

LS8 MOTORS SPECIFICATION PARAMETERS:

PERFORMANCE

Maximum Allowable Velocity:	50 (mm/sec)
Dynamic Stall Force:	8 (N)
Static Holding Force	8 (N) (reference value)
Non-Energized Stiffness	3.3 (N/μ)
Nominal Preload on Stage	72 (N)
Kf	3 to 5 (N/Volt command) – driver & Command dependant
Kfv	60 to 80 (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:	125 Vrms, 39.6KHz, sine wave
Maximal Current consumption:	250 mA rms
Maximal Power Consumption:	6.0 W

ENVIRONMENTAL

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

MOTOR + CONDITIONING DEVICE

Length:	42 mm
Width:	60 mm
Height:	28 mm
Weight:	175 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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