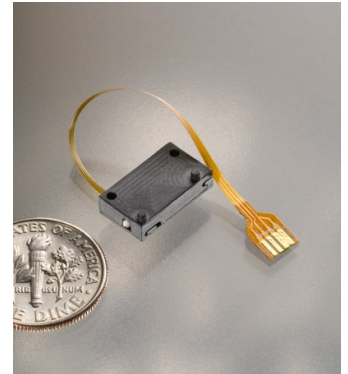


EDGE Motor

Performance

Maximum Allowable Velocity:	120 [mm/sec]
Dynamic Stall Force:	300 [mN]
Static Holding Force	300to 320 [mN] (reference value)
Non-Energized Stiffness	0.06 to 0.09 [N/ μ]
Nominal Preload on Stage	1.65 to 2.0 [N]
Kf	30.5 [mN/VoH] with AB5 Driver (+/- 15% tolerance) 40.6 [mN/VoH with AB1 Driver (+/- 15% tolerance)
Kfv	-1.6307 [Nsec/m]
Offset	2 to 3 [V] of 10 - Driver dependant
Attainable Resolution	Better than 100 nm – See application notes
Nominal Lifetime	20,000 hours under nominal operating conditions



Electrical

Maximal Voltage:	12Vrms, 39.6KHz, sine wave
Maximal Current consumption:	130 mA rms (Cable length dependant)
Maximal Power Consumption:	750mW
Typical Capacitance	9.5nF / pole

Environmental

Ambient Temperature:	-20°C to 60°C
Storage:	-40°C - +80°C
Humidity:	0 - 80% non condensing

Physical Dimensions

Length:	13.5mm
Width:	7.6mm
Height:	3.15mm
Weight:	0.55gr

