

VISEC D70 micro

On-the-dot dosage with maximum volumetric precision



RANGE OF USES:

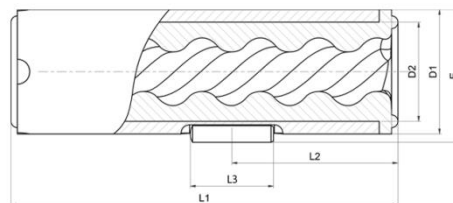
- abrasive media
- adhesives
- silicones
- sealing compounds
- fats
- oils

DESCRIPTION:

The internal geometry of the stator is based on eccentric screw pump systems. New manufacturing processes and materials make it possible to transform very complex geometry into this small design. Media in very small quantities can be conveyed fully volumetrically forward and backward.

TECHNICAL DATA:

Dimensions	Ø14,95 mm x 46,5 mm
Weight	ca. 15 gram
Dosing volume	ca. 0,53 cc/rev
Dosing accuracy ⁽¹⁾	± 1%
Repeatability	> 99%
Min. dosing quantity	ca. 0,06 cc
Volume flow ⁽²⁾	0,53 to 60,0 cc/min
Min. operating pressure	0 bar
Max. operating pressure ⁽³⁾	0 to 6 bar
Max. dosing pressure	8 to 10 bar
Available materials	aluminium / hi-per Item no. P04.D70



D1 = Ø 14,95 mm L1 = 46,50 mm L3 = 10,00 mm
D2 = Ø 11,90 mm L2 = 19,20 mm E = 15,95 mm

- (1) Volumetric dosing is related as absolute deviation to one revolution of the dispenser. Depends on the viscosity of the dosing medium.
- (2) Volume flow is dependent on viscosity and primary pressure.
- (3) As the viscosity of the medium decreases, the maximum system pressure is reduced. Example: approx. 3 bar at 50 mPas at 20°C

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