

IMPACT™ SPRING ASSIST

The IMPACT™ spring assist is a pneumatic device whose purpose is to increase spring closing torque on spring return actuators. This is achieved by diverting air pressure from the inner chamber to the spring chambers so that in combination with the spring force an increase in the total closing torque of the actuator is achieved. Redirecting the air pressure into the spring chamber increases the spring end torque by 50% and more.

Features

- Boost the torque of any spring return actuator
- One size down actuator for the same functionality
- Increase system reliability
- Internal breather block
- No external energy required
- NAMUR interface
- Single mechanical unit



BREATHER BLOCK

In many applications where the environment is corrosive or polluted, it is necessary to protect the actuator spring chambers and internals from sucking in external air during operation. The new NAMUR Breather Block prevents suction of external air into the spring chambers. This is achieved by redirecting the instrumentation air that is supplied to the actuator's spring chamber during the spring stroke thus preventing external air from being sucked in. The Breather Block exhaust port has a filter which prevents infiltration of foreign substances and can also be fitted with a speed controller.

Features

- Extended life in harsh service
- Maintenance free
- Isolates the actuator from the surroundings
- Operating limits: pressures up to 10 bar (150 psi) and temperature range of -20 °C to +85 °C (-4 °F to +185 °F)

