

## OPERATING TIPS

ContiTech air actuators offer a long service life and high levels of operational reliability and safety. This is possible only if these actuators are not merely designed correctly but also used properly. The information provided below will offer practical help to ensure that you can make the most of all the advantages of ContiTech air actuators for applications in pneumatics and for the isolation of vibrations.

- Prior to installation, check the air actuator for transport or storage damage.
- Do not fill the air actuator with compressed air until it has been correctly installed. A height limiter must be provided.
- The maximum operating pressure for the standard design is 8 bar. Reinforced products designed for up to 16 bar are available on request.
- Use the full contact area of the connecting parts to absorb the forces.
- Lateral guidance is required for the air actuators.
- Air actuators need to be deflated prior to disassembly.
- Protect the rubber bellows from contact with solvents, metal cuttings and welding sparks. We are happy to offer our advice and support in cases where special factors have an impact on the requirements. To adequately help, we require information on the material, temperature and concentration.
- SZ and RZ air actuators must be operated in accordance with the minimum pressure requirements laid out in the data sheet.
- Air actuators must not be twisted during installation and must not be subjected to torsional loads during operation.
- Air actuators may be subject to wear as a result of normal use. They must therefore be checked on a regular basis. If any cracks, blisters, embrittlements or other forms of damage become evident, the air actuator needs to be replaced.