

## Technical Specifications

IB-C22-HV	
Aperture size	Maximum: 22 mm x 22 mm Minimum: Full overlap
Resolution	2 micron per full step
Repeatability	< 1 micron
Accuracy	± 2 micron (over 3 mm)
Vacuum	O-ring sealed, high vacuum 10 <sup>-5</sup> mbar, low outgassing materials
Mechanical dimension	153 mm x 153 mm x 64 mm 95 mm x 95 mm x 60 mm (housing only)
Standard blades	2 mm thick tungsten carbide blades, can be mounted either with 0.5 degree knife-edge or R16 radius edge
Mechanical connections	M5-threaded holes on the sides as shown on the drawing. KF-40 flange connections are provided on the body of both sides of the slit
Limit switches (end-of-travel)	Included as standard on all motions
Weight	≈ 2.2 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