



Datasheet

solids - Blow Through Rotary Valve

DBS-Clean



Operating conditions:

Permissible operating pressure: <1.5 bar g

Max. temperature: 150° C

Bulk solids data:

Particle size: Powdered, up to medium hardness,

Fluidity: from good up to difficult fluidity

Type	Inlet / Outlet	Height	V / Revolution	Weight
DBS1706C01	Ø 175 / Ø 65 mm	335 mm	6 dm ³	125 Kg
DBS2011C01	Ø 200 / Ø 80 mm	400 mm	11 dm ³	175 kg
DBS2520C01	Ø 250 / Ø 100 mm	465 mm	20 dm ³	230 Kg
DBS3034C01*	Ø 300 / Ø 125mm	560 mm	34 dm ³	400 Kg

* Zone 21 according to ATEX 94/9/EG

Basical version:

Housing: cast stainless steel 1.4408

Rotor: welded steel construction - stainless steel 1.4306

9 pockets, rigid blades

External bearing

Shaft seal: radial shaft sealing rings

With sealing/purge air connection

Suitable for zone 20 inside and protective system category 1 acc. ATEX94/9/EC

With type examination test by a notified body

Drive: direct

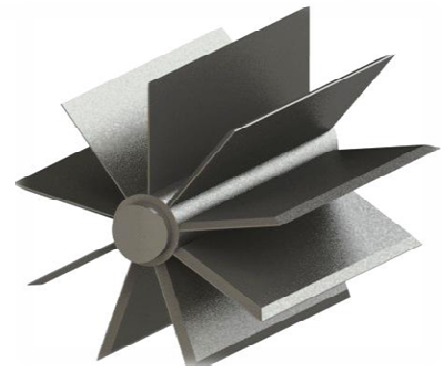
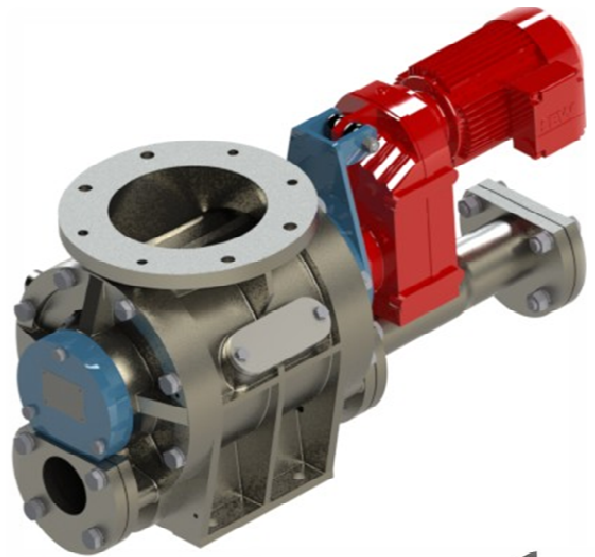
Motor: three-phase gearboxmotor

Manufacturer: SEW, separately specified

Form: slip on gear with torque arm

Surface treatment:

Sand blasted and passivated



Preliminary modifications reserved

approval:	MIGSA	SST	H. Linder	
Date:	Sign:	Date:	Sign:	Date:
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www.solids.eu





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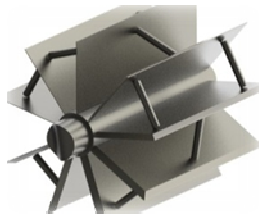
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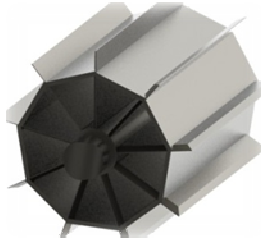


Options:

1. Rotor with bars made of round steel between the chambers



2. Rotor with reduced volume, about half of the standard volume.



3. With leakage air collector made of stainless steel 1.4306



4. Inlet for granulates, grain size >500 µm, cubic up to 10 mm, made of stainless steel 1.4306



5. Leakage air collector with granule inlet, made of stainless steel 1.4306



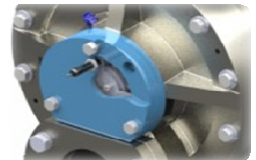
6. Leakage air collector for non-granules, made of stainless steel 1.4306



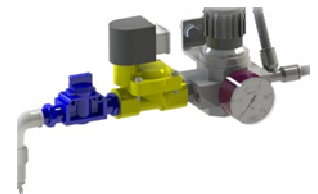
7. Made of 1.4404 for the selected rotor options

8. Made of 1.4571 for the selected rotor options

9. With M12 inductive turning detector



10. Pneumatic installation for sealing/purge air, consisting of 2/2-way solenoid valve, pressure regulator and nozzles



11. Shock pressure proof 10 bar, flame propagation proof and Protection system according to ATEX 94/9/EC Category 1, with water pressure test, including leakage air collector and granulates inlet

Related documents:

3D-Part: Type.step (example: **DBS1706C01**. Step)

2D-planning drawing: Type.dxf (example: **DBS1706C01**. dxf)

selection criteria: SG-ZRS-SRV-DBS

Pricelist: PL-DBS-Basic



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