



Datasheet solids-Butterfly Valve DKH-Clean



Operating conditions:

- Max. temperature: 80 °C
- Max./min. ambient temperature: $-30\text{ °C} \leq T \leq 50\text{ °C}$
- Suitable for vacuum
- Solid to bulk data: Particle size: powders, medium hardness
Fluidity: for products up to medium fluidity

Type	Diameter	Seal tightness	Height	Weight
DKH05C01	DN 50 mm	3 bar	20 mm	1 kg
DKH08C01	DN 80 mm	3 bar	20 mm	1,5 kg
DKH10C01	DN 100 mm	3 bar	24 mm	2 kg
DKH12C01	DN 125 mm	3 bar	28.6 mm	2,5 kg
DKH15C01	DN 150 mm	3 bar	32 mm	3 kg
DKH20C01	DN 200 mm	3 bar	40 mm	6 kg
DKH25C01	DN 250 mm	3 bar	50 mm	9 kg
DKH30C01	DN 300 mm	3 bar	60 mm	14 kg
DKH35C01	DN 350 mm	1,5 bar	60 mm	20 Kg
DKH40C01	DN 400 mm	1,5 bar	70 mm	28 Kg
DKH50C01	DN 500 mm	1.5 bar	80 mm	38 kg

Basical version:

- Devided body, simple seal replacement: aluminium cast G AL SI 10 Mg
- Plate with 1.4306 stainless steel shafts for DN 350, 400, 500. 1.4404 stainless steel for DN 50, 80, 100, 125, 150, 200, 250, 300
- Polyurethane sealing joint. appropriate for food industry
- Manually operated
- Mounted between flanges PN6/PN10
- Surface treatment:
Body: epoxi oven-cured powder coating, 180µm.
Plate: pickled or brushed and passivated



The device described below does not have any source of ignition. Therefore, it does not apply the ATEX Directive 2014/34/EU and are authorized to contain potentially explosive atmospheres (zones 20-21-22) inside. According to the guide of the ATEX Directive 2014/34/EU, it should not be marked on the plate.

The electrical equipment must be supplied separately and duly certified for the corresponding ATEX zone.

approval	MIGSA		SST		Mr. Linder	
	date:	sign:	date:	sign:	date:	sign:

**Preliminary
Modifications reserved**



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Options:

1. Plate with 1.4404 stainless steel shafts for DN 350, 400, 500
2. With silicone seal joint up to 200 °C
3. With metal seal joint, steel insert instead of elastomer, over 200 °C
4. With mechanical limit switches
5. With inductive detectors
6. With Atex Ex II 2D electro mechanical limit switch.
7. With Atex Ex II 2D inductive detector
8. ----
9. With Atex Ex II 3D electro mechanical limit switch.
10. With Atex Ex II 3D inductive detector

Associated documents:

3D-part: Type.step (example: **DKH20C01**. Step)
2D layout drawing: Type.dxf (example: **DKH20C01**. dxf)
Selection guide: SG-FSP-FSH-DKA-DKH
Price list: PL-DKH-Clean



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