

SERVO SYSTEMS CO.

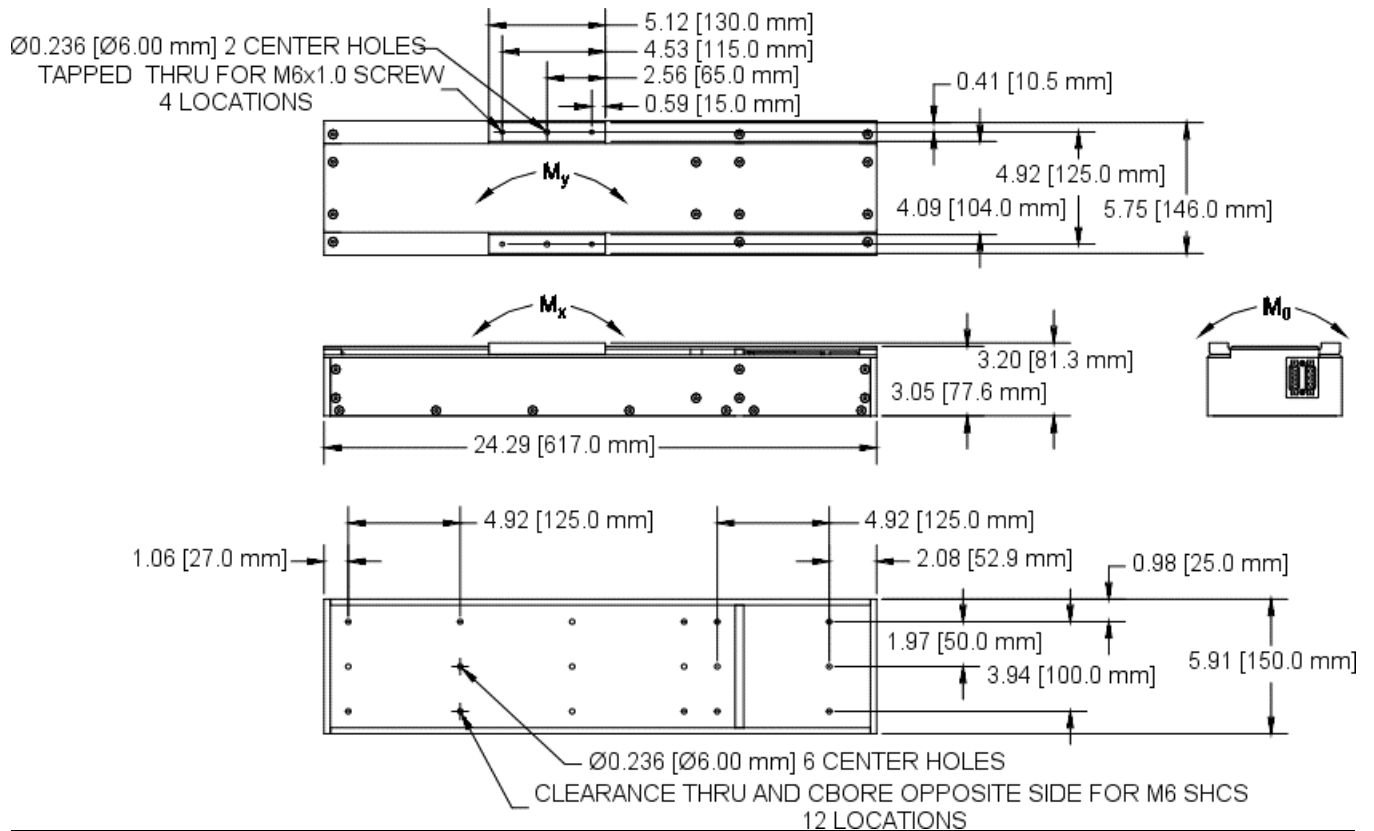
Low Profile Series Enclosed Linear Stages

Model: ELPS-300-350

Description: 305 mm travel Enclosed Linear Positioning Stage

Motor Mount: Animatics SM2300 Series Smartmotor

Dimensions:



Specifications:

Unit Weight	10.6 kg*	Drag Torque	0.05 N-m
Moving Mass	1.229 kg	Standard Lead	2.5 mm/rev.
Travel Length	304.9 mm	Linear Speed	75.00 mm/s
Screw & Coupling Inertia	6.050E-05 kg-m ²	Leadscrew Efficiency	35%
Axial Moment (Mo)	58.84 N-m	Bidirectional Repeatability	0.0125 mm
Perpendicular Moments (Mx & My)	46.28 N-m	Connection	15 pin D-sub I/O for Animatics SM2300 Series SmartMotor**
Maximum Dynamic Load	159 N	Pricing Information	ELPS-300-350***
Payload	61.94 kg		

Notes: *The ELPS can only be sold with an Animatics SmartMotor and the weight does not include the motor; **Pins 3 and 4 are not connected on the exterior connector--they are used internally for the limit switches; ***Dual position limit/home sensors are embedded in the table at no extra fee, contact Servo System Co. for pricing information

