ECGp5050/AI/HL/NUM/RT

1008843

Technical Specifications

Size and Dimensions	
footprint; height	50 mm x 50 mm; 17 mm
distance center of rotation to bottom	94 mm
maximum installation space	50 mm x 69.8 mm; 19.5 mm
weight (aluminium version)	137 g
height	17 mm
Materials	
positioner body	aluminum
actuator	PZT ceramics
connecting wires	copper, jacket: RT: PTFE, HV/UHV: fiberglass
Coarse Positioning Mode	
travel range (step mode)	10 °
maximum drive velocity @ 300 K	3 °/s
input voltage range	0 - 45 V
Fine Positioning Mode	
fine angular positioning range @ 300 K	1.1 m°
fine positioning resolution	µ°
input DC voltage range	0 - 45 V
Position Encoder	
readout mechanism	optoelectronic sensor
encoded travel range	entire travel
sensor resolution	1 µ°
sensor power (when measuring)	300 mW
repeatability	50 µ° (bidirectional)
Load (@ ambient conditions)	
maximum load	1 kg
maximum dynamic torque around axis	43.5 Ncm
General Specifications	
environment	/RT

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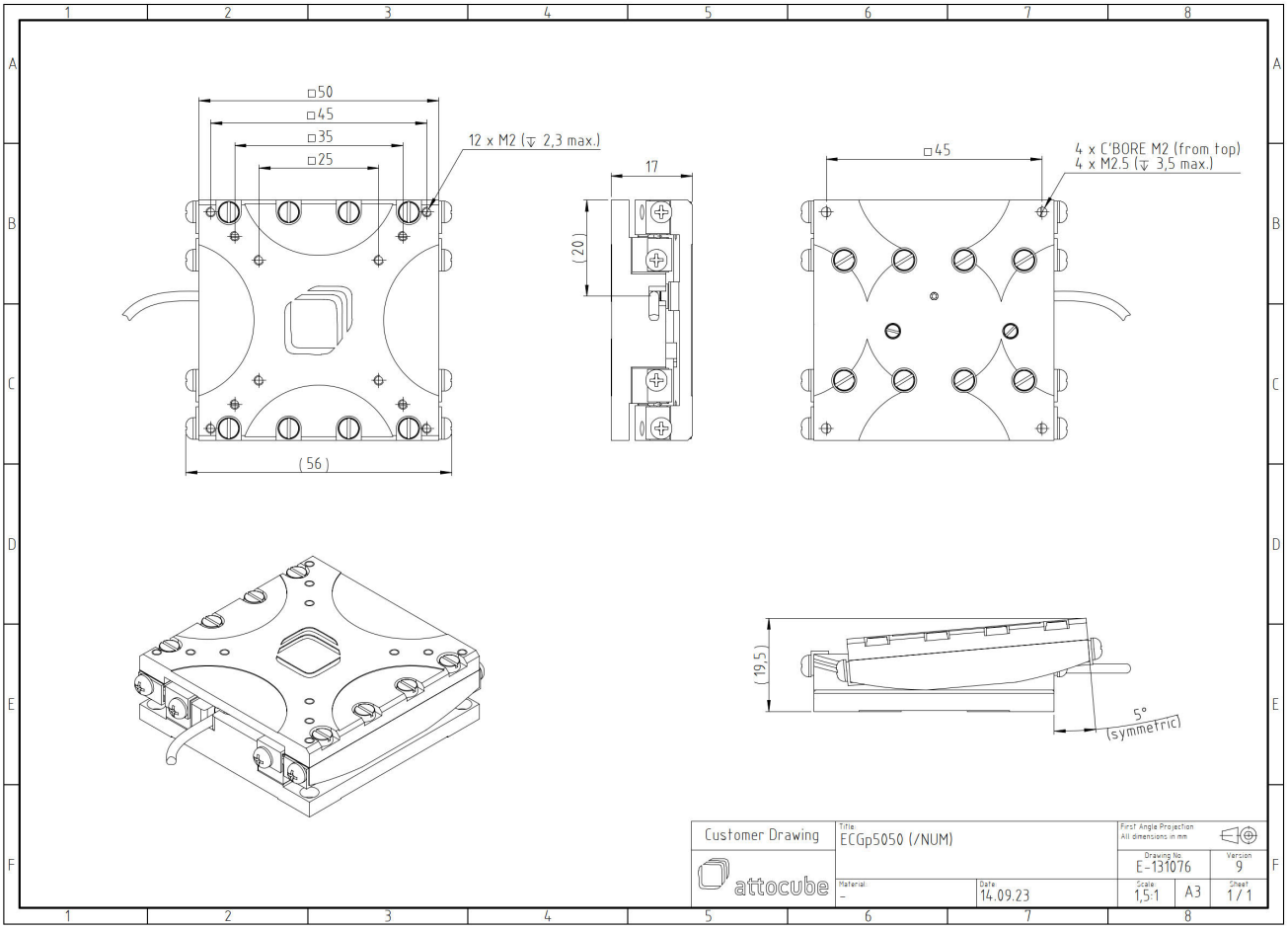

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