# VISEC D70 micro

On-the-dot dosage with maximum volumetric precision


## RANGE OF USES:

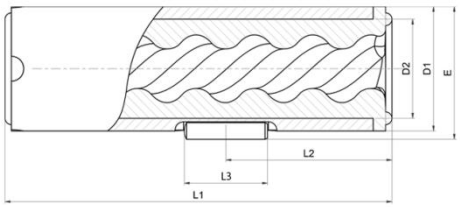
- abrasive media
- adhesives
- silicones
- sealing compounds
- fats
- oils

## 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
D2 = Ø 11,90 mm
L1 = 46,50 mm
L2 = 19,20 mm
L3 = 10,00 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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