

**LS2 MOTORS SPECIFICATION PARAMETERS:**

**PERFORMANCE**

Maximum Allowable Velocity:	50 (mm/sec)
Dynamic Stall Force:	2 (N)
Static Holding Force	1.8 (N) (reference value)
Non-Energized Stiffness	1.4 (N/ $\mu$ )
Nominal Preload on Stage	18 (N)
Kf	0.4 (N/Volt command) – driver & Command dependant
Kfv	10 (N • sec/m)
Offset	0.8 to 2 (V) – Driver dependant
Attainable Resolution	Better than 20 nm – see application notes
Nominal Lifetime	20,000 hours under nominal operating conditions

**ELECTRICAL**

Maximal Voltage:	100 Vrms, 39.6KHz, sine wave
Maximal Current consumption:	60 mA rms
Maximal Power Consumption:	0.8 W

**ENVIRONMENTAL**

Ambient Temperature:	0 – 50 ° C
Storage:	-40 ° C - +70 ° C
Humidity:	0 – 80% non condensing

**MOTOR + CONDITIONING DEVICE**

Length:	42 mm
Width:	45 mm
Height:	17 mm
Weight:	65 gr

**MAINTENANCE:**

Once a year wipe ceramic strip with IPA without Detaching motor.  
Change conditioning device every 1 year typical.

For Further Information Contact ....	
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