QTRCO's, Objective is to build actuators that last forever. It's that simple. Our patented or patent-pending actuator designs feature the most innovative developments since actuators were invented, resulting in superior performance. />

 <h2></h2> <h2>F-Series Flat Yoke Actuators</h2> F-Series Flat Yoke Actuators are direct replacements for traditional scotch yoke actuators. Like our Q Series actuators, the design incorporates numerous considerations that simplify user installation, improve performance, and extend actuator life. Cylinders are weight-and-dimensionally balanced, eliminating a host of problems including the need for disassembly to change action from fail open to fail closed: fail action is changed simply by installing the actuator upside down. Failure-prone seals are designed out, replaced with readily available industry-standard O-rings. And bidirectional travel stops actually stop the piston motion, eliminating the considerable side loading that Yoke-located stops create. <h3>MAIN FEATURES</h3> <ul style="list-style-type: square;"> Available in Ductile Iron (FD Series) or 316 Stainless Steel (FS Series) Construction reverse action No side loading of shaft bushings, or of piston or piston rod Center of gravity on shaft axis
COG does not change with shaft rotation Bi-Directional Travel Stops, stop the pistons, not the yoke
Ii>Double or single acting Optional cylinder materials NQA1, Safety-Related <h3>Design Features</h3>
ol> Twin FLAT yoke arms eliminate shaft bushing loads and accompanying friction/wear seals except piston o-rings@which mean fewer failure points safety Remove end cap and cylinder on-site to replace piston o-ring should it ever wear, so no need to fuss with accessories as they remain mounted and untouched Travel stops stop the piston not the yoke thereby eliminating excessive end of travel stresses Body slots absorb all side loading*pistons are not pushed against cylinder walls and rod bushings are eliminated