

LA-3 Linear Actuator

Applications

B-2P Gripper mounted on the end of an LA-3 which is mounted vertically on a TSHD-4 Heavy Duty Table Slide. This application is depicted in our CMU- (Combined Motion Units) TSL43.

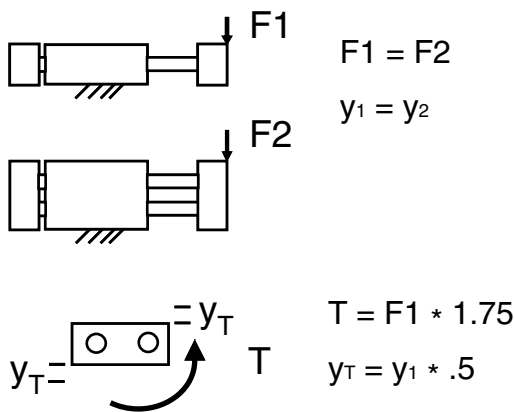


B-2S Gripper mounted on top of an RD-3 which is mounted to the end of an LA-3 as seen on the CMU-LR33.

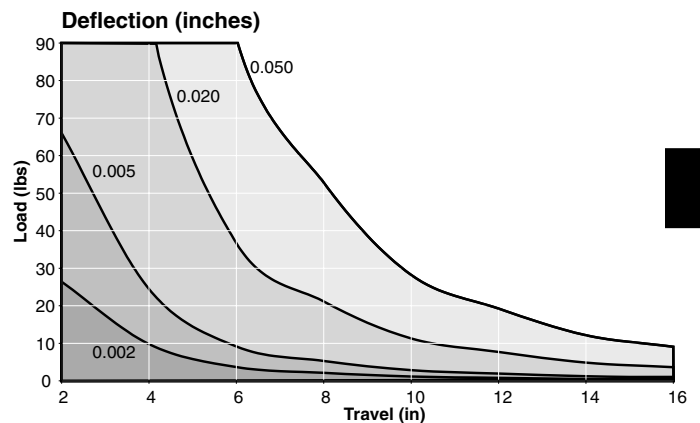
Technical Data

Force @ 80 psi = 72 lbs
 Repeat accuracy = +/-0.0005"
 Life expectancy = >100 million travel inches

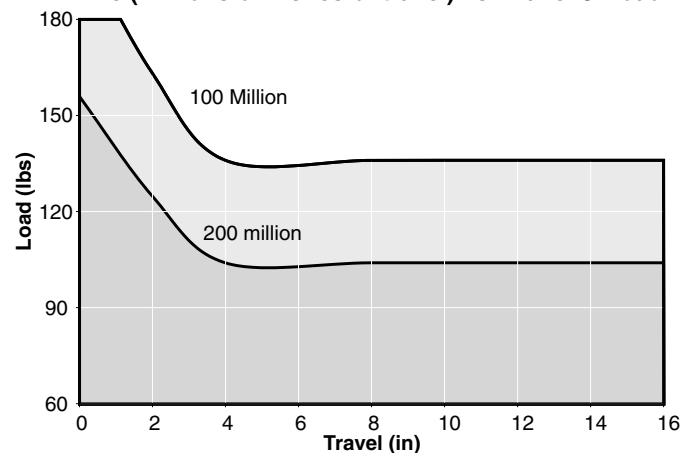
Force diagrams below depict the load (F#) and the resultant deflection (y#) caused by that force (or torque T).



F1 Load vs. Travel at set Deflections for the LA-3



Life (millions of inches of travel) 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 143.

For clean room applications the LA-3 is available with stainless steel guide rods,

stainless steel hardware, non-lube sleeve-type bushings, and nickel-plated stopscrews and shock absorbers.

