



**AKO Armaturen & Separationstechnik GmbH**

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#### **Company profile:**

AKO Armaturen & Separationstechnik GmbH is a German company founded in 1984 with production in Germany and France. The company is now working with 30 national representatives and is able to offer its service all over the world. Longterm, efficient customer relations are among AKO's success factors.

**AKO is a manufacturer of pinch valves** and has successfully placed their products in the market for three decades.

The principle of the **pinch valve** is simple: Supplying compressed air into the casing of the air operated Pinch Valve compresses the sleeve. The body's design guarantees that the pinch valve sleeve can close freely to form a lip shape. This ensures that the product flow is completely sealed off tight and that the sleeve is guaranteed the longest service life at the same time. This closes the pneumatic pinch valve and completely seals off the flow of the product. As soon as the supply of compressed air is interrupted and the Valve casing is vented or drained, the specially manufactured sleeve is opened by its rebound resilience, enabling the pressure in the medium to flow through the full passage of the Pinch Valves.

With the help of detailed assembly instructions and new assembly videos, the pinch valve sleeve can easily be replaced by the customer on site (<http://www.pinch-valve.com/en/products/assembly-videos.html>). Short production downtime remains therefore guaranteed.

#### **BENEFITS OF AIR PINCH VALVES:**

100 % clear product flow, low resistance, leak-free, no plugging and an extremely light construction are only some of the advantages of an AKO Pinch Valve.

#### **LIFETIME STUDIES**

depending on working conditions, may vary **up to 1.000.000 cycles**.

AKO's valves and fittings are specially designed for isolating and regulating abrasive, fibrous and corrosive media. It goes without saying that other media can also be controlled or regulated by AKO fittings.

AKO's customers come from industrial sectors such as chemicals, foodstuffs, paper, power plant and recycling technology, waste water treatment and in particular in the minerals handling, cement, sand and silo engineering sectors.

Very high inventory levels and fast response to our customers allow for a rapid, comprehensive and customer-friendly service.



#### **MANUFACTURING- /DELIVERY PROGRAMME:**

- Pinch Valves
- Air operated Pinch Valves
- Manual and Control Pinch Valves
- Threaded hose nozzles
- Sleeves for Pinch Valves
- Knife Gate Valves
- Pressure Relief Valves
- Pipe Manometer
- Aerator Pads
- Accessories



#### **Pinch valves in food grade & Ex version**

AKO also offers special aseptic and hygienic pinch valve designs for use in food, pharmaceutical & chemical industries as well as conductive valve designs for hazardous areas.

For further information please visit our website.

If you have any questions, please do not hesitate to contact us.