

# Download Hydraulic Actuator Design Guide

The following tables are a collection of specifications and other information for more than 50 categories of fluid power products and services. Mechanical Actuator Design Guide Engineered to last a lifetime ... Hydraulic Motor. 14 800-477-5002 [www.duffnorton.com](http://www.duffnorton.com) Idea & Applications Guide to Mechanical Actuators Capability Through Drive Methods Powered by hand crank or motor, actuators raise, lower, open, close, push, pull or adjust Design Guide DESIGN INFORMATION TIE ROD MOUNT When using tie rods extended on the rod end, the best application is a tension load. For a thrust load application, the tie rods should be extended on the blind end of the cylinder. Tie rod mounts are suited for many applications, but it should be noted that they are not as rigid as flange Since 1970 there has only been one name in the field of hydraulic, pneumatic and mechanical components and systems on which you can rely on without compromise. HKS is your specialist when it comes to unsurpassed quality, safety and performance. We develop, design and produce to the highest level to meet your demands, without exception.