



DSV-S100

Two-component Screw Valve

The DSV-S100 is a progressive two-component screw valve developed by SAEJONG IND. The product adopts a spiral structure design and achieves precise distribution and delivery of liquid through the directional rotation of the rotor in the stator cavity. It is suitable for dispensing process requirements of various types of high viscosity, granular and shear-sensitive liquids.



Features and Advantages

- The implementation of two-component adhesive dispensing can be achieved.
- The error of glue dispensing is kept within 1% by employing the metering conveying principle.
- The reverse suction function prevents glue from dripping or overflowing.
- Capable of accommodating fluids containing particulate matter.
- The mixing proportion is adjustable, demonstrating strong adaptability.
- The structure is straightforward and facilitates effortless cleaning.

Performance Parameter

Size	167.5*258.5*78mmmm
Weight	1880g
Viscosity Range	0-1000000cps
Accuracy	± 1%
Minimum volume	0.005ml
Glue flowrate	0.1-6.6ml/min (at 1:1)
Fluid pressure	0-2MPa
Maximum pressure	4MPa
Fluid inlet	Rc1/4" + Rc1/8"
Fluid outlet	Static mixing tube
Shell material	POM/Stainless steel
Stator material	HDPE/VisChem
Screw material	Stainless steel
Motor	120rpm/18-24VDC
Temperature	10-40°C
Mixing ratio	1:1-10:1

Installation Dimensions

