

Series 92/93 Pneumatic Actuators



Actuator shall be of Rack & Pinion design. Actuator housing shall be extruded Anodized Aluminum. Actuator shall be totally enclosed, with no external moving parts. Housing shall be integrally ported, eliminating the need for external tubing. Output Shaft and Pinion must be of one piece and must be manufactured out of hardened alloy steel and zinc plated for corrosion protection. Actuator shall be provided with pistons that have Acetal piston guides and bearings, thus greatly extending the life of the actuator by reducing friction to the minimum. All Seals shall be Buna-N. Actuator shall have a minimum travel of 90 degrees. Actuator must be supplied with (2) independent travel stop adjustments, allowing for +/- 5 degrees in either direction. Spring Return System for 'fail-safe' applications must be installed in the same housing, with no additional components, therefore saving weight and space. Spring System shall be supplied as a self-contained spring cartridge system, for 'man-safe' handling. Springs shall be spring steel, coated for corrosion protection. Actuator shall meet NAMUR Standards (VDI/VDE 3845) for accessory mounting. All external fasteners shall be carbon steel, zinc plated. Actuator shall be factory lubricated. Actuator shall be factory tested to ensure proper operation. Actuator shall be Bray Series 92/93 or approved equal.