



scheuch
COMPONENTS

ROTARY VALVES

ZSL, ZSS, ZSS-CK, ZSM AND ZSG

ROTARY VALVES FOR A SAFE AND CONTROLLED DISCHARGE

Rotary valves from Scheuch COMPONENTS facilitate the controlled discharge and metering of materials in granular or powder form, such as dust, chips and fibrous bulk materials. Since 1980, we have been manufacturing over 1,800 rotary valves annually in Auroldmünster. A range of designs are available to suit various requirements, with throughput volumes to accommodate every case.

Our rotary valves are type-examined to Directive 2014/34/EU and are therefore resistant to ignition and flame penetration. Accordingly, they guarantee the explosion-proof decoupling of key plant components.

TYPE ZSL

This type is suitable for free-flowing dust, high-volume chips and light fibres. The ZSL has rotor blades with antistatic, elastic sealing lips which are built into a bolted casing.

Max. differential pressure: 8,000 Pa
Throughput volume: 35 to 9,122 m³/h



TYPE ZSS AND ZSS-CK

The ZSS is suitable for the use of non-metallic chips as well as for free-flowing dust with hard and fine graining. The casing is manufactured as a solid welded construction and the casing bore is hard chrome-plated. The adjustable strips of the wear-resistant rotor made from steel can be adapted to the respective goods being conveyed.

The ZSS-CK is certified for coal dust as a conveyed medium. Due to the smouldering characteristics of coal dust, the design has been adjusted accordingly.

Max. differential pressure: 80,000 Pa or 30,000 Pa
Throughput volume: 25 to 830 m³/h or 254 m³/h



TYPE ZSM

With a casing manufactured as a solid welded construction in high-strength steel and a rotor made from wear-resistant steel, the ZSM rotary valve is the most robust of the rotary valves. This type is suitable for free-flowing dust and high-volume wood chips. Blades on the inlet and outlet of the valve enable larger pieces of wood present in the goods being conveyed to be chopped off.

Max. differential pressure: 80,000 Pa
Throughput volume: 120 to 2,625 m³/h



TYPE ZSG

The ZSG type is used for free-flowing dust with both hard and fine graining. In the standard design, the casing and full-blade rotor are made from cast iron. Scheuch COMPONENTS offers various strip designs for the rotor depending on the goods being conveyed.

Max. differential pressure: 25,000 Pa
Throughput volume: 7.5 to 15 m³/h



For more information, visit
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