

Technical Data Sheet (V-2)



ADoST Pinch Valve

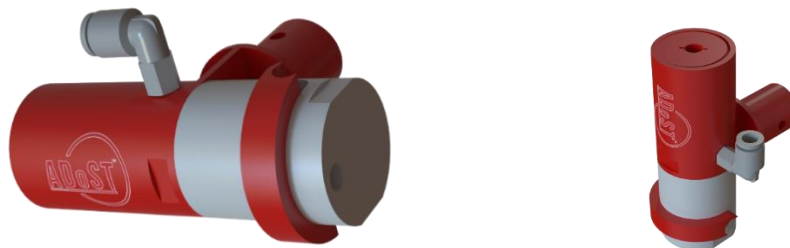
A precision valve to control the flow of the adhesive

17th June 2024

Product Description

ADoST Pinch Valve is a normally closed valve engineered to ensure minimal wetted parts during adhesive dispensing. It provides precision control of fluid flow without the risk of contaminating part, thus offering long service life of the valve.

The fundamental advantage of ADoST pinch valve is that it allows steady flow of fluid when open without any pressure loss and closes entirely when the air supply is shut; ADoST Pinch Valve is designed to accommodate variable diameter tubes to suit different adhesive chemistry. Fluid flow can be controlled by adjusting the stroke adjustment bolt



Applications

ADoST Pinch Valve is designed to be used with low to medium viscous products in following chemistries

- Cyanoacrylate adhesives
- UV Cure adhesives
- Two-part adhesives
- Anaerobic adhesives

Product Features

- Light weight and Compact Design.
- High precision and accuracy.
- Adjustable stroke length.
- Support plug to hold tube at single position.
- Easy tube change.

Technical Data

Model Number	ADoST-PV-3	ADoST-PV-6
Size (Imperial)	1.181" dia. x 3.228" Length	
Size (Metric)	30mm dia. x 82mm Length	
Weight	155 gm	
Operating Air Pressure	4 to 6 Bar	
Material	Aluminum	
Compatible Tube	ADoST-PT-23-1C-SE-0-5 ADoST-PT-23-1C-SE-1-0 ADoST-PT-23-1C-SE-1-5 ADoST-PT-23-1C-SE-2-0	ADoST-PT-46-2C-0-04 ADoST-PT-46-2C-0-2 ADoST-PT-46-2C-0-4 ADoST-PT-46-2C-0-6 ADoST-PT-46-2C-0-8
Maximum Operating Frequency	100 cycles /minute	
Ambient temperature range	5°C to +45°C	
Response time	0.02s	
Usage	Indoor use	
Adhesive	Low Viscous	Low/Medium Viscous



System Includes

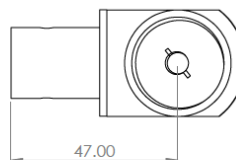
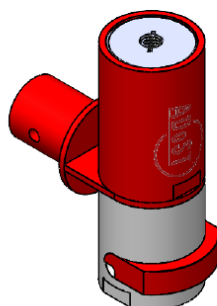
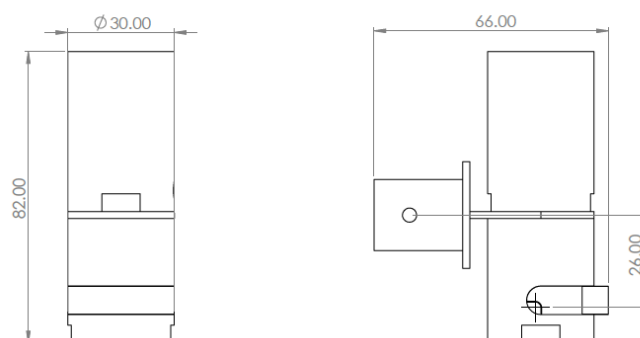
- Pinch Valve
- 6mm push in connector for air supply
- Pinch Valve plug for tube holding
- Pinch valve holder for installing over Pinch valve stand

Accessories/Consumable (Separate Purchase)

- Pinch Valve Stand
- Pinch Tube
- Nozzles

Detailed Dimensions

All dimensions are in mm



Warranty

ADoST Pinch Valve is guaranteed against any defects in workmanship and material for a period of one year from the date of supply.

Customization

All ADoST dispensing equipment are designed to be flexible and specific customization may be possible against customer requests at added cost. However, only ADoST's R&D team is authorized to issue written confirmation/acceptance of any customization.

Disclaimer

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