



# Datasheet solids - Vibration Cone EVS-Clean



## Operating conditions:

Permissible operating pressure: atmospheric up to 0.5 bar g

Max. temperature: 150° C

Bulk solids data:

Particle size: Powdered, granular till lumpy, up to medium hardness

For limited flowing up to difficult flowing products

Type	Inlet Ø / Minimum outlet Ø	Maximum height	Power	Minimum number of hangers	Weight
<b>EVS06000C01</b>	600/150 mm	550 mm	0,16 kW	4 simple	100 kg
<b>EVS09000C01</b>	900/150 mm	695 mm	0,16 kW	4 simple	160 kg
<b>EVS12000C01</b>	1200/150 mm	845 mm	0,30 kW	4 simple	200 kg

## Basical version:

Welded steel construction - stainless steel 1.4306

Upper ring to be welded to the silo

Horizontal vibrating lower part consisting of:  
cone, deflector, outlet with discharge plate  
and support for vibrator

Flat and dust-proof collar of FDA-  
conformed white silicone, which connects  
the vibrating cone with the rigid weld-on  
ring of the silo.

Crash-proof and resilient to vibrations  
elastic suspension through unbreakable  
hangers.

Oscillation drive with vibrating motor  
230/400V IP65

Surface treatment:

All welds pickled or brushed

Complete component passivated



This is not an equipment according ATEX-directive 2014/34/EU, but in contact with product (inside) usable in the zones 20-21-22. Additional electrical parts must be approved for the chosen ATEX-zone.

Freigabe:	MIGSA	SST	H. Linder			
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Preliminary  
modifications reserved



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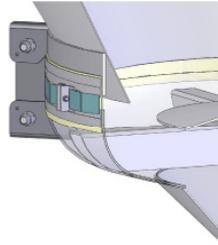


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## Options:

1. Resistant to pressure shock of 1 bar g and ventilation of the silo with reinforcing belt made of polyester and turnbuckle.



2. Different outlet diameter from the minimum: Ø200, Ø250, Ø300, Ø350, with the corresponding height.

3. Flange for bolting onto the silo with screws and gasket.



4. Outlet with flange PN10 or PN 6.



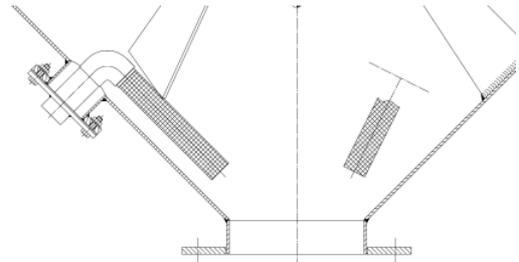
5. With vibrating grate for reduction of agglomerates, minimum hole size 50x50mm.



6. With vibrant conical deflector



7. For very difficult to non-flowing products; with 3 aeration stick made of porous stainless steel, quick dismantling for cleaning. With pipeline and electropneumatic installation.



8. Completely made of 1.4404, hangers made of carbon steel galvanised

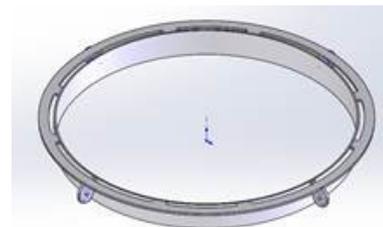
9. Completely made of 1.4571, hangers made of carbon steel galvanised

10. Electric motor brake device for installation in the control cabinet.

11. Motor Zone 1/21.

12. ---

13. Suitable for vacuum up to 0,2 bar abs, with reinforced welding ring and special collar made of silicon with glass fibre reinforced and discs made of teflon at the hangers



14. Screwed coupling 1 1/2" in the cone for level switch

## Related documents:

3D-Part: Type.step (example: **EVS12000C01**. Step)

2D-planning drawing: Type.dxf (example: **EVS12000C01**. dxf)

Selection criteria: SG-EVK-EVS

Pricelist: PL-EVK-Basic



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