

7SVA5 Series Motorized Precision Vertical Translation Stages



Characteristics

- Equipped with a stepping motor and a standard DB9 plug, 7SC series motion controllers for automatic control;
- Driving force is in the center of horizontal platform without unbalance loading problem;
- Precision worm and worm gear reducer, big load capacity, fast lifting;
- Trapezoidal screw rod, with self-locking function;
- Linear bearing guide rail with comfortable movement;
- With zero and limit switch, convenient for accurate positioning and protection.

Model	7SVA550	7SVA5100	7SVA5150	7SVA5200	7SVA5300	7SVA5400
Table size	300mm×300mm				500mm×500mm	
Travel	50mm	100mm	150mm	200mm	300mm	300mm
Hight range A	305-355mm	355-455mm	405-555mm	465-665mm	608-908mm	708-1108mm
Lead for screw rod	4mm				6mm	
Transmission ratio	11:1				6:1	
Standard motor	57 stepping motor(1.8°)				85 stepping motor(1.8°)	
Resolution(8 subdivision)	0.284μm				0.52μm	
Maximum speed(2 subdivision)	2.9mm/s				8mm/s	
Load	100kg				200kg	
Weight	25.9kg	26.6kg	27.3kg	28kg	124kg	127kg