

solids Dosing screw Type DSC-Hygienic

Hygienic Design



Dosing screw with high precision, design acc. to EHEDG-Guidelines for maximal production hygiene, with Europe-Patent protection



Advantages:

- Fulfills EU-Regulation 93/43/EC Guideline about foodstuffs hygiene and 2006/42/EG Machinery directive
- Fulfills DIN EN 1672-2
- Suitable for foodstuffs, chemistry, pharma
- CIP-able, cavity free
- Shaft feedtrough with sealing / flushing air
- Cleaning possible without dismantling

Characteristics:

- Stainless steel construction material in suitable quality
- Surfaces abraded mechanically acc. to EN 10088 2B
- Middle roughness depth $Ra < 0,8$
- All sealings constantly cavity free



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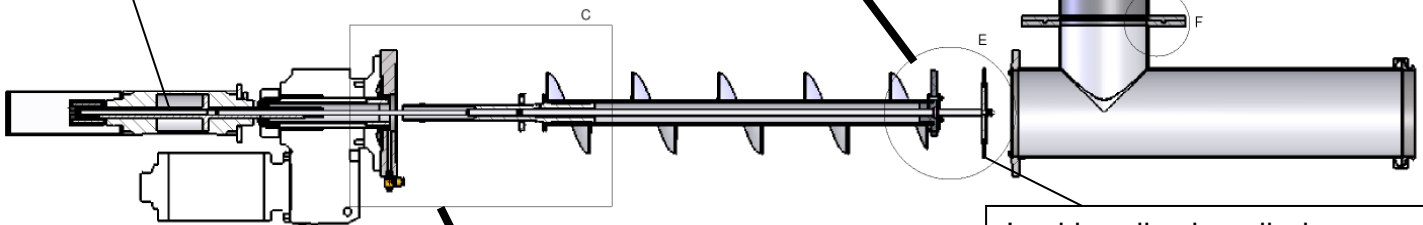
Characteristics:

Screw shaft pulled out from the housing:

Product infeed with FDA-conform special sealing, cavity free

Locking disc / Dosing star with flushing - / sealing air

Actuation of locking disc at driving side



Locking disc is pulled through the housing tube

Detail bearing:

Bearing self-supporting in drive

Rotary shaft seal is accessible easily

Screw with helix pulled out from bearing sleeve

Flushing ring

Flushing air for rotary shaft seal and flushing ring

Construction sizes:

Helix nominal diameter: 80, 100, 150 mm, conveying lengths: 500 - 1500 mm

Volumetric dosing capacity: about 10 - 3000 dm³/h

Options:

Ausziehvorrichtung for helix shaft with drive, therefore optimally manually cleanable, f. ex. in case of product change

Helix with progressive rise

Welding sealings grounded Ra<0,8

Electro polished



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