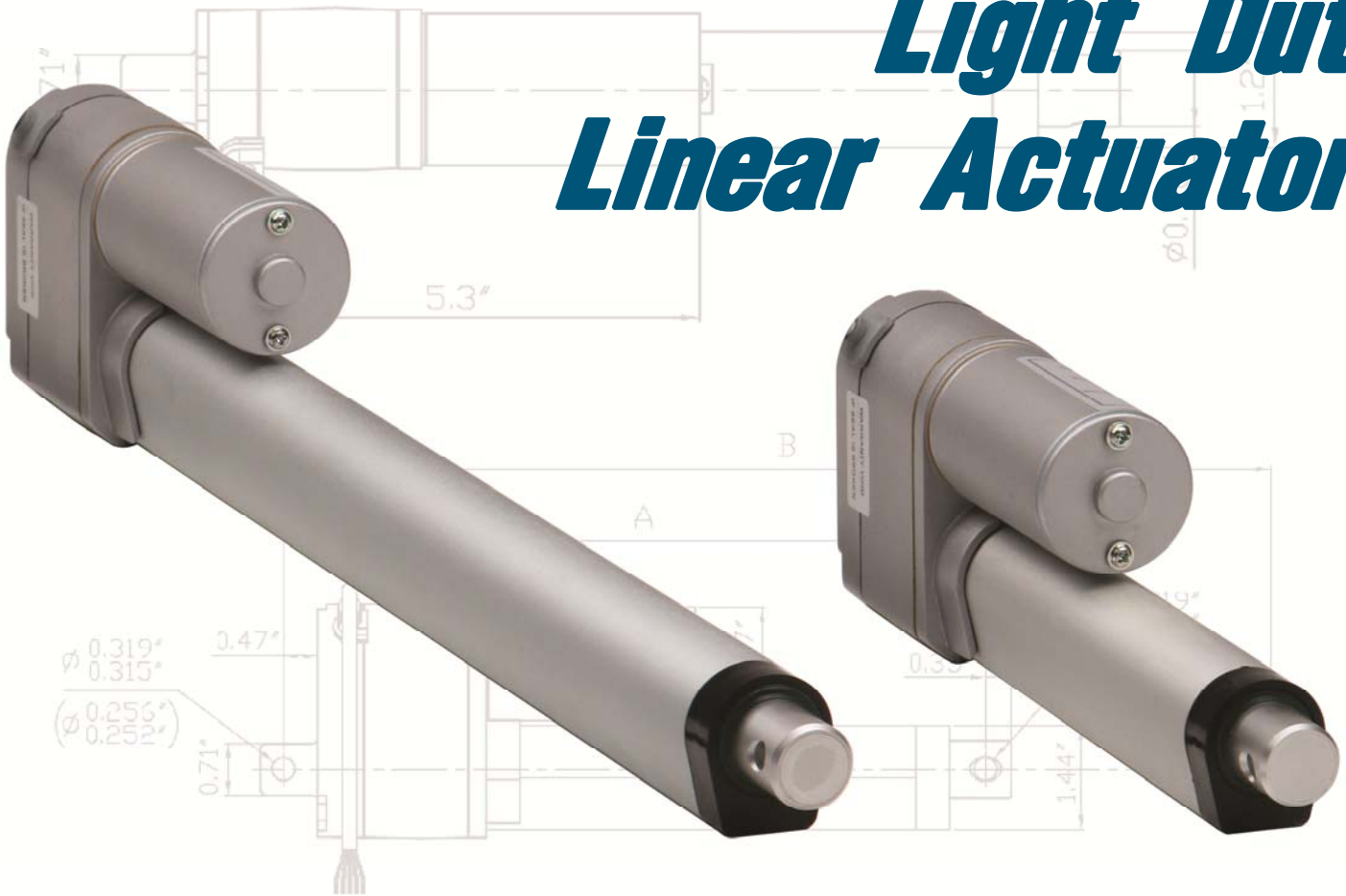


Light Duty Linear Actuators



Standard Features

- 12/24 DC Motor
- Compact Design
- Standard Preset Limit Switches
- All Aluminum Frame and Extension Tube
- Nominal Stroke Lengths: 2" [50mm], 4" [100mm], 6" [150mm], 8" [200mm], 10" [300mm] 12" [300mm]
- Duty Cycle: 25%
- Gear Ratio: 20:1 [STD]
- Working Temperature: -13F [-25C] +149F [+65C]
- Protection: IP65

Options

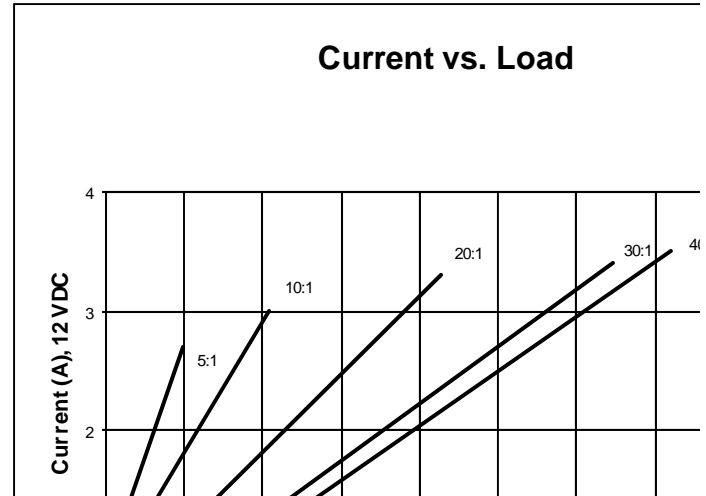
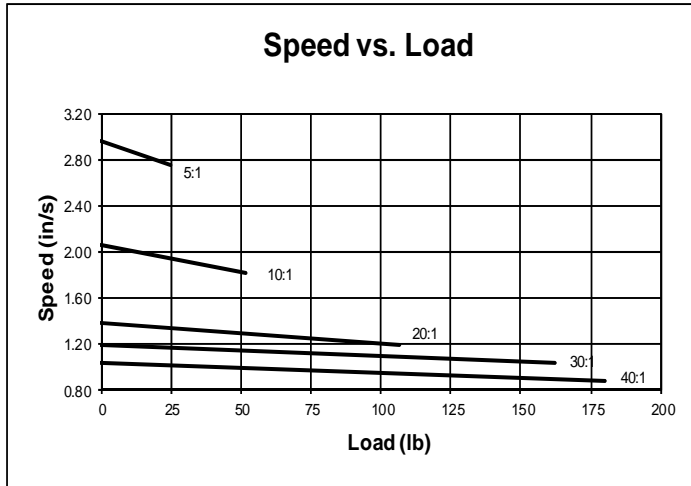
- Gear Ratios: 5:1, 10:1, 30:1, 40:1
- Potentiometer
- Hall Effect Sensor

Accessories



Performance Data

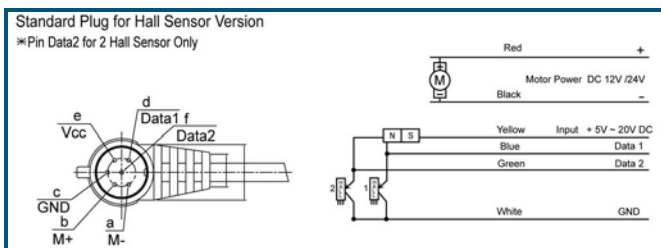
Gear Ratio	Max Load / Dynamic		Speed / No Load		Speed / Max Load	
	Newtons	Lbs [US]	mm / Sec	Inches / Sec	mm / Sec	Inches / Sec
5:1	110	25	56	2.20	50	1.96
10:1	230	52	31	1.20	25	0.98
20:1	475	107	15	0.59	10	0.39
30:1	720	162	10	0.39	5	0.19
40:1	800	180	8	0.31	3	0.12



Dimensions

Nominal Stroke	2"		4"		6"		8"		10"		12"	
	Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch
Standard Actuator												
Actual Stroke	50	1.969	100	3.937	150	5.906	200	7.874	250	9.843	300	11.811
Retracted Length	158	6.220	209	8.228	260	10.236	311	12.244	362	14.252	413	16.260
Actuator With Potentiometer												
Actual Stroke	50	1.969	100	3.937	150	5.906	200	7.874	250	9.843	300	11.811
Retracted Length	195	7.677	246	9.685	297	11.693	348	13.701	399	15.709	450	17.717

Electrical



Mechanical Connections: .25"

Value of POT	
Stroke(mm)	Resistance(Ω)
50	0.3-9.3K
100	0.3-9.7K
150	0.3-8.6K
200	0.3-9.6K
250	0.3-9.3K
300	0.3-9.3K
Remark:tolerance:±0.3K	

Red +
 Black -
 Motor Power DC 12V /24V

Yellow V input
 Blue Rs output
 White GND

