

SERVO SYSTEMS CO.

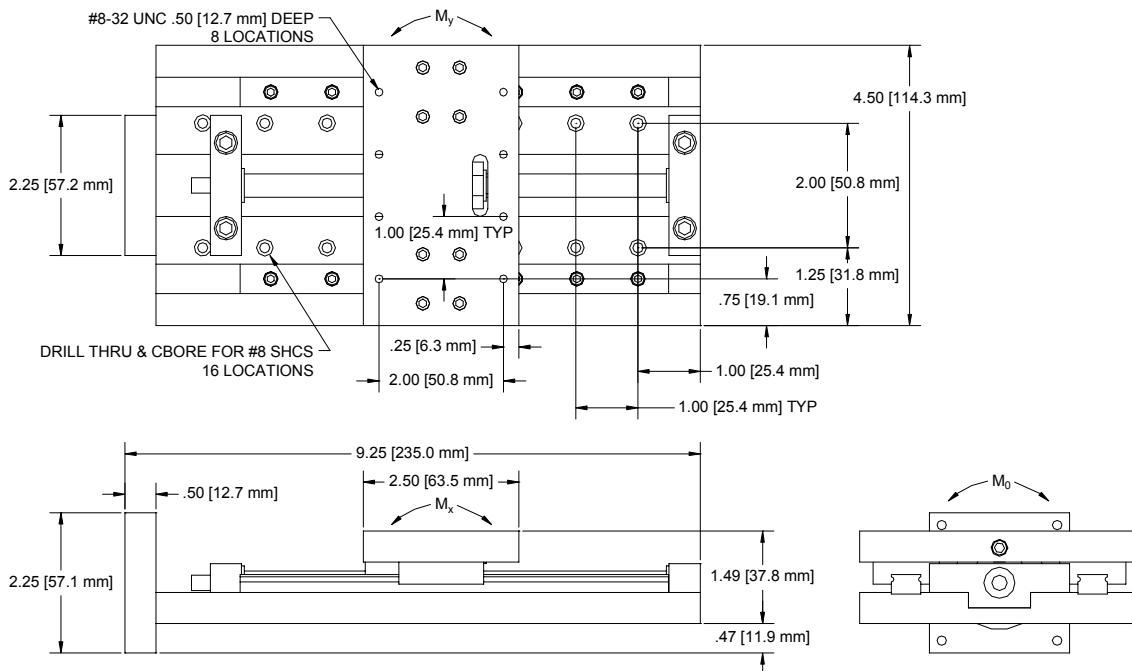
Low Profile Series Linear Stages

Model: LPS-4-10

Description: 4 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	3.5 lb.	Linear Speed	15 in./sec.
Moving Mass	0.746 lb.	Leadscrew Efficiency	81%
Travel Length	4.93 in.	Bidirectional Repeatability	0.0005 in.
Screw Inertia	7.627E-06 lb.-in.-sec. ²	Pricing Information	LPS-4-10*
Axial Moment (M_0)	90.26 in.-lb.	Optional Accessories	LPS-MFT* Mounting Foot LPS-xLS* Dual Position Limit / Home Sensors LPS-MCH* Manual Crank Handle LPS-MSH* Motor Shaft Crank Handle - fits 1/4" rear motor shaft LPS-ZB* Z-axis Bracket
Perpendicular Moments (M_x & M_y)	48.60 in.-lb.		
Maximum Dynamic Load	20 lb.		
Payload	9.25 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

