

Non-Spring Return Actuators

Non-spring return actuators shall be direct coupled type requiring neither crankarm nor linkage and be capable of direct mounting to a damper shaft of up to 1/2 in. diameter. The actuator shall connect directly to the damper shaft using a removable output hub coupling. This coupling shall provide concentric mounting and include an integral adjustable range-stop mechanism.

The actuator shall provide two-position, floating, or proportional control. Proportional control refers to direct acceptance of 0-10 Vdc, 2-10 Vdc, or 4-20 mA (with the use of a 500 ohm shunting resistor) input signal. Proportional control models provide a 0-10 Vdc or 2-10 Vdc feedback signal.

Actuators shall provide wiring terminals located within an integral access cover with conduit connections. Actuators shall have a rotation direction control switch accessible on the cover. Actuator shall have electronically controlled overload protection at all angles of rotation providing an absolute limit to the output torque.

Actuators shall be designed for use in either clockwise or counterclockwise operation with minimum performance of 60,000 full-stroke powered cycles at actuator rated torque and temperature, and 1,500,000 repositions as documented in the product literature. Run time shall be constant and independent of: load, temperature, and supply voltage (within specifications).

All actuators shall be UL873 and cUL (CSA22.2) listed, have a five year warranty, and be manufactured under ISO 9001 International Quality Control Standards.

Actuators shall be manufactured by Honeywell.