

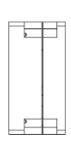
## **Product-Specification**

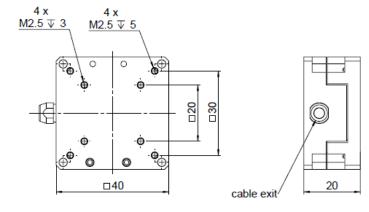
Product	X-Stage 250 μm			
Product-Number	C1O-L00250	C1S-D00250	Unit	Tolerance
Position-Sensor	-	SGS		
Range (-45180 V)	330	330	μm	±10%
Range, closed loop	-	250	μm	
Resolution, open loop	1	1	nm	typ.
Resolution, closed loop	-	3	nm	typ.
Linearity, closed loop	-	0.2	%	typ.
Repeatability, closed loop	-	25	nm	typ.
Load	150		g	max.
Push/Pull	15/10		N	max.
Stiffness	0.4		N/µm	±10%
Lowest Resonance, unloaded	210		Hz	±10%
Lowest Resonance, w/ load 30g	190		Hz	±10%
El. Capacitance @ 1V eff. 1kHz	2.2/axis		μF	±10%
Body-Material	aluminum, stainless steel			
Dimensions	40x40x20		mm	
Wire-Length	1.5		m	
Connector	Lemosa	DSub15		
Operating Temperature	-20+80		°C	

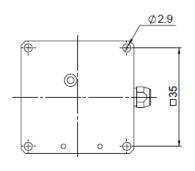
## Options:

- → Vacuum-Compatibility and/or Non-Magnetic
- → Suitable drivers, open-loop, EBO-050100
- ¬ Suitable controllers, closed-loop, EBD-060100









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