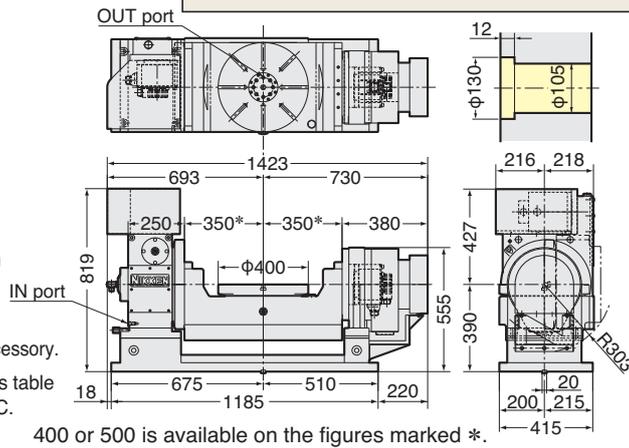


BUILT IN type TILTING ROTARY TABLE



External dimensions will be different according to the type of the servo motors. Dimensions with FANUC motor are shown. Please contact with us for CAD data (2D:DXF, 3D:PARASOLID).

5AX-T400



Built-in type 8 ports rotary joint is optional accessory.

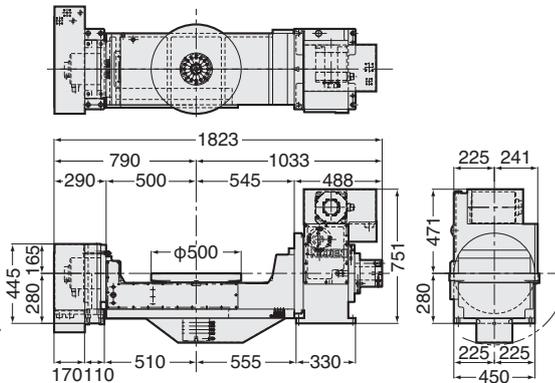
- The position of the motor of the tilting axis table can be right & left side for the vertical M/C.

400 or 500 is available on the figures marked *.



5AX-B450

Tilting base will be supplied from M/C builder.



Built-in type 17 ports rotary joint is optional accessory.

- The position of the motor of the tilting axis table can be right or left side for the vertical M/C.

Item / Code No.	5AX-T400	5AX-B450		
Diameter of Table φmm	400	500		
Diameter of Spindle Hole φmm	φ105H7	φ155H7 φ109		
Centre Height (90°) mm	390	280*1		
Table Height in Horizontal Position (0°) mm	390	280*1		
Width of T Slot mm	14 ^{+0.018} ₀	—		
Axis	Rotary	Tilting	Rotary	Tilting
Clamping System	3.5MPa	Hyd.	Hyd.	Hyd.
Clamping Torque N·m	1760	1760	1760	3870
Table Inertia at Motor Shaft ($\frac{GD^2}{4}$) kg·m ² ×10 ⁻³	2.8	2.44	2.8	2.9
Servo Motor min ⁻¹	aiF12/4000 ·2000	aiF22/4000 ·2000	aiF12/4000 ·2000	aiF22/4000 ·2000
MIN. Increment	0.001°	0.001°	0.001°	0.001°
Rotation Speed min ⁻¹	22.2	16.6	22.2	16.6
Total Reduction Ratio	1/90	1/120	1/90	1/120
Indexing Accuracy sec	15	60	20	60
Net Weight kg	750(w/o base) 995(with base)		1050(w/o base)	

Item / Code No.	5AX-T400	5AX-B450	
MAX. Work Load on the Table	0° to 30° 	300	300
	30° to 90° 	250	250
MAX. Thrust Load applicable on the Table	Tilting Angle = 0° 	31360	31360
	Tilting Angle = 0° 	L=200mm F=6860N	L=250mm F=5488N
	Tilting Angle = 90° 	L=100mm F=11660N	L=100mm F=11660N
	Tilting Angle = 90° 	1166	1166
MAX. Work Inertia		5.1	5.1
Driving Torque		432	432

- ★ Range of tilting angle (0°~105°) can be expanded as an option. Please contact us.
- ★ Rotary joint is available for all rotary tables, please refer ⇨ P.54.
- ★ Ultra precision type is available for all rotary tables, Rotary axis: ±5" Tilting axis: ±10", please refer ⇨ P.53.
- ★ The supplied hydraulic pressure is 3.5MPa for hydraulic clamping system.
- ★ The figures marked *1 show the dimension without tilting axis base.