

VI SEC 3R12-HP

On-the-dot dosage with maximum volumetric precision



RANGE OF USES:

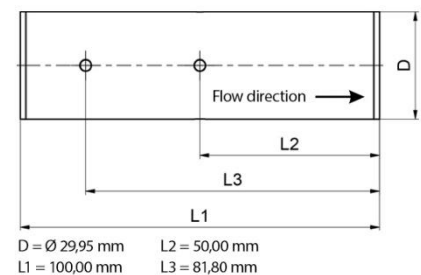
- abrasive media
- adhesives
- silicones
- sealing compounds
- fats
- oils

DESCRIPTION:

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

TECHNICAL DATA:

Dimensions	Ø 29.95 mm x 100 mm
Weight	approx. 127 grams
Dosing volume	approx. 2.25 cc/rev
Dosing accuracy ⁽¹⁾	± 1%
Repeatability	> 99%
Min. dosing quantity	ca. 0.201 cc
Volume flow ⁽²⁾	2.25 bis 288 cc/min
Inlet pressure ⁽³⁾	0 bis 20 bar
Max. dosing pressure ⁽³⁾	60 bar
Max. operating temperature ⁽⁴⁾	40°C
Available materials ⁽⁴⁾	Aluminium / hi-pro / hi-per Item-no.: P03.3R12-HP / P04.3R12-HP Aluminium / hi-max Item no.: P05.3R12-HP



- (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) Pressure depending on dosing medium.
- (4) Stainless steel version is available - operating temperature approx. 80°C.

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