

7SVA4 Motorized Precision Vertical Translation Stages



Characteristics

- It is equipped with a standard stepping motor and a standard DB9 plug, with the 7SC series motion controller can realize the automatic control;
- Driving by a precision screw rod ,high resolution;
- The guide rail adopts cross roller cylinder guide, comfortable motion, good linearity, large bearing capacity;
- Wedge type vertical translation, the lower overall height and stable running;
- The vertical guide adopts a precision linear slide block guide rail, high precision of positioning, good stability;

Model	7SVA412	7SVA425
Travel	12mm	25mm
Lead for screw rod	1.5mm	
Transmission ratio	2:1	
Resolution(8 subdivision)	0.0005mm	
Table size	160mm×160mm	200mm×200mm
Repeatability	0.003mm	
Standard motor	57 stepping motor(1.8°)	
Maximum static torque	1.2N·m	
Rated working current	2.8A	
Maximum speed (2 subdivision)	10mm/s	
Central load	40kg	50kg
Weight	5kg	7.5kg