



2000 Series Linear Stage

Using rail bearings and ground ballscrews, the 2000 series offers good load bearing capability, long travel with high accuracy and economy. Travel ranges of up to 500mm as standard make the 2000 series exceptionally versatile whilst the optional bellows covers 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 2000 series stage.



Specification

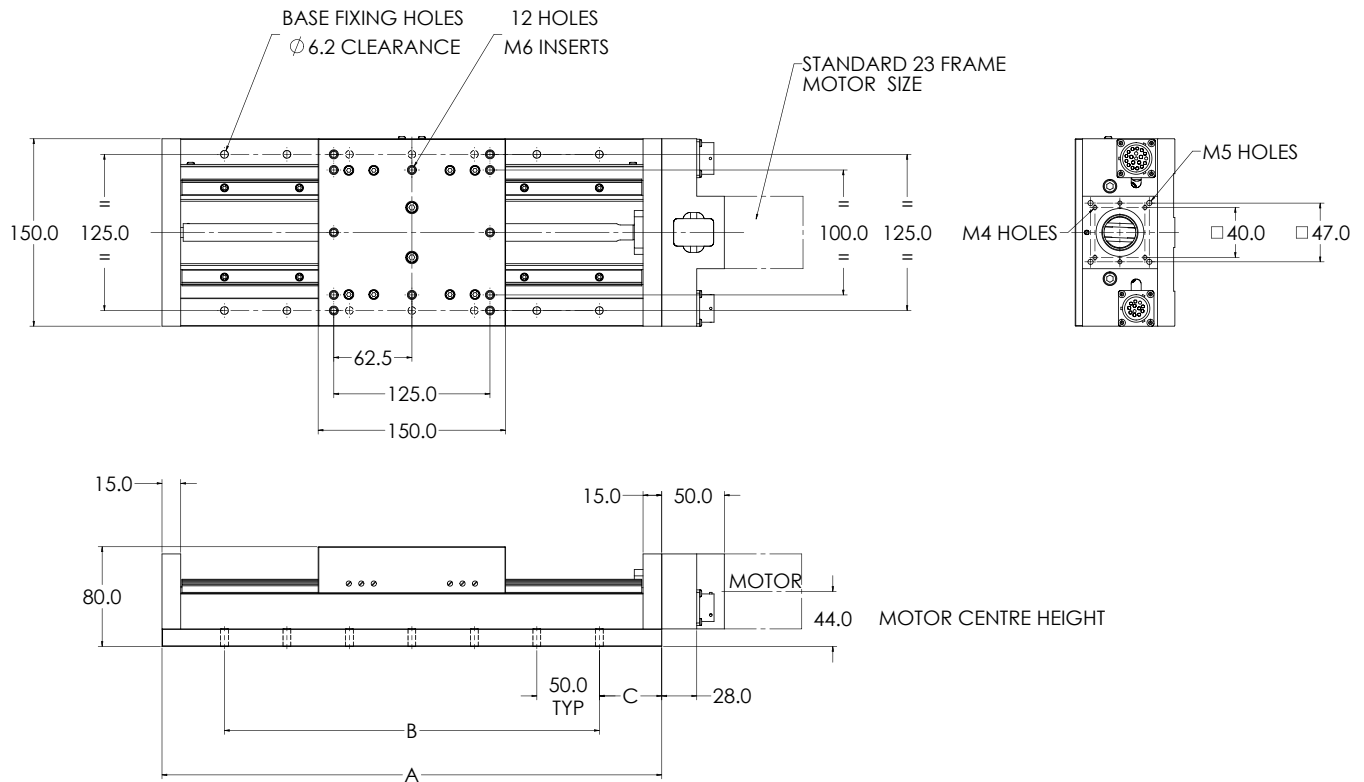
Travel (mm)	100	150	200	250	300	350	400	450
Standard Ballscrew	G0, precision ground, 2mm pitch							
Flatness and straightness of travel	+/- 2µm per 25mm travel							
Bi-directional repeatability	+/- 2µm							
Load capacity (kg)								
Stage horizontal	75	75	75	75	75	75	75	75
Stage vertical	35	35	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
- Ballscrew brake

2000 Series Stage

Dimensional Data



Travel mm	Dimensions mm			Travel with Bellows
	A	B	C	
100	300	200	50	75
150	350	200	75	100
200	400	300	50	150
250	450	300	75	190
300	500	400	50	225
350	550	400	75	260
400	600	500	50	300
450	650	500	75	325