

solids Vibration Bin Discharger Type EVK



Using mass flow for silo discharge avoids dead zones and particle segregation, permits high loads



Advantages:

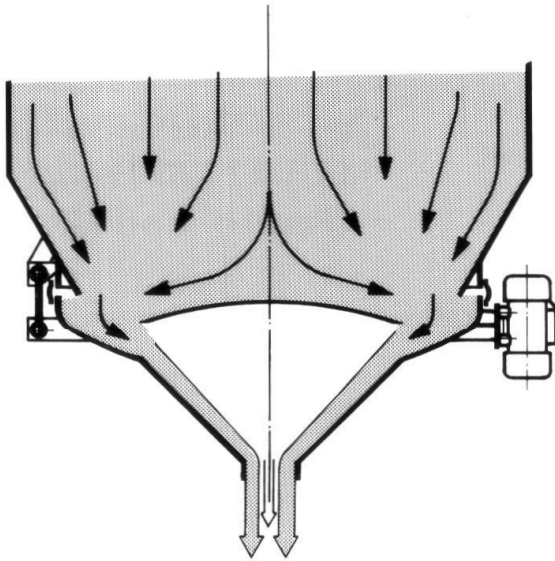
- Reliable discharging of difficult bulk solids
- Uniform material movement across the entire width of the silo
- No segregation
- Perfect mass flow without dead zones
- No bridging
- Gentle handling of the material to be discharged, without particle degradation
- Improved dosing precision

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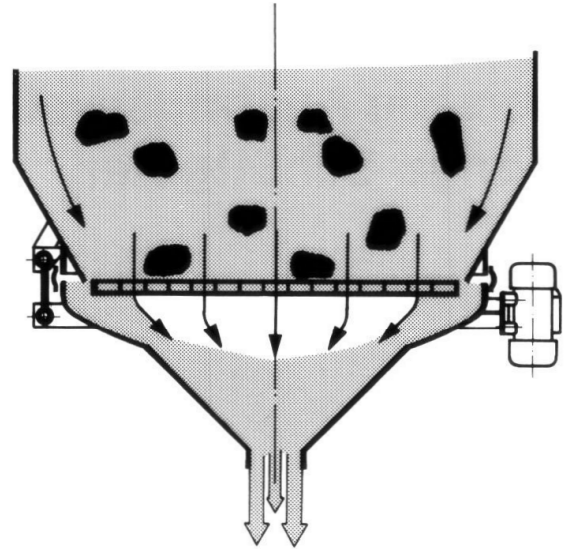


solids Vibration Bin Discharger

Type EVK



Uniform material movement in the entire silo when mass flow is used instead of core flow



Size reduction of lumps and agglomerates by means of integrated vibration screen

Function:

Horizontal vibrations, generated by an unbalanced motor, are transferred to the particle mass. The particles are accelerated; they collide and repel each other. This frees particles that have clogged together, and the bulk-solid is then capable of flowing.

Sizes: Ø 1200, 1500, 1800, 2100, 2400, 3000, 3600 mm

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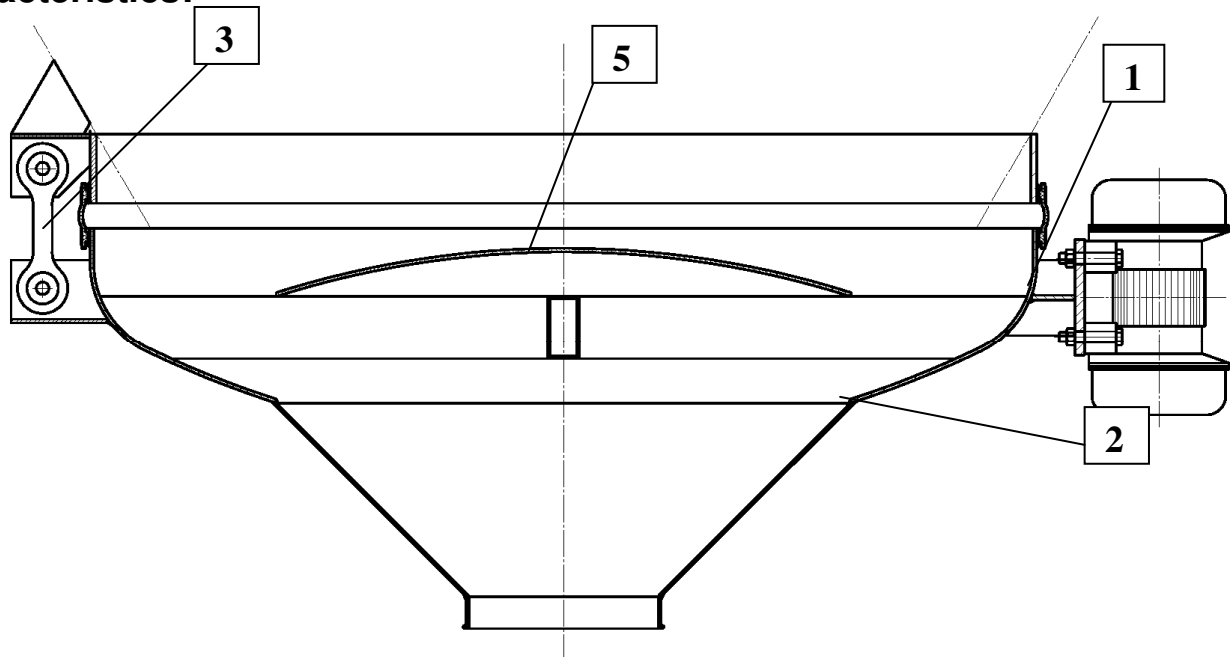
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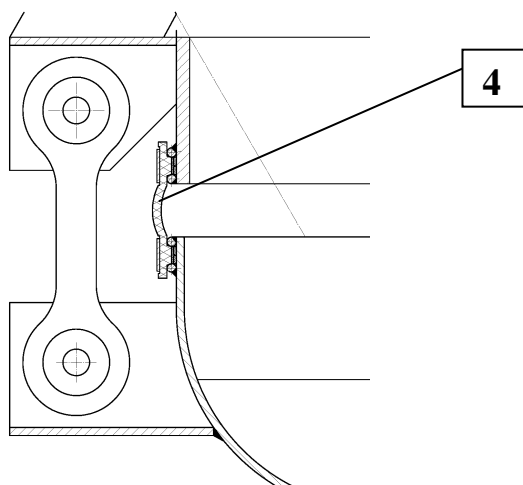
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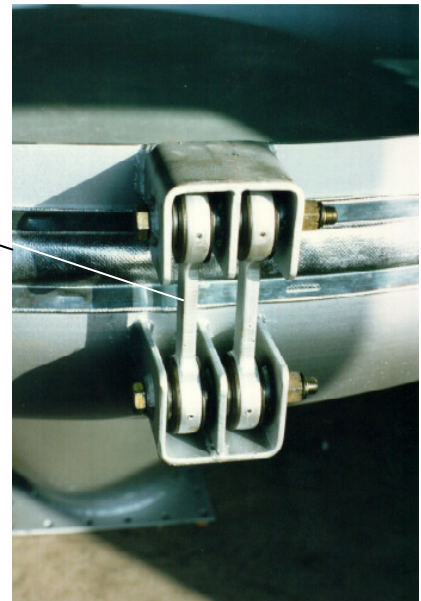
Characteristics:



1. Stable, vibration-resistant design, e.g. longitudinal and transverse ribs, especially in the drive section
2. Stable weld joints, fully penetrated and counter-weld
3. Suspension is both fall-safe and resilient to vibrations, by means of break-proof, forged hangers
4. A special profile collar, form-fit and dust-proof, connects the vibrating bottom with the rigid weld-on ring of the silo
5. Load-relief at the outlet



Detail: Hanger and Profile Collar



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