



2500 Series Linear Stage

Using rail bearings and ground ballscrews, the 2500 series offers good load bearing capability, long travel with high accuracy and economy. Travel ranges of up to 500mm as standard make the 2500 series exceptionally versatile whilst the hard top cover provides protection for the stage and other equipment

Adjustable magnetic limit and datum switches are integral within the stage.

Stepper or servo motors are compatible with 2500 series stage.



Specification

Travel (mm)	100	150	200	250	300	350	400	450
Standard Ballscrew	G0, precision ground, 2mm pitch							
Flatness and straightness of travel	± 2µm per 25mm travel							
Bi-directional repeatability	± 2µm							
Load capacity (kg)								
Stage horizontal	75	75	75	75	75	75	75	75
Stage vertical	35	35	35	35	35	35	35	35
Weight (kg)	3	4	6	7	9	11	13	15
Materials	Aluminium alloy and stainless steel							

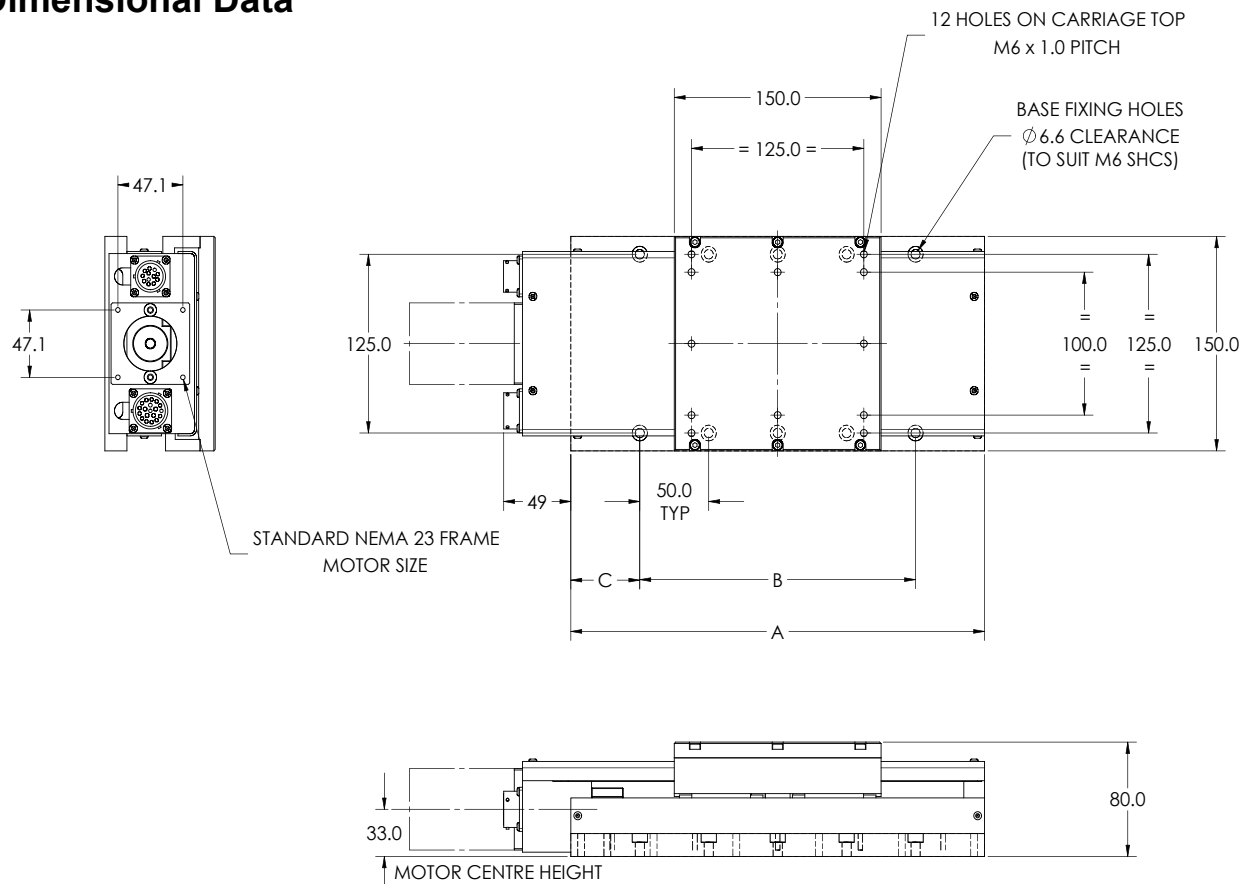
Options

- Various ballscrew and Leadscrew pitches available
- Foldback motors
- Travels in excess of 500 mm
- Ballscrew brake



2500 Series Stage

Dimensional Data



Travel mm	Dimensions mm		
	A	B	C
100	300	200	50
150	350	200	75
200	400	300	50
250	450	300	75
300	500	400	50
350	550	400	75
400	600	500	50
450	650	500	75