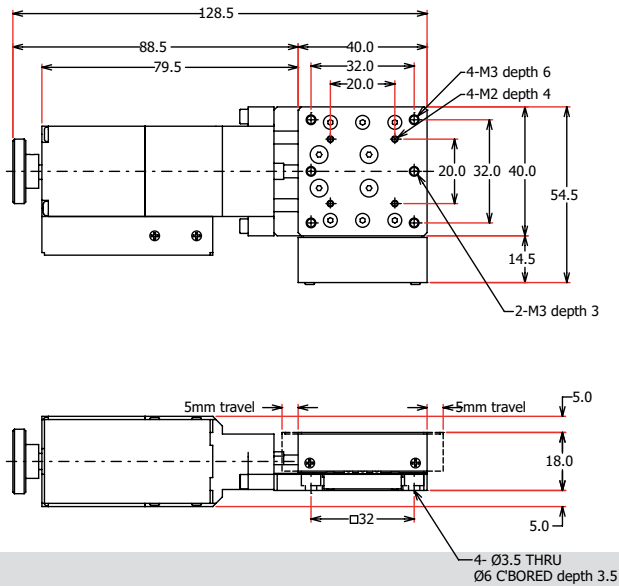


Aluminum Crossed Roller Guide Motorized Stage

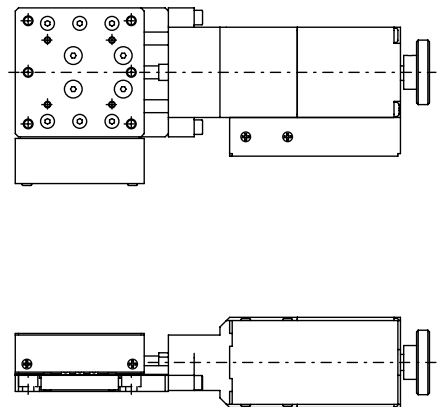
- Compact and lightweight
- Right and left handed versions available
- Ball Screw drive
- Zero slip crossed roller bearing (50, 60 and 70mm sizes)
- Ideal for vertical uses and high cycle counts.



Part No. 509-4010

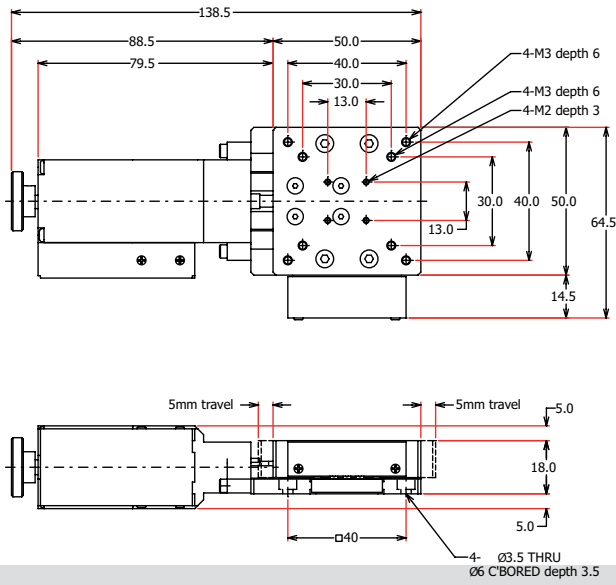


Part No. 509-4011

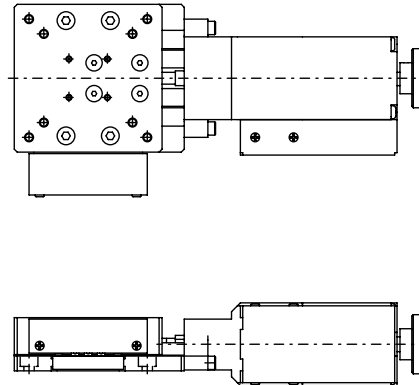


40MM MOTORIZED CROSSED ROLLER STAGE

Part No. 509-5010



Part No. 509-5011



Piezo Stages

Linear Stages

Rotation Stages

ZF Stages

Motorized Optics Holders

Goniometers

GS Closed Loop Stages

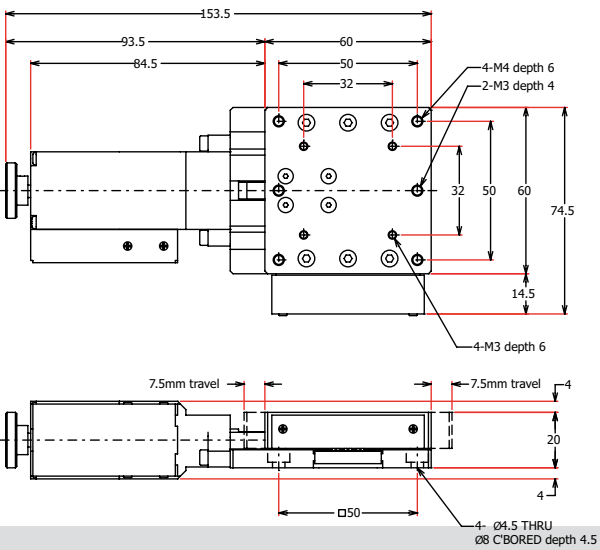
Controllers & Drivers

Cables & Accessories

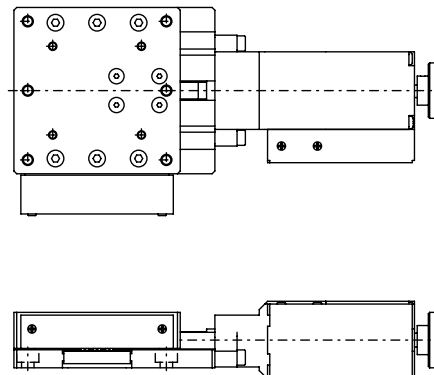
Software

50MM MOTORIZED CROSSED ROLLER STAGE

Part No. 509-6015

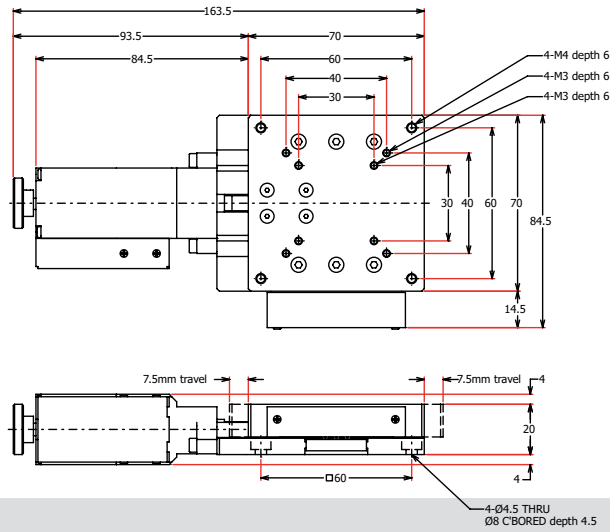


Part No. 509-6016

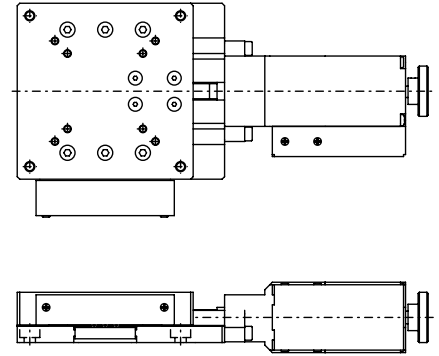


60MM MOTORIZED CROSSED ROLLER STAGE

Part No. 509-7015



Part No. 509-7016



70MM MOTORIZED CROSSED ROLLER STAGE

Specifications & Tolerances

Bearings	Crossed Roller
Stage material	Black anodized aluminum
Travel per pulse	2µm /pulse (Full step mode) 1µm/pulse (Half step mode)
Maximum speed	10mm/sec
Positional accuracy	< 6µm
Unidirectional repeatability	< 1µm
Lost motion	< 1µm
Backlash	< 1µm
Parallelism	< 30µm
Straightness	< 10µm

Aluminum Crossed Roller Guide Motorized Stage

Travel (mm)	Table Size (mm)	Load Capacity (kg)	Angular Deviation (arcsec)	Stiffness (arcsec/N×cm)	Price	Model Number	PART NUMBER
10	40 x 40	3	25	1.5		TAMM40-10C	509-4010
10	40 x 40	3	25	1.5		TAMM40-10CR	509-4011
10	50 x 50	5	25	1.5		TAMM50-10C	509-5010
10	50 x 50	5	25	1.5		TAMM50-10CR	509-5011
15	60 x 60	5	20	0.5		TAMM60-15C	509-6015
15	60 x 60	5	20	0.5		TAMM60-15CR	509-6016
15	70 x 70	5	20	0.5		TAMM70-15C	509-7015
15	70 x 70	5	20	0.5		TAMM70-15CR	509-7016