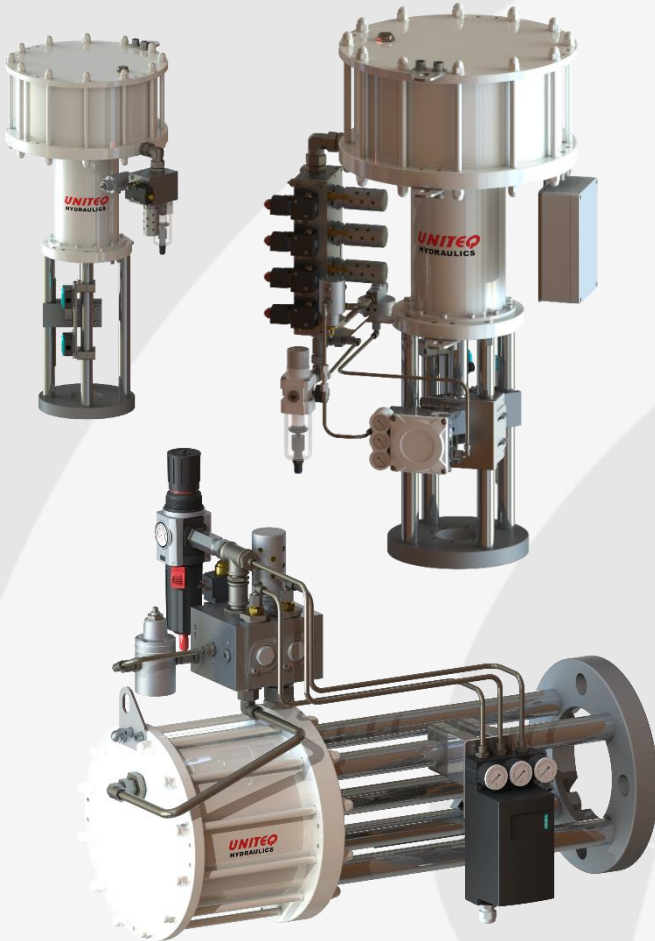


## UGA Pneumatic Piston Actuators

### FEATURES



### PERFORMANCE

- Up to 460kN
- 1oo1 / 1oo2 / 1oo3 / 2oo3 architecture
- Up to 12 bar
- Adjustment +5mm
- Stroke up to 500mm
- Fail safe time < 0.5 sec

### APPLICATION

- Open / close (O/C)
- Modulating (MO)
- Fail safe (open/close/stay-put)
- Combinations (Open/close; modulating; quick open/close; fail safe position)
- Integral manual override

### DESIGN

- PED 97/23EG
- ASME
- ATEX 94/9/EG
- Sil2 /SIL3; IEC 6105

### CONSTRUCTION

- Carbon steel double acting, or Carbon steel single acting with spring (spiral or disc)
- Carbon steel piston with dynamic high seals
- Stainless steel piston rod
- Cylinder tube inside nickel-plated
- Support spool piece (4x support rod chrome plated)
- Flange according to client specification
- Manifold control build up for solenoid and pneumatic valves
- Positioner mounted
- Booster mounted or included in manifold
- Limit switch/proximity switch mounted
- Junction box mounted
- Tubing and fittings stainless steel
- Coating according to EN-12944, up to C5

## UGA Pneumatic Piston Actuators

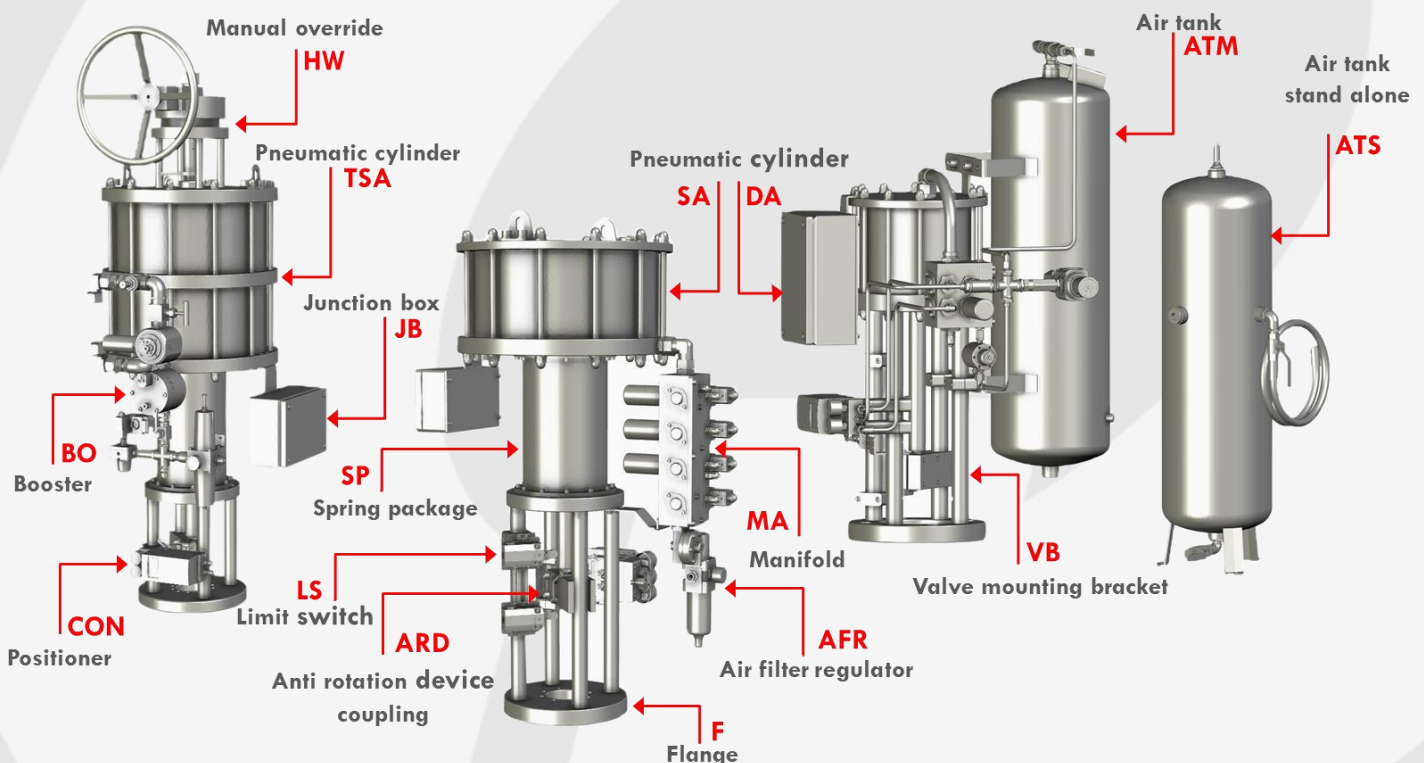
### SETUP

The actuator has a modular design, which is achieved by applying a consistent engineering design throughout our complete range. By using a compact manifold design for the actuator control, we reduce tubing and fittings which are potential leaking points.

Pneumatic cylinders, spring containers, manual overrides, manifolds, control systems and other features can be assembled in various different compositions, allowing us to customize the actuator after client specific desires.

By having modular parts on stock, actuators can be assembled and supplied within a sharp delivery time.

The modular build-up is shown below and consist out of the following main parts.



If you would like advice or a non-binding offer, please contact our sales department. They are happy to help you to make the right offer.

Our sales contact are:  
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