



Dosing & filling in the food industry

Customer-specific dosing solutions:

- Simple integration and control in automated solutions
- Dosing speeds can be adjusted "on-the-fly"
- Dynamic volume control / continuously adjustable
- Highest precision ($\pm 1\%$)
- Dosing of the most difficult products (highly viscous, abrasive, shear-sensitive, solids-laden fluids)



ViscoTec has developed the perfect dosing system for a wide variety of dosing applications based on the exact dosing of endless piston pumps. Thanks to long-term cooperation with manufacturers of robotics and automation, we have gained decades of experience. Our systems are used successfully worldwide.

Perfect for:

- Decorating tasks in the confectionary and bakery industry
- Customer-specific applications (personalized/ customized)
- Small forms of packaging / sample filling
- Specific food / small quantities (flavours, enzymes, probiotics, etc.)
- Convenience food



Hygienic Dispenser VHD

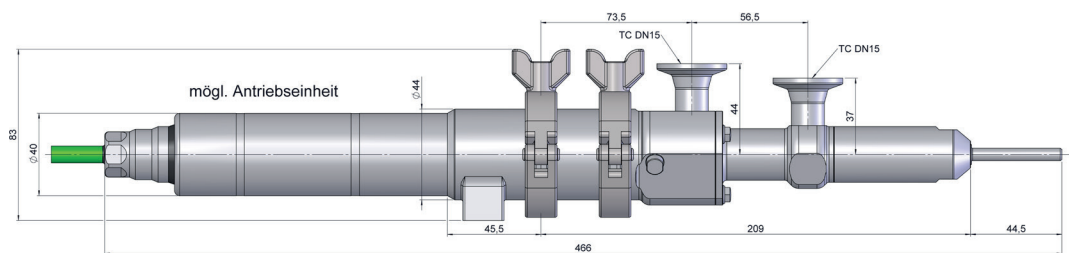
- Suck-back option (no dripping or stringing)
- Fast and easy assembly and disassembly
- Compact design
- Design performed according to EHEDG-guidelines
- FDA-compliant construction/development
- deadspace optimized interior
- flushing connection for automated cleaning
- Hermetically sealed process area (flushing area/seal chamber)

Technical data

Minimum dosing quantity	0.2 ml
Dosing accuracy	±1%
Medium temperature	-20 bis +120 °C
Maximum dosing pressure	20 bar
Product in contact with the materials	1.4404 (AISI 316L), FDA-compliant elastomers
Connection options	Luer-Lock, process connection (TriClamp), dosing nozzle (Ø 6x1x50 mm)
Motor	Brushless servomotor with planetary gear; 100% hygienically encapsulated

Dimensional drawing

3VHD8 (0,35 ml/revolution)



3VHD12 (1,7 ml/revolution)

2VHD12^(3D) (5,1 ml/revolution)

