

Product-Specification

Product	Straight Focus Objective-Positioner, 1200 µm		
Product-Code	SFC-D21200	Unit	Tolerance
Position-Sensor	Capacitive		
Range, Closed Loop	1200	µm	±1%
Resolution, closed loop	6	nm	RMS, typ.
Linearity, closed loop	0.02	%	typ.
Repeatability, 100 µm	60	nm	typ.
Pitch/Yaw	60	µrad	max.
Push/Pull	10	N	max.
Load	150	g	max.
Stiffness	0.07	N/µm	±20%
Resonance, unloaded	200	Hz	±20%
Resonance, w/ 150g load	100	Hz	±20%
Electrical Cap. @ 1V eff, 1kHz	13	µF	±10%
Body-Material	aluminum/stainless-steel		
Wire-Length	1.5	m	±0.01
Operating Temperature	-20..80	°C	

Options:

- Open-Loop Version
- Vacuum-Compatibility
- Suitable Controller, EBC-120310

