

Product Model Example : 5AX-RED200-250FAB-M

5AX - RED 200 - 250 F A B - M

- 5AX Series**
Code No. of Tilting Rotary Tables
- Roller Evolution Drive**
Code No. of Rotary Tables Equipped with Roller Evolution Drive
- Work Swing Dia.**
250 ϕ 200mm
500 ϕ 500mm
- Code No. of Motor Maker**
- With/Without Motor**
M : With Motor (Without Clamping)
MB : With Motor (With Clamping)
Non : Without Motor
- With/Without Mechanical Clamping**
B : With Mechanical Clamping
Non : Without Mechanical Clamping
- Type of motor**
A : AC Servo
Non : DC Servo

Specification

Item / Code No.		5AX-RED200-250		5AX-RED200-500	
Diameter of Table	ϕ mm	206		206	
Diameter of Spindle Hole	ϕ mm	ϕ 60H7		ϕ 60H7	
Center Height (90°)	mm	180		290	
Table Height in Horizontal Position (0°)	mm	260		363.5	
Width of T Slot *1		—		—	
Axis			Tilting (0°~105°)	Rotary	Tilting (0°~105°)
Clamping System		Pneumatic (0.5MPa)	Pneumatic (0.5MPa)	Pneumatic (0.5MPa)	Pneumatic (0.5MPa)
Clamping Torque	N·m	600	600	600	600
Servo Motor (with brake)		α iS4/5000-B	α iS4/5000-B	α iS4/5000-B	α iS8/4000-B
MIN. Increment		0.001°	0.001°	0.001°	0.001°
Total Reduction Ratio		1/60	1/60	1/60	1/60
Rotation Speed *2 *3	r/min	50(60)	50(60)	50(60)	50
Indexing Accuracy	sec	\pm 20	60 (Cumulative)	\pm 20	60 (Cumulative)
Repeatability	sec	4	\pm 6	4	\pm 6
MAX. Work Load on the Table	0° to 30°	60		100	
	30° to 90°	40		100	
MAX. Work Inertia	*3	2.09		2.09	
Driving Torque	*3	216		216	
Optional (Flange plate type) Rotary Joint max. number of ports		5+1		9+1	
Net Weight	kg	164		246	

*1 : T-slotted faceplate is available as an option. Please order as required.

*2 : The standard rotation speed of motor is 3000min⁻¹. The rotation speed in () is for the rotation speed of a motor is 3600min⁻¹. It is possible to accommodate some workpieces and jig fixture shapes.

*3 : Table speed, allowable work inertia, and continuous holding torque are values for FANUC motors.