



NORBRO ACTUATOR - LIFE EXPECTANCY

The Norbro pneumatic actuator has been rigorously tested in our R&D department on an almost continuous basis since its conception some thirty-five years ago.

We would expect under no load conditions at least one million cycles before replacing the “soft” components (bearings and O rings) as supplied on a standard repair kit.

However, the actual working life in the “field” is difficult to establish, as there are many contributing factors that can affect the actuators life, i.e. the quality of the compressed air, ambient temperature, vibration etc.

We would recommend a visual inspection of the actuator every 250,000 operations and check for air leaks in accordance with the procedure listed in the “Installation, Operating & Maintenance Manual for 40R Pneumatic Actuators”. Should a leak or other fault be detected, then proceed in accordance with the recommendations listed in the fault finding chart in the I.O.M.

Remember the actuator life will always be maximised by using quality compressed air. We do have Norbro customers who have exceeded 14,000,000 operations and have never done any maintenance!