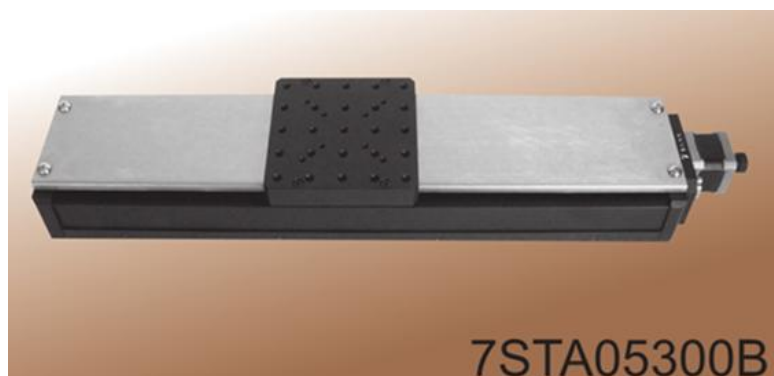


7STA05B series Motorized Precision Translation Stages



Characteristics

- Based on 7STA02B series motorized translation stages, and add the dust-proof cover;
- The dust-proof cover is made of stainless steel, heat resistant or laser resistant;
- Equipped with a stepping motor and a standard DB9 plug, 7SC series motion controllers for automatic control;
- Driving by high quality ball screw rod, good repeatability, long life;
- Screw rod adopts three bearing mounting structure, locking the end of axis to prevent loose, suitable for high speed reciprocating use;
- Linear motion guide (square type, whole body is connected with the base plate), comfortable movement, large bearing capacity, suitable for single axis with heavy loading or for multi axis combination;

Model	7STA0550B	7STA05100B	7STA05150B	7STA05200B	7STA05300B	7STA05400B	7STA05500B
Travel	50mm	100mm	150mm	200mm	300mm	400mm	500mm
Table size	160mm×160mm						
Lead for screw rod	5mm						
Resolution(8 subdivision)	0.0015625mm			0.003125mm			
Maximum speed(2 subdivision)	20mm/s			40mm/s			
Repeatability	0.005mm						
Axial clearance	0.03mm						
Standard motor	42 stepping motor(0.9°)			42stepping motor(1.8°)	57stepping motor(1.8°)		
Maximum static torque	0.4N·m					1.2N·m	
Rated working current	1.7A					2.8A	
Central load	30kg					50kg	
Weight	6.9kg	7.5kg	8.1kg	8.6kg	9.6kg	13kg	14.5kg