

Technical Specifications

IB-C80-AIR	
Aperture size	Maximum: 80 mm x 80 mm Minimum: Full overlap
Resolution	1 micron per full step
Repeatability	< 2 micron
Accuracy	± 10 micron over full range ± 1 micron or better with encoders
Mechanical dimension	317 mm x 317 mm x 81 mm 255 mm x 255 mm x 77 mm (housing only)
Mechanical connections	M6-threaded holes on the sides as shown on the drawing.
Limit switches (end-of-travel)	Included as standard on all motions
Weight	≈ 6.5 kg
Outer surface	Anodized aluminum in color nature
Guiding	High precision internal rails and carriages
Electrical connections	Microswitches coupled to 2 motor connectors (SUB-D 15 pins male)
Motors	2 phase stepping motors - see "Motor Specifications"