

7SRA1200 Motorized Precision Rotary Stage



Characteristics:

1. Equipped with a stepping motor and a standard DB9 plug, 7SC series motion controllers for automatic control;
2. Precision machining bearing steel for shafting, high precision, big load, and long life;
3. Precision grinding worm and worm gear, the stage rotate reversible and comfortable with little backlash;
4. Eliminating clearance structure for long-term using;
5. The center of tolerance holes and rotation is coincide with each other, convenient for positioning;
6. High quality elastic coupling for connecting motor and worm, synchronous transmission and little noise.

Model	7SRA1200
Table diameter	ϕ 200mm
Transmmision ratio	180:1
Repeatability	0.005°
Standard motor	57 stepping motor(1.8°)
Maximum static torque	1.2N·m
Rated working current	2.8A
Maximum speed (2 subdivision)	25°/s
Resolution (8 subdivision)	0.00125°
Diameter of central hole	ϕ 90 ^{+0.025} mm
Standard zero position	Yes
Central load	60kg
Weight	7.7kg