



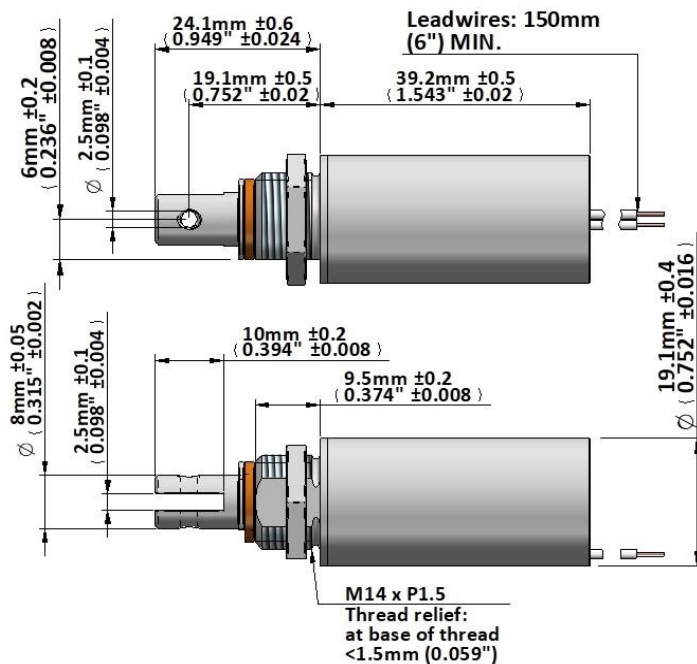
Device drawn in energised condition

Life Expectancy >2M cycles

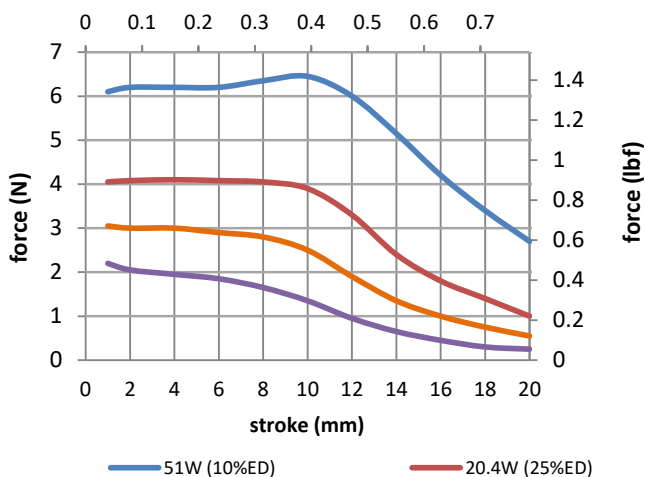
Leadwires UL1430, 22AWG

Plunger Mass 20 grammes

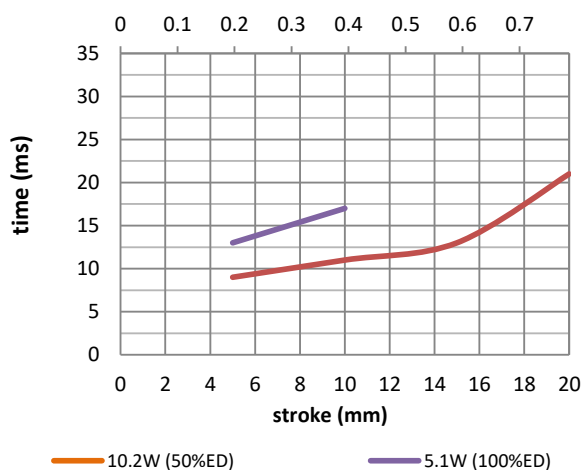
Mass 81 grammes



force / stroke M190SS
stroke (inch)



response time
stroke (inch)



Data at 20°C, device performance measured without heat sink

| duty cycle = $\frac{\text{"on" time}}{\text{"on" time} + \text{"off" time}} \times 100\%$ | | | 100% cont. | 50% or less | 25% or less | 10% or less |
|---|-----------------|--------------------|---------------|----------------|----------------|----------------|
| Max. "on" time in seconds | | | ∞ | 180 | 20 | 5 |
| watts at 20°C | | | 5.1 | 10.2 | 20.4 | 51 |
| ampere-turns at 20° | | | 646 | 914 | 1292 | 2043 |
| AWG no. | resistance | number of turns | volts DC | | | |
| | Ω±10% (at 20°C) | | | | | |
| M190SS-12v | 30.9 | 1722 | 12.0 | 17.0 | 24.0 | 38.0 |
| M190SS-24v | 110 | 3060 | 24.0 | 34.0 | 48.0 | 76.0 |
| M190SS-48v | 435 | 6214 | 48.0 | 68.0 | 96.0 | 152.0 |
| M190SS-96v | 1815 | 12210 | 96.0 | 136.0 | 192 | 304 |

Insulation Resistance >100MΩ, 500VDC Megger

Dielectric Strength 1000VAC, 50/60Hz, 1 minute

Class E (120°C) insulation class

Geeplus reserves the right to change specifications without notice

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