



# Datasheet

## solids - Vacuum Scale

### SVG-13-Clean



### Operating conditions:

Permissible operating pressure: atmospheric till minus 800 mbar

Max. temperature: 40° C

Bulk solids data:

Particle size: Powdered till granulates, up to medium hardness,

Fluidity: medium fluidity

Type	Inlet Ø / Outlet Ø	Height	geom. Volume	Weighing range netto	Weight	Resolution
<b>SVG07013C01</b>	* 50/300 mm	2640 mm	700 dm <sup>3</sup>	1000 kg	500 kg	100 g
<b>SVG12013C01</b>	* 50/300 mm	3040 mm	1200 dm <sup>3</sup>	2000 kg	580 kg	100 g
<b>SVG17013C01</b>	* 50/300 mm	3440 mm	1700 dm <sup>3</sup>	2000 kg	660 kg	200 g
<b>SVG22013C01</b>	* 50/300 mm	3840 mm	2200 dm <sup>3</sup>	4000 kg	740 kg	200 g

\* different outlet Ø see options

### Basical version

Welded steel construction - stainless steel 1.4306

Vacuum vessel with tangential product inlet

Outlet with a disc valve type DKA300,  
pneumatically operated

Pressure relief valve +100 mbar

High-performance separator with filter elements in  
the upper part with pneumatic cleaning and  
Control

Stable weighing frame made of profile steel tube  
to accommodate 3 weighing modules, accuracy  
class C3. The weighing modules include load cell,  
force transmission and mounting parts. All  
connections of the container (bulk solids,  
pneumatic, electrical) are optimized, without  
secondary paths of force.

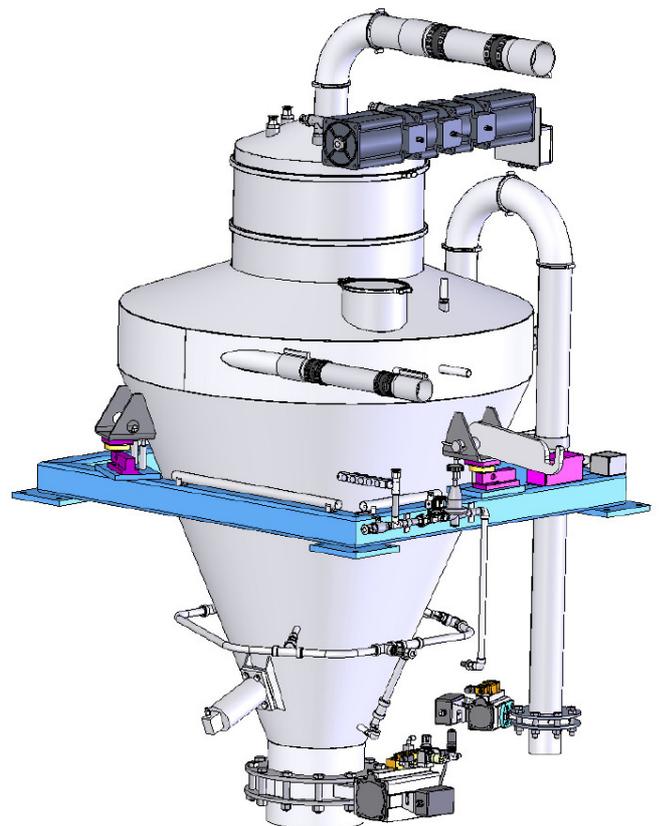
Pendulum air pipe DN100, with pneumatically  
operated disc valve type DKA

Suitable inside for zone 20

Surface treatment: Pickled or brushed and  
passivated

Surface treatment carbon steel parts:

Chemical stripped, primer 40 µm zinc phosphate,  
top coat 40 µm 2-component polyurethane,  
RAL5012 blue



approval:	MIGSA	SST	H. Linder
Date:	Sign:	Date:	Sign:
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Preliminary  
modifications reserved

**solids solutions group**  
[www.solids.eu](http://www.solids.eu)



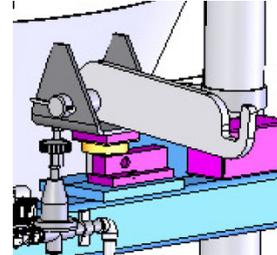
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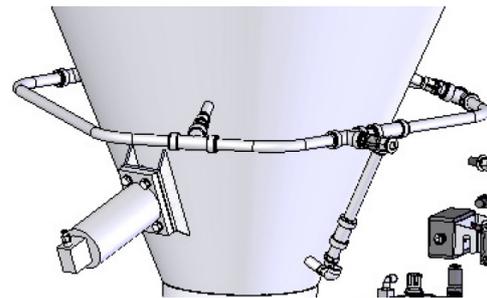
## Options:

1. Parts in contact with the product made of 1.4404
2. Parts in contact with the product made of 1.4571
3. Electrical components outside suitable for Zone 2/22, with earthing
4. Electrical components outside suitable for Zone 1/21, with earthing
5. Different inlet Ø:  
Ø65 with the corresponding extension of the High-performance separator  
Ø80 with the corresponding extension of the High-performance separator
6. Filter option for cohesive products:  
Inlet Ø50 with the corresponding high-performance separator  
Inlet Ø65 with the corresponding extension of the High-performance separator  
Inlet Ø80 with the corresponding extension of the High-performance separator
7. Connector with compensator DN300, 250, 200, 150

8. Device and balance with test weights



9. Wiring to terminal box
10. Full level indicator as additional overflow protection
11. Discharge aid: ventilation with Vibrapads including pneumatic installation



12. Pneumatic knocker on the cone with his installation
13. Vibrator at the outlet
14. Discharge aid: vibrating cone type EVS900
15. Wear protection for hardness > 4

## Related documents:

3D-Part: Type.step (example: **SVG07013C01**. Step)  
2D-planning drawing: **SVG07013C01**. dxf)  
Selection criteria: SG-SVG  
Pricelist: PL-SVG-13-Clean