



# Case Study

## Large valves with ATEX certification



### The right valve for the right job

Working in collaboration, creating tailored solutions,  
engineered for safety.

#### • The Application:

- Our customer was looking for a large Rotary Valve to handle up to 100,000 kilograms of animal feed an hour.
- Because of the environment that the valves would be installed in, they were required to be ATEX category 3 certified.

#### • The requirement:

- To supply an ATEX certified valve capable of handling up to 100 tonnes of product an hour.

#### • The solution:

- Our 750mm rotary valve running at 12rpm could handle this volume with ease. We fitted a ten vane rotor with adjustable, abrasion resistant tips and stiffeners to provide tight tolerances.
- Together with an ATEX certified motor, the valve is certified for zone 20 internally and zone 22 externally.

#### • The result:

- A heavy duty rotary valve with high throughput and meeting stringent ATEX safety requirements.

