

Rotary Valves | Accessories

ROTARY VALVES ACCESSORIES

_ For optimising our rotary valves for your applications



LEAKAGE GAS COLLECTOR

- _ Compact design for effective venting of the leakage gas for rotary valves for powders
- _ Allows high conveying capacity
- _ Ensures product flow into the rotary valve in applications with long silo outlet gravity pipes or reduced inlet cross-section



LEAKAGE GAS SEPARATOR

- _ Conical hopper for effective separation of the product from the leakage gas stream at pre-dosed operation of the rotary valve
- _ To depressurise the upstream metering system
- _ Allows discharging of leakage gas directly into a central dedusting system

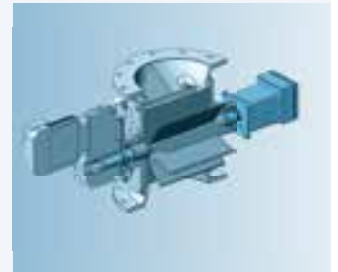


SPEED MONITOR

- _ For monitoring valve operation and rotor speed
- _ Execution for application in Ex-Zones (ATEX) available

**CONTACT CONTROL
ROTORCHECK®**

- _ Intelligent electronic device for continuous monitoring of undesirable contact between rotor and housing
- _ Prevents metal product contamination caused by seizing
- _ Protects from serious damage to the rotary valve
- _ Execution for application in Ex-Zones (ATEX) available



DIRECT DRIVE*

- _ Compact, easy to assemble drive
- _ Without chain overdrive and without clutch, therefore sanitary and easy to maintain
- _ Smooth, quiet operation



CHAIN DRIVE*

- _ Side-mounted drive with chain overdrive
- _ Subsequent speed adjustment possible by exchange of chain sprocket
- _ Suitable for high product temperatures



* All drives available for operation with frequency converter and as execution for application in Ex-Zones (ATEX)

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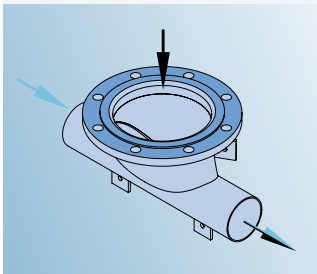
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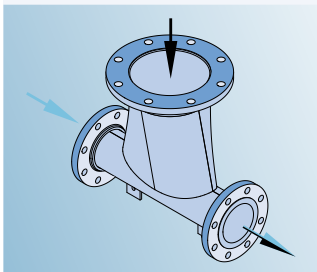
GAS PURGE SYSTEM

- _ Gas purged labyrinth ring to protect the shaft seal at powder applications
- _ Completely mounted with piping
- _ Recommended in case of system pressure and for sanitary applications



FEEDING SHOE FOR DILUTE PHASE CONVEYING

- _ Guarantees optimal feed of powders and pellets into the conveying pipe
- _ Design optimised for low pressure drop
- _ Various connecting nominal diameters available for each size, optional connecting flange at conveying pipe



FEEDING SHOE FOR SLOW-MOTION CONVEYING

- _ Guarantees optimal feed of pellets into the conveying pipe even at low conveying gas velocities
- _ Supports formation of plugs for stable conveying states
- _ Pressure range up 3.5 barg

HEATED HOUSING

- _ Heating with steam or circulated thermo-oil inside the housing up to 220°C
- _ For heating the rotary valve at product temperatures higher than 120°C
- _ Minimises leakage gas rates
- _ Optimised heat transfer for short pre-heating times



FEEDING STATIONS RCG AND FFZ

- _ Feeding station for dense phase conveying ROTORCONVEYOR® RCG or for dilute phase conveying FFZ
- _ Complete feeding station, supplied with rotary valve, feeding shoe and support stand, fully assembled and ready-to-install (options e.g. butterfly valve)
- _ Easy integration into conveying systems possible

