SERVO SYSTEMS CO.

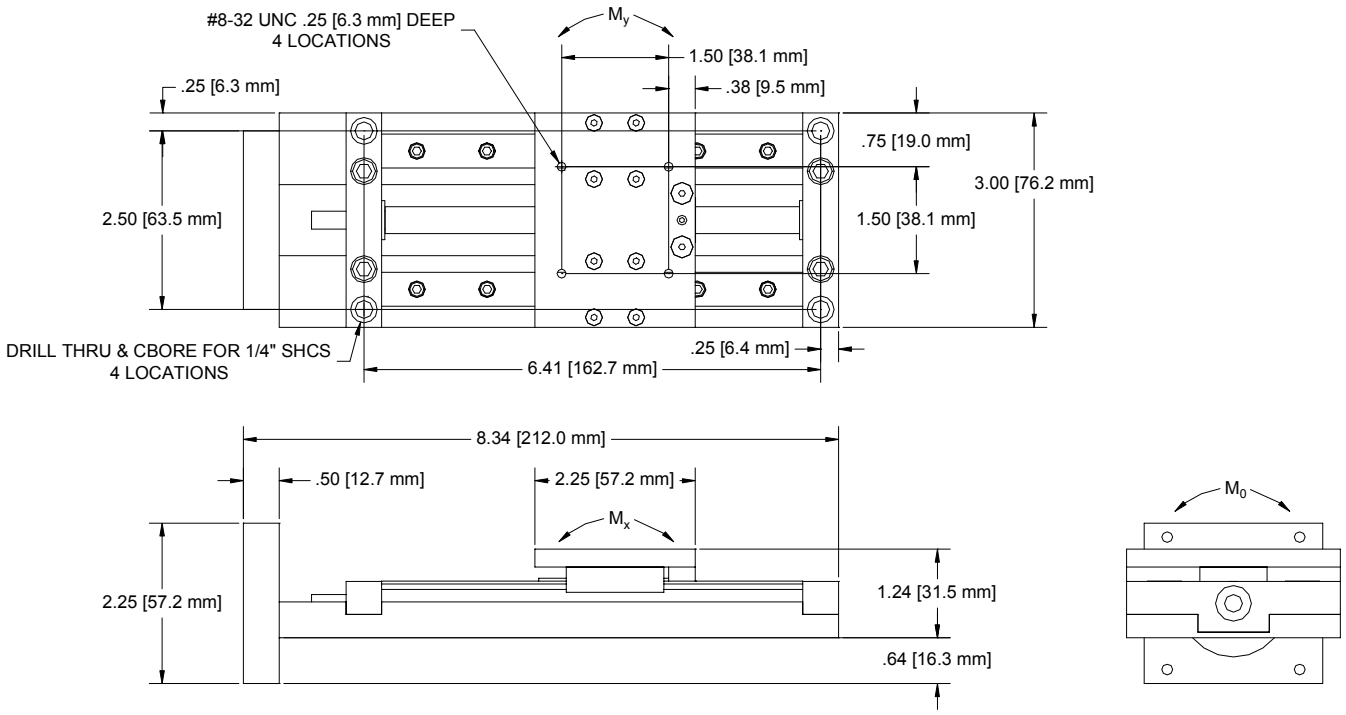
Low Profile Series Miniature Linear Stages

Model: MLPS-3-10

Description: 3 inch travel linear stage with anti-backlash lead-screw assembly, profiled linear rails, and two (one per rail) linear bearings

Motor Mount: Standard NEMA 23

Dimensions:



Specifications:

Unit Weight	**2.0 lb.**	**Linear Speed**	15 in./sec.
Moving Mass	0.372 lb.	**Leadscrew Efficiency**	81%
Travel Length	3.62 in.	**Bidirectional Repeatability**	0.0005 in.
Screw Inertia	6.885E-06 lb.-in.-sec.^{2}	**Pricing Information**	**MLPS-3-10***
Axial Moment (Mo)	90.26 in.-lb.	**Optional Accessories**	**MLPS-MFT*** Mounting Foot **MLPS-xLS*** Dual Position Limit / Home Sensors **LPS-MCH*** Manual Crank Handle **LPS-MSH*** Motor Shaft Crank Handle **-** fits 1/4" rear motor shaft
Perpendicular Moments (Mx & My)	48.6 in.-lb.		
Maximum Dynamic Load	10 lb.		
Payload	9.628 lb.		
Drag Torque	3 oz.-in.		
Standard Lead	0.5 in./rev.		

Notes: Stock screw pitches come in 1 in., .5 in., .25 in., and .2 in.; other screw pitches available upon request
*Contact Servo Systems Co. via phone or e-mail for pricing information

SERVO SYSTEMS CO.
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