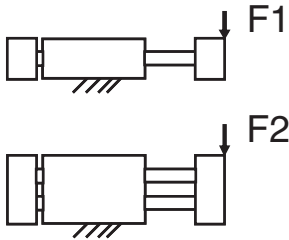


LA-1 Linear Actuator

Technical Data

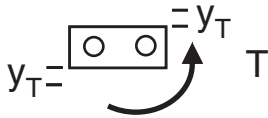
Force @ 80 psi = 14 lbs
 Repeat accuracy = +/-0.0005"
 Life expectancy = >100 million travel inches

Force diagrams below depict the load (F#) and the resultant deflection (y#) caused by that force (or torque T).



$$F1 = F2$$

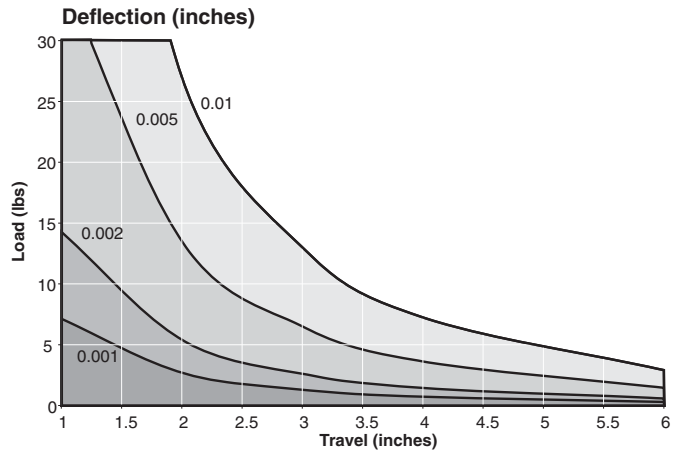
$$y1 = y2$$



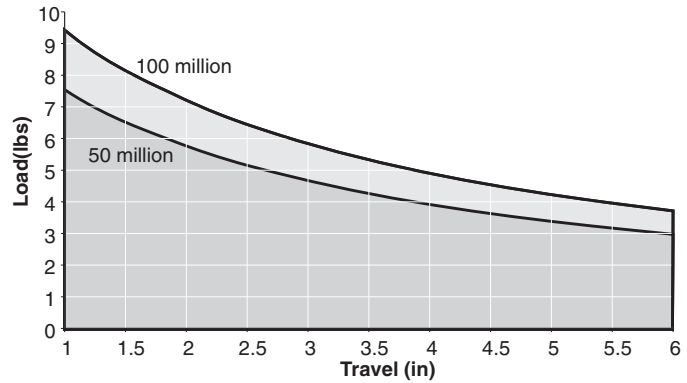
$$T = F1 * 0.88$$

$$yT = y1 * .5$$

F1 Load vs. Travel at set Deflections for the LA-1

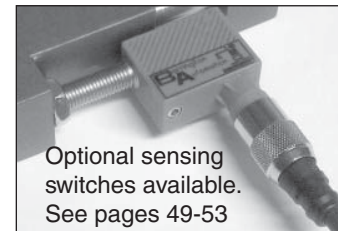


Life (millions of inches traveled) vs. Travel & Load



Options

Sensing switches are available as an option. They are mounted to the stopscrews as seen in the photo to the right. For specifications on sensing please see page 49.



Optional sensing switches available. See pages 49-53