

The adjustment of the angle of rotation must be done with the adjusting piston released. (i.e. the rack must not touch the damping piston concerned, or the actuator must be non-pressurized).

Incorporated in the damping housing (1) is the adjusting piston (2) and the damping piston (3). To modify the angle of rotation, loosen the counter nut (7) by turning it counter clockwise with a hook-spanner or a hexagon screwdriver. Then by using a smaller hexagon screwdriver, the adjusting piston can be turned to the desired position. Subsequently, the adjusting piston can be secured by the means of the counter nut.

The angle of rotation can be set up to 30 degrees smaller at each end by means of the adjusting piston without influencing the damping (i.e. the full damping over 12 to 15 degrees is maintained).

For adjusting the damping, use the throttle screw. (Item 5)

When turning it counter clockwise, the damping will become smoother.

When turning it clockwise, the damping will become harder.

It is important to note that the damping pressure must not exceed the maximum pressure indicated in our brochure. In order to check this, remove the lock nut (25) and connect an undamped pressure gauge to the measuring connection. Check the damping pressure when the actuator is decelerating.

Important: Do not confuse the damping pressure and the operating pressure.
(The latter is indicated by a pressure gauge before the actuator).

