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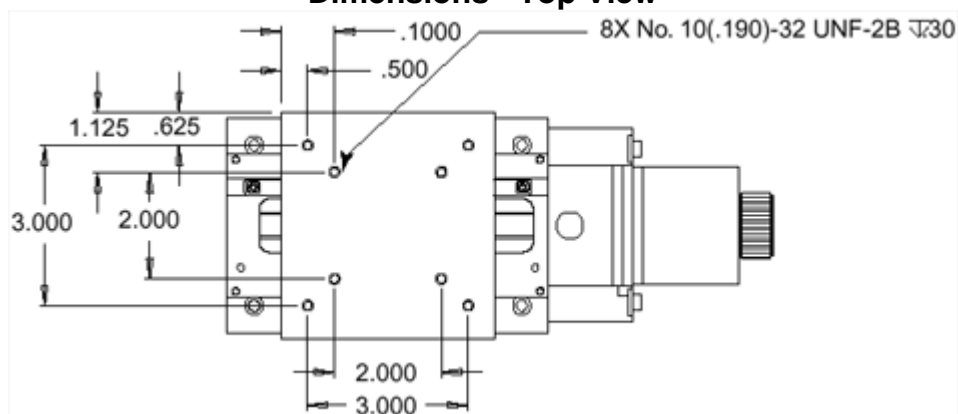
DANAHER
MOTION

TMS-700™ Single-Axis Shuttle

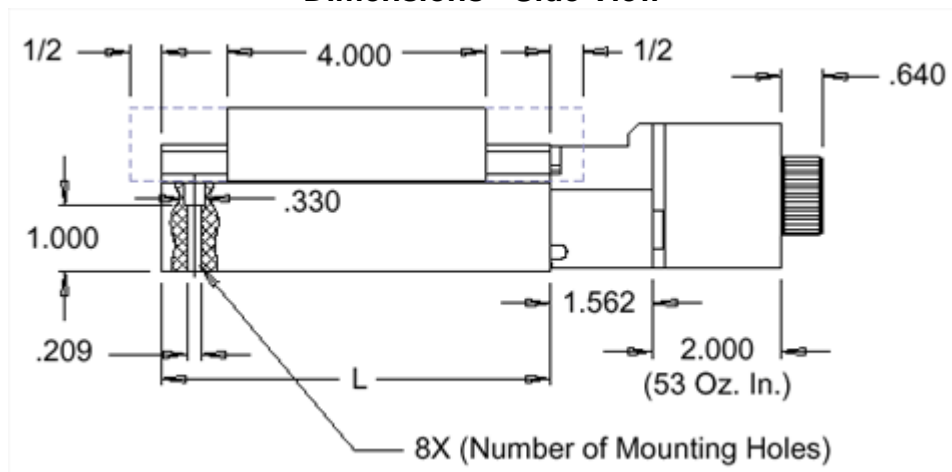


Product Dimensions

Dimensions - Top View

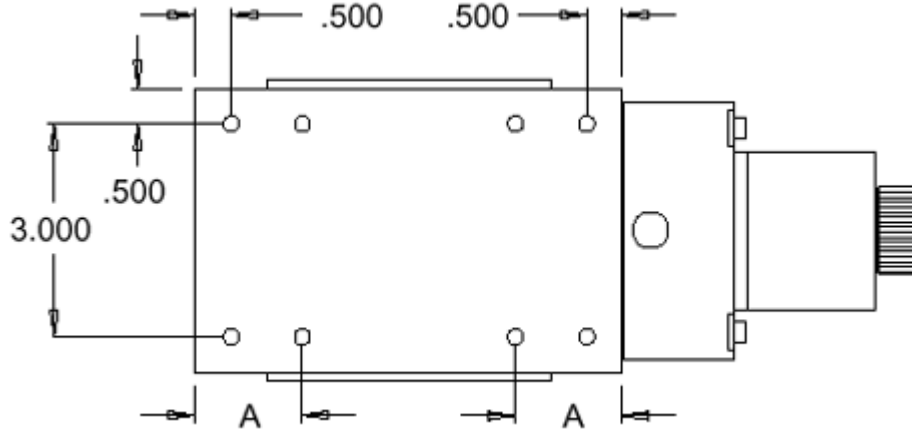


Dimensions - Side View

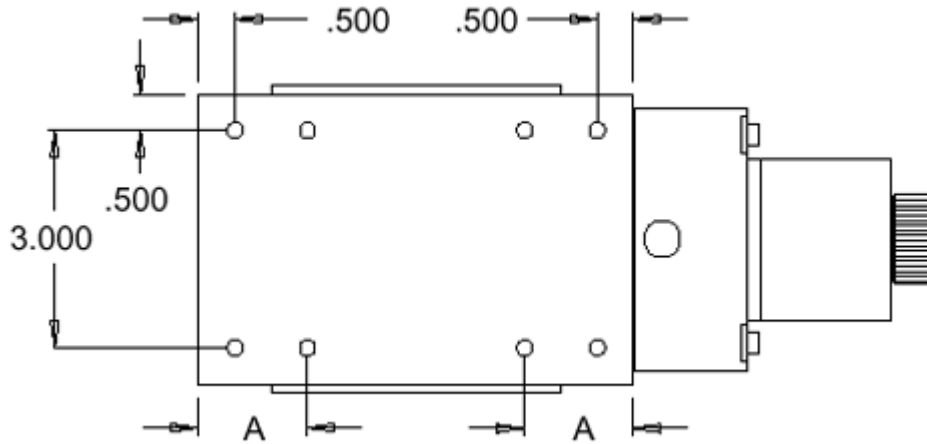


TMS-700™ Single-Axis Shuttle

Dimensions - Bottom View



Dimensions - End View



TMS-700™ Single-Axis Shuttle

Specifications

Travel (inches)		7
Leadscrew Accuracy (µm)	Precision	20
	Commercial	70
Bidirectional Repeatability (µm)	Precision	3
	Commercial	6
Flatness & Straightness (µm)	Precision	15
Pitch & Yaw (arc-seconds)		55
Load Capacity (kg) ¹		25
Maximum Leadscrew Speed (rps)		15
Mass (kg)	Moving	0.7
	Total	3.5

Configurations ²

Leadscrew	Lead (inch)	Precision Commercial	0.40, 0.20, 0.10, 0.02 0.50, 0.40, 0.20, 0.10, 0.02
	Lead (mm)	Precision Commercial	2 3, 2, 1.4
Motor	Stepper (oz-in)	400 step/rev	118, others available
		200 step/rev	53, 100, others available
	Servo ³		brush, brushless

Options

Encoder	Rotary (counts/rev.)	2000, 4000
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¹ Please contact our Applications Engineers for loads exceeding 5kg.

² Standard configuration is highlighted.