Dustproof locking of powdery to granular bulk solids, with varying flange dimensions, as an emergency slide, e.g. for maintenance, and as an operating slide, measurement fabrication

Type FSP, pneumatically actuated

Advantages:
- Stable, sturdy design
- Less installation height: 100 or 140 mm
- Adjustable seal of the slide plate passage
- Easy-to-maintain due to the easily accessible operating space (removable cover)
solids Slide Gate
Types FSH, FSP, FSE

Pressure-tight version, with a pneumatically inflatable sealing

Detail: pneumatically inflatable sealing

Characteristics:
- Pressure-tight up to 3 bar
- Any cross-section is possible
- Fail-safe due to a built-in control with pneumatic complete installation
- Carbon steel and stainless steel available
- Option: gastight to the outside
Assembly and function:
The slide gate is used for dustproof and pressure-tight shutting of the outlets of bulk solids hoppers.
The slide plate is moved horizontally using a pneumatic cylinder. After moving the slide plate to the closing position, the pneumatically pressable gasket is actuated to achieve pressure-tightness. The slide passage is sealed using adjustable packing glands.
Slide gate, type FSH, manually operated

Slide gate, type FSE, electrically actuated