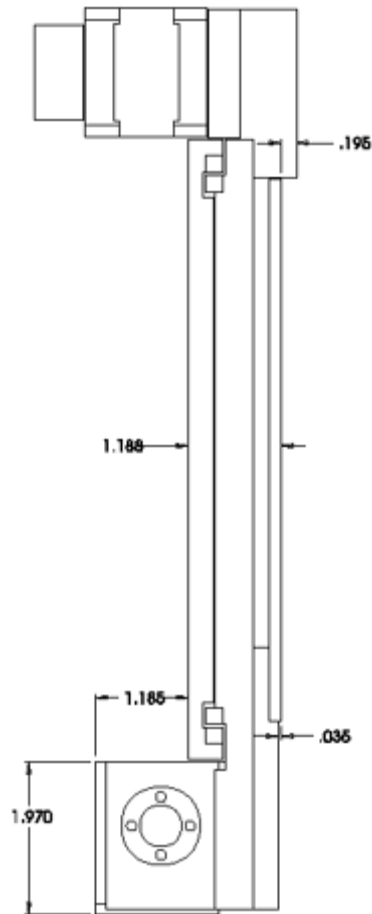


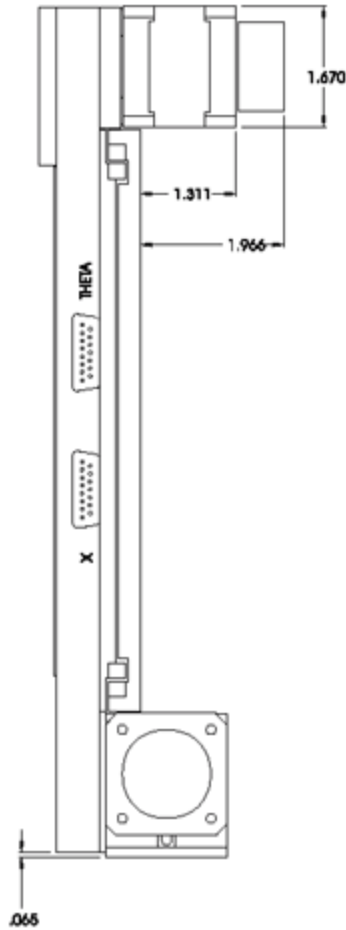
X-Theta™ Stage X-Axis

Dimensions - Left Side View



X-Theta™ Stage X-Axis

Dimensions - Right Side View



X-Theta™ Stage X-Axis

Specifications

	X-Axis	Theta-Axis
Travel (inches)	6	360°
Accuracy (µm)	30 ¹	1°
Bi-directional Repeatability (µm)	3	0.5°
Flatness & Straightness (µm)	10	--
Pitch & Yaw (arc-seconds)	40	--
Axis Runout	--	25
Radial Runout	--	25
Load Capacity (kg) ²	10	10
Maximum Speed (rps)	15	360°/sec
Mass (kg)	Moving Total	0.5 4.5
	2.9 4.5	

Configurations³

LeadScrew	Lead (inch) Lead (mm)	0.50, 0.40, 0.20, 0.10, 0.02 3, 2, 1.4
Motor	Stepper (oz-in) 400 step/rev 200 step/rev	23, Others 44, Others

¹ Leadscrew accuracy

² Please contact our Applications Engineers for loads exceeding 5kg.

³ Standard configuration is highlighted.