

Efficient sugar production – Minimum downtime time thanks to InterApp valves

Südzucker AG, plant Offenau –
Case Study Life science





Desponia® butterfly valves

elastomer-lined, for demanding applications

Bianca butterfly valves

PTFE-lined, for most aggressive applications

Knife gate valves

uni-directional and bi-directional, for solids handling

Actuators

manual, pneumatic or electric



Reliable valve solutions for beets preparation, extraction, evaporation, centrifuges, and steam generation as well as carbon capture.

Südzucker AG, headquartered in Mannheim, stands as the flagship company and parent organisation of the Südzucker Group, which is structured into five diverse segments: sugar, special products, CropEnergies, starch, and fruit. The company is adept at transforming agricultural raw materials into an array of high-quality products, primarily targeting both industrial customers and end consumers. The product range extends beyond food items to include animal feed and various other goods for sectors across both food and non-food industries. A crucial aspect of Südzucker's operations is the complete and efficient utilisation and refinement of these raw materials.

Effective maintenance of production facilities as well as reliable production cycles are vital to avoid any interruptions during peak manufacturing periods. In response to this need, the Südzucker AG plant of Offenau has integrated InterApp butterfly valves into its operational framework due to the valves' high reliability and ease of maintenance.

InterApp has supplied an extensive range of valves. These include:

- Bianca butterfly valves from DN 50 to DN 200, for handling chemicals
- Desponia® butterfly valves from DN 50 to DN 1000, for various processes such as vapour generation, evaporation, etc
- Desponia® plus butterfly valves from DN 50 to DN 500, used in evaporation syrups and vacuum
- Knife gate valves from DN 150 to DN 700, used in beet processing and centrifugation
- Rhea swing check valve: from DN 100 to DN 300 for use in biogas plants and pump protection

Both manual and pneumatic actuators are used, ensuring optimal functionality and automation.

This collaboration not only strengthens Südzucker's operational integrity, but also ensures compliance with the highest quality and safety standards throughout the year. InterApp sees itself as a partner and is working with Südzucker to find solutions to further optimise the plant, underlining Südzucker and InterApp's shared commitment to reliability and sustainability in the production processes.



Switzerland

Spain

Italy

Austria

Germany

Poland

USA

China

South Korea

Great Britain

Denmark

Middle East

Singapore

Australia

Chile



InterApp is a subsidiary of the international AVK Group and develops, produces and distributes valves and valve systems. As a customer-focused technology and project management company, InterApp supplies the most innovative fluid technology solutions for the most sophisticated applications and industry sectors in the world.