

DV3000000 Pinch tube valve



*dispensing
solutions*

Description

This manual constriction-hose valve is manually operated. The replaceable constriction hose, which is available with inner diameters of 1.8 mm + 2.5 mm, is the only component that comes into contact with the medium. Due to this valve's design, mixed two-component adhesives, abrasive and anaerobic media as well as cyanoacrylates can be easily dosed by hand. The constriction hose can be easily replaced.

Function

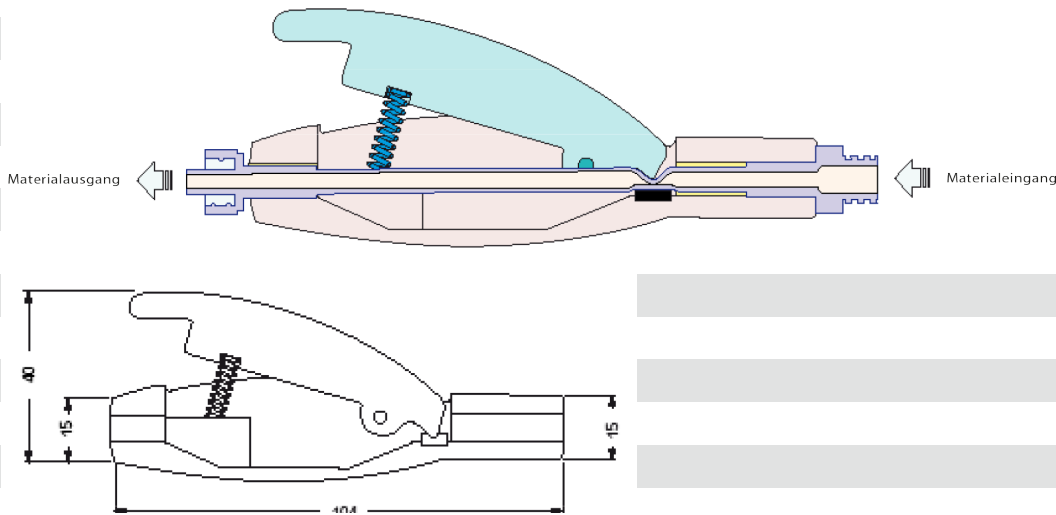
Due to the given spring tension, this valve is closed when at rest. The wedge that squeezes the constriction hose is opened by operating the hand lever and allows the dosing medium to flow through. The opening angle can be adjusted with of a grub screw.

Technical specifications

Length:	104 mm
Weight:	36 g
Material inlet:	Luer lock female
Material outlet:	Luer lock male
Max. material pressure:	-
Min. operating pressure:	-
Wetted parts:	Constriction hose made of PE
Min. dosage:	0.0075 ccm
Flow rate:	1680 ml/min (with water at 3.5 bar)
Switching frequency:	-
Material viscosity:	max 50,000 mPas

Subject to technical changes.

Technical Drawings



Scope of delivery

Article number	amount	Description	Lenght cm	ID mm
BG3000002	1	Dispensing tip assortment small, (15 different dispensing tips, 2 different syringe barrel end cap)		
BG3001139	3	Fluid line assembly transparent	8	2.5
BG3001142	3	Fluid line assembly transparent	60	2.5

Optional accessories available:

Article number	Description	Lenght cm	ID mm
BG3001138	Fluid line assembly transparent	8	1.8
BG3001140	Fluid line assembly black	8	2.5
BG3001141	Fluid line assembly transparent	45	2.5
BG3001142	Fluid line assembly transparent	60	2.5
BG3001143	Fluid line assembly transparent	90	2.5
BG3001144	Fluid line assembly black	45	2.5
BG3001145	Fluid line assembly black	60	2.5
BG3001146	Fluid line assembly black	90	2.5
BG3001147	Fluid line assembly black	150	2.5