



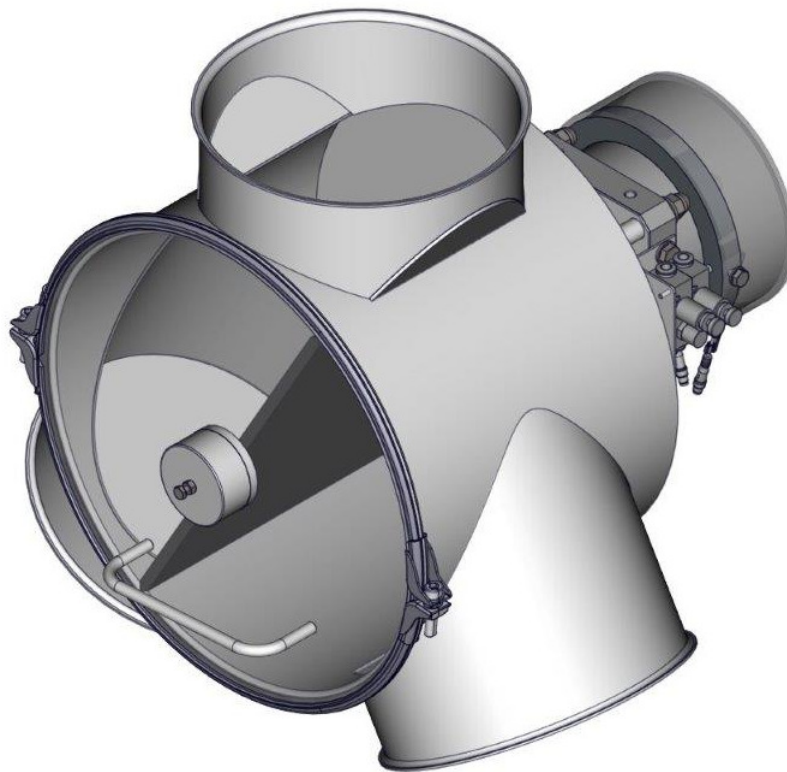
**Datasheet**  
**solids – Diverter Flap**  
 VDP-Hygienic-Dry



**Hygienic-Dry Design acc. to EHEDG-Guidelines for dry processes with dry-cleaning system**

**Operation purpose:**

**Switching the bulk solids flow in a downstream pipe**



**Advantages:**

- fulfills 2006/42/EC Machinery directive and GMP-requirements
- easy to dismantle, easy to clean by removable housing cover with quick clamping ring and plug-in flap
- easy, cost-efficient assembling
- flap easy to dismantle without tool
- self-cleaning by twisting the flap over 270°

approval:	MIGSA	SST	H. Linder	
	Date:	Sign:	Date:	Sign:

Preliminary  
modifications reserved



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# Datasheet

## solids – Diverter Flap

### VDP-Hygienic-Dry



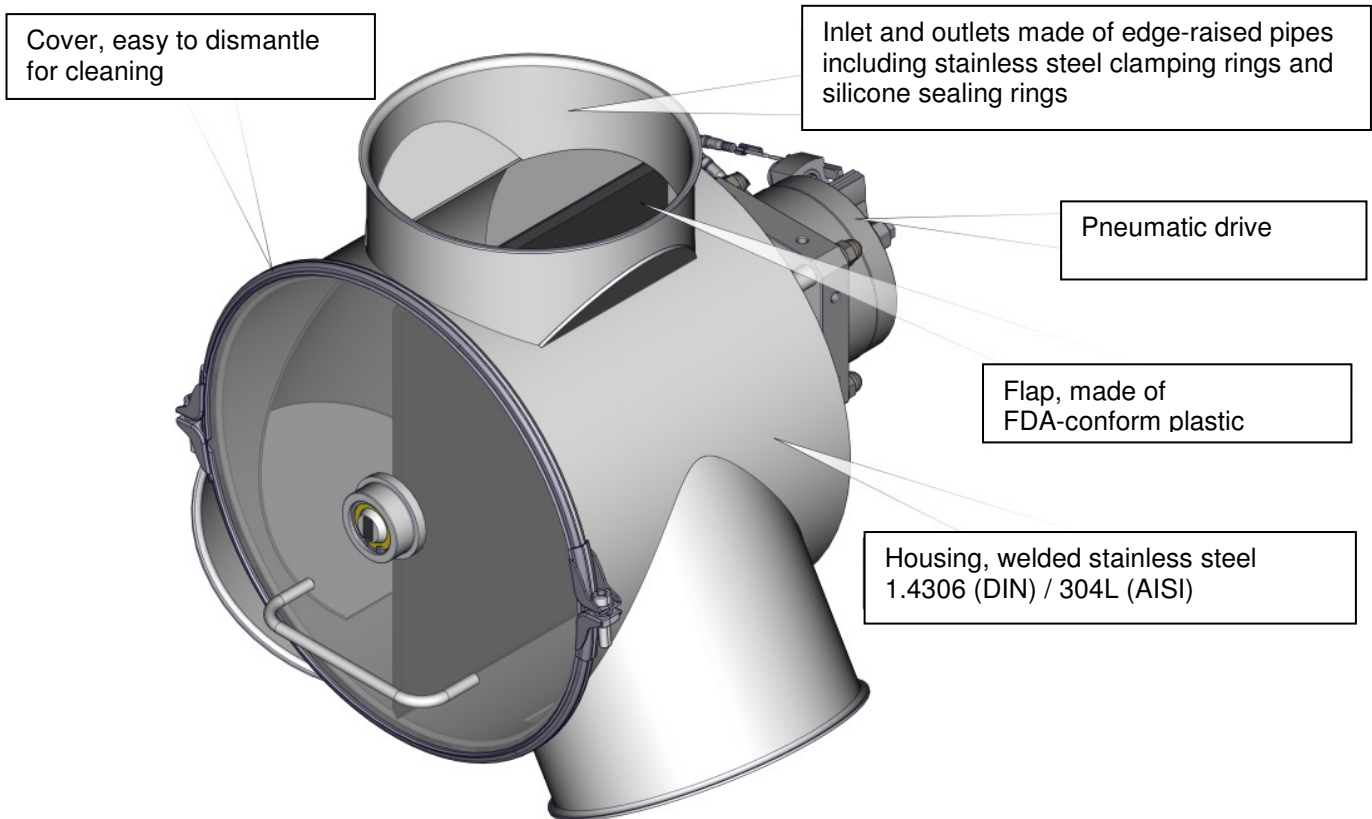
#### Operating conditions:

- Permissible operation pressure: atmospheric up to 0,1 bar g
- Product temperature max.: 80°C
- Max./min. ambient temperature:  $-10\text{ °C} \leq T \leq 50\text{ °C}$
- Solid to bulk data: powders, medium hardness, free flowing up to limited flowing products

Type	Inlet-/outlet-Ø (mm)	Height (mm)	Weight (KG)
VDP15YD01	150	330	10
VDP20YD01	200	430	17
VDP25YD01	250	520	23

#### Basical version:

- Fulfills 2006/42/EC machine directive with appendix 1 chapter 2.1. food machines, EHEDG-Guidelines, as well as GMP- requirements for intended use.
- easy to dismantle for exclusively dry cleaning
- Surfaces in contact with the product  $Ra < 0,8\text{ }\mu\text{m}$  (steel), weldings inside polished  
 $Ra < 0,8\text{ }\mu\text{m}$  outside  $Ra < 3,0\text{ }\mu\text{m}$



Switching during flowing product flow is only admissible in exceptional cases and after agreement of the manufacturer. Interrupt the product flow shortly before switching (e.g. lock using a slide gate, stop the conveyor device).

It is not allowed to switch the flap in the non-flowing product column.

It is not allowed to switch the flap, if in one exit the product is not flowing out.



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### Options:

1. Stainless steel parts electropolished
2. Stainless steel parts made of 1.4404 (DIN) / 316L (AISI)
3. Stainless steel parts made of 1.4571 (DIN) / 316Ti (AISI)
4. With inductive initiators type 543861\_SME-8M-DS-24V-K-03-M8D, manufacturer Festo
5. With solenoid valve type JMFH-5-1/4, manufacturer Festo
6. Suitable for zone 21 inside category 2 acc. to ATEX 2014/34/EU
7. Electric parts outside for zone 2/22
8. alternative inductive initiators manufacturer Pepperl und Fuchs
9. alternative solenoid valve manufacturer Norgren

### Associated documents:

- 3D-part: Type.step (e.g. : **VDP15YD01**. Step)  
2D layout drawing: Type.dxf (e.g. : **VDP15YD01**. dxf)  
Selection guide: SG-VDP  
Price list: PL- VDP-Hygienic-Dry  
List of drawing numbers: Draw-No-List\_ VDP-Hygienic-Dry



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