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"Lite" Econo Actuators

For typical APPLICATIONS where a PUSH and PULL, LIFT and LOWER, OPEN and CLOSE or TILT and PIVOT linear movement required. Some applications include, AUTOMATED LOCKS, VALVES, MEDICAL BEDS, FURNITURE, WINDOWS, BLINDS, LOUVRES, SOLAR TRACKING, AGRICULTURAL EQUIPMENT, LABORATORY EQUIPMENT, ROBOTICS, CAMPERS, CARAVANS, 4X4'S, ACCELERATORS / THROTTLES, BOATING, TRUCK ENCLOSURES and many more

BirCraft's range of "Lite" Econo Linear Actuators type "LES" with ACME screw, built-in Micro switch and an internal diode can automatically stop and enables the direction to change by simply reversing the polarity.

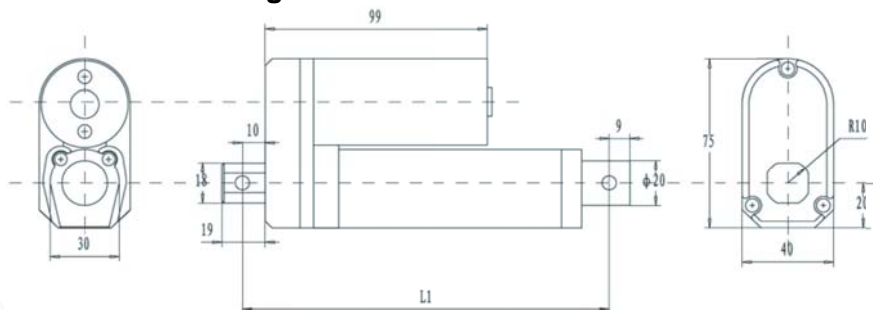


Features:

- Max Load – up to 1200N (120Kg)
- Max static force – 3000N (300Kg)
- Standard Voltage: 12 and 24Vdc (Optional – 36Vdc)
- Speeds up to 27mm/s
- Standard Stroke length: 50, 100, 200, 300 & 500mm (Optional – 25 to 1000mm)
- Operating temperature -26°C~+65°C
- Aluminum outer tube and push rod
- Protection – IP65
- Duty Cycle 20%
- Life time expectancy - 50 000 cycles

Note: Force is relevant to the Stroke speed

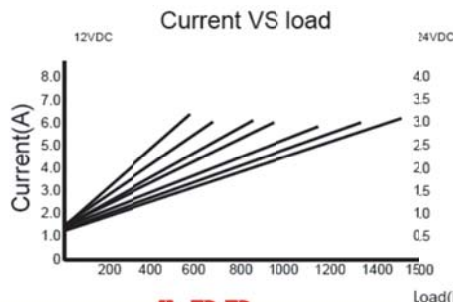
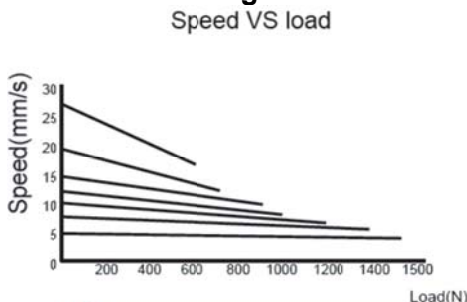
Dimensional Drawing:



L1 = Retracted Length

Stroke (± 2mm)	50	100	150	200	250	300	500
Retracted length (L1)(±2 mm)	155	205	255	305	355	405	605
Weight (Kg)	0.9	1.0	1.1	1.2	1.3	1.4	1.6

Performance Diagrams



Accessories:

Controller:
220Vac Supply
12 / 24 Vdc output



Mounting Bracket:

