



★Dimensions with FANUC motor



## Specifications

Item / Code No.		5AX-100	
Diameter of Table	$\phi$ mm	90	
Diameter of Spindle Hole	$\phi$ mm	$\phi 50_{H7} \phi 30$	
Center Height (90°)	mm	135	
Table Height in Horizontal Position (0°)	mm	190	
Width of T Slot	mm	$\phi 8_{H7}$ Pin hole	
Axis		Rotary	Tilting (0°~105°)
Clamping System		Pneumatic*1	Air Hydraulic Booster Built-in type
Clamping Torque	N·m	205	600
Table Inertia at Motor Shaft	$(\frac{GD^2}{4}) \text{ kg}\cdot\text{m}^2 \times 10^{-3}$	0.09	0.12
Servo Motor	r/min	$\alpha$ iF1·2000	$\alpha$ iF1·2000
MIN. Increment		0.001°	0.001°
Rotation Speed	r/min	44.4	22.2
Total Reduction Ratio		1/45	1/90
Indexing Accuracy	sec	$\pm 30$	60
Net Weight	kg	84	
MAX. Work Load on the Table	0° to 30° 	40 kg	
	30° to 90° 	20 kg	
MAX. Thrust Load applicable on the Table	Tilting Angle = 0° 	5300 N	
	Tilting Angle = 0° 	L = 45mm F = 3820N	
	Tilting Angle = 90° 	L <sub>1</sub> = 0mm F <sub>1</sub> = 2945N L <sub>2</sub> = 100mm F <sub>2</sub> = 1045N	
	Tilting Angle = 90° 	FXL N·m 98	
MAX. Work Inertia		$(\frac{GD^2}{4}) \text{ kg}\cdot\text{m}^2$ 0.03	
Driving Torque		N·m 18	

## The Area of Noninterference in Tilting Position.

