

# Industrial Duty Linear Actuators



## Ball Screw Drive System

### Standard Features

- 12/24 DC Motor
- Stainless Steel Extension Tube
- Overload Clutch
- All Aluminum Case
- Stroke Lengths: 4" [84mm], 6" [135mm], 8" [186mm], 12" [288mm], 18" [457mm], 24" [610mm]
- Duty Cycle: 25%
- Gear Ratio: 20:1 [STD]
- Working Temperature: -13F [-25C ] +149F [+65C ]
- Protection: IP65

### Options

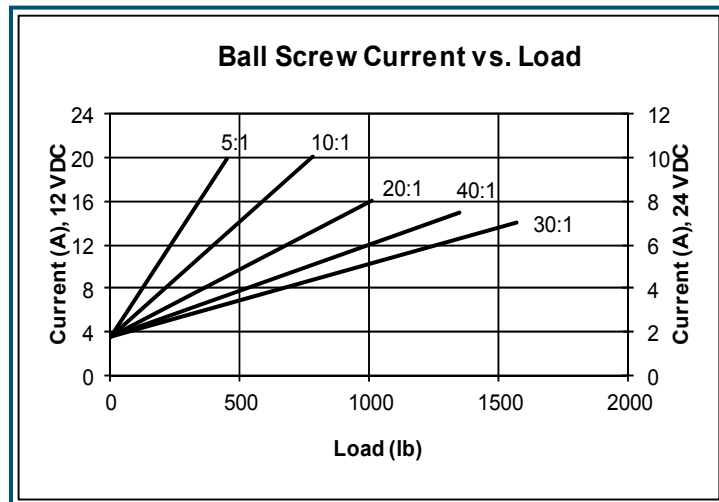
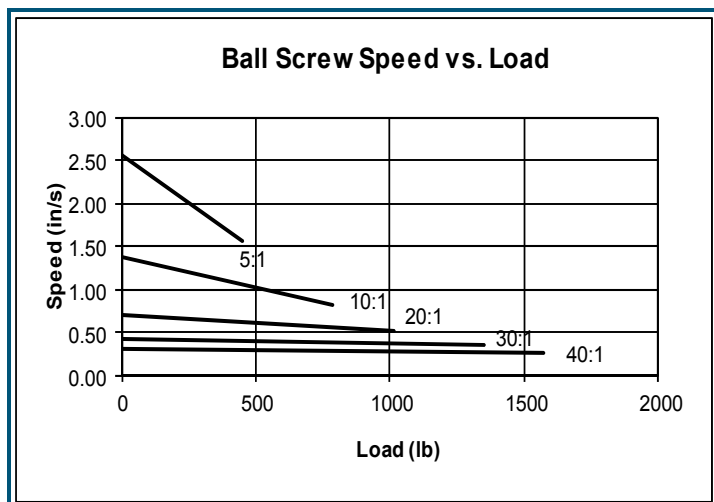
- Gear Ratios: 5:1, 10:1, 30:1, 40:1
- Adjustable Limit Switches
- Manual Drive – Hand Crank
- Potentiometer

### 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	2000	450	65	2.559	40	1.575
10:1	3500	787	35	1.378	21	0.827
20:1	4500	1012	18	0.709	13	0.512
30:1	6000	1349	11	0.433	9	0.354
40:1	7000	1574	8	0.315	7	0.276



## Dimensions

Nominal Stroke	4"		6"		8"		12"		18"		24"	
	Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch	Metric	Inch
<b>No Options</b>												
Actual Stroke +/- 2.5 mm [0.0984]	84	3.307	135	5.315	186	7.323	288	11.339	457	17.992	610	24.016
Retracted Length +/- 3mm [0.1181]	306	12.047	357	14.055	408	16.063	510	20.079	737	29.016	890	35.039
<b>With Potentiometer (Pot)</b>												
Actual Stroke +/- 2.5 mm [0.0984]	84	3.307	135	5.315	186	7.323	288	11.339	457	17.992	610	24.016
Retracted Length +/- 3mm [0.1181]	346	13.622	397	15.630	448	17.638	550	21.654	777	30.591	930	36.614
<b>With Limit Switches / and Pot</b>												
Actual Stroke +/- 2.5 mm [0.0984]	71	2.795	122	4.803	173	6.811	275	10.827	446	17.559	599	23.583
Retracted Length +/- 3mm [0.1181]	352	13.858	403	15.866	454	17.874	556	21.890	783	30.827	936	36.850

