solids Vibration Dosing Screw
Type DSV

Safe metering with optimum filling, low-pulsation, high accuracy, no bridging in the inlet area

Advantages:
- Can be used globally, even for difficult bulk solids
- High accuracy and constancy
- Suitable for the smallest of volumes
- Extendable with weighing
- Complete solution with a control unit
- Low maintenance
Characteristics:

- The flap valve prevents the product from trickling down after stopping the metering.
- Screw flight with progressive pitch.
- The screw flight and the gear can be dismantled and pulled out easily.
- Product inlet.
- Product outlet.
- Entry in the pneumatic conveying pipeline.
- Radial shaft sealing rings.
- Bearing in the gear.

Sizes:
Nominal diameter of flight: 80, 100, 150 mm
Conveying lengths: 500 - 2000 mm
Volumetric metering rate: approximately 10 - 3000 dm³/h
Discharge from a vessel or a silo, and volumetric or gravimetric metering of bulk solids.
Drums, containers or other casks can be filled.

Advantages:
- Reliable and universal discharging and metering system
- High operational safety due to the sturdy design of components and avoidance of bridging
- Quick product change and therefore low cleaning cost
- Excellent metering constancy due to the optimum filling of the metering equipment
- Low-pulsation metering flow
Characteristics of the vibrating cone, type EVS:
- Vibration resistant angular ring design
- Optional for bolting at the vessel
- Nominal diameter 600, 900 or 1200mm
- Flexible suspensions prevent the transmission of vibrations to the supporting structure

Combination of the vibrating cone type EVS with the vibration metering screw Type DSV:
- Vibrated using a vibrating cone, therefore better filling in the inlet area of the screw, and constant and reliable metering
- Can be dismantled quickly and cleaned easily