

# RSV<sup>®</sup> FAST SHUTTING GATE VALVE

## General data sheet

### Application

RSV fast shutting gate valves prevent explosion propagation from dust, gas or hybrid mixture explosions by blocking the shock wave and flame. RSV fast shutting gate valves are active valves closing in a matter of milliseconds when triggered by a spark or explosion detector. They are used in a variety of industrial applications and typically protect dryers, mills, filters, cyclones, pneumatic conveying lines, so with high dust loads. The RSV also meets the highest hygiene requirements in food and pharmaceutical applications.

### RSV features

- ◆ Short installation distance due to quick closing time
- ◆ Suitable for conveying pipes carrying high product loads
- ◆ Product contact parts SS 1.4301 (AISI304) or 1.4404 (AISI 316)
- ◆ Durability thanks to selected materials
- ◆ No pressure drop due to free slide passage
- ◆ Installation in any preferred position
- ◆ Due to its design, outer housing insensitive to dirt
- ◆ Optimal cleanability thanks to IP65 protection class
- ◆ ATEX 2014/34/EU en EN 15089

### Versions and sizes:

- ◆ RSV-D: Dust version (DN50-DN500; dual acting)  
Suitable for underpressure.
- ◆ RSV-G: Gas version (DN50-DN400; dual acting)  
Suitable for under and overpressure.
- ◆ RSV-P: Pharma version (DN50-DN200; dual acting)  
Suitable for under and overpressure.

### Maintenance and revision

Contact StuvEx for regular maintenance and revision of your RSV slide valve. StuvEx is an (by producer) certified repair center for RSV slide valves.

