

FlexMachineTools

FlexCNC 4th Axis 250 (10")

FlexCNC Rotary Table

NCT Rotary tables are designed with axial- radial bearings to provide excellent load and thrust capabilities. The hydraulic clamp produces a massive holding power and the housings withstand any twisting or flexing, the large center bore series provides for added flexibility when adding work holding devices.

◆ Suitable for Vertical and horizontal mounting



GENERAL DETAILS

Table Diameter = $\varnothing 250$ mm

Diameter of Pilot bore = $\varnothing 50^{H7}$ mm

Diameter of through hole = $\varnothing 40$ mm

Clamp operation Pressure = 35 kgf/ cm^2 (Hydraulic)

Minimum input increment -Rotary axis = 0.001°

Overall height with table top horizontal = 200 mm

Center height with table top vertical = 170 mm

Width of T-slots = 12 H7 mm

Width of alignment key in mounting base = 18 H7 mm

Ambient temperature = $18^\circ \sim 40^\circ\text{C}$

TECHNICAL DATA/ CAPACITIES

Permissible load - Vertical machining thrust = 1,400 kgf

(With table clamped) - Torque = 50 kgf-m

- Tilting moment = 85 kgf-m

Indexing accuracy s = 15 sec

Repeatability = 4 sec

Allowable work inertia = 1.95 kg-m²

Loading capacity - Horizontal = 250 kg

- Vertical = 100 kg

Rotation torque - Rotary axis = 48 kgf-m

Gear ratio - Rotary axis = 1: 120

Speed = 25 r.p.m (when motor 3000 r.p.m)

Net weight = 110 kg

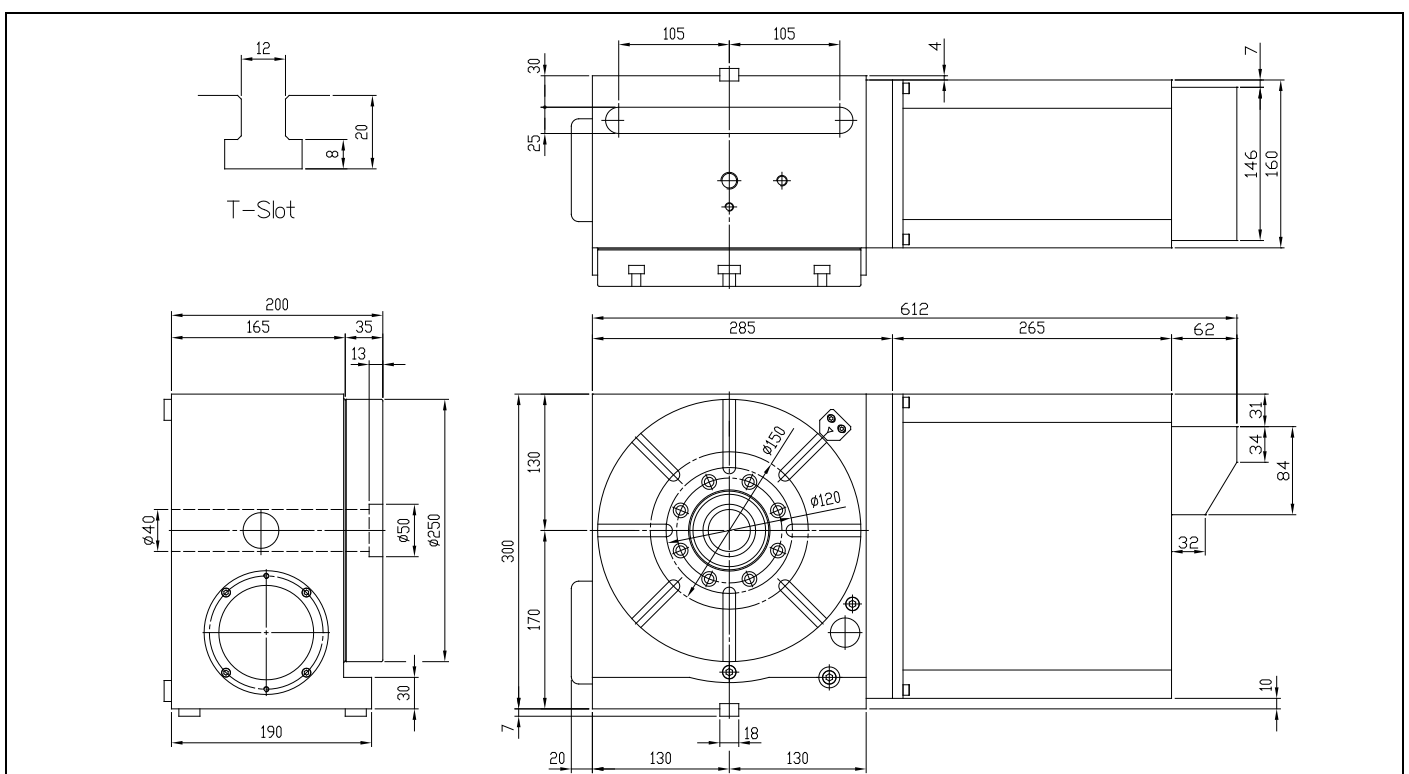
Optional

Suitable tail-stock: MTS-170, ATS-170, BTS-200-170, BTS-250-170

PHC for table clamping (If machine without hydraulic source)

3-Jaw chuck with sub plate = SK-8 (8")

AC individual controllers package available type DNS118A



* We reserve the right to make changes without advance notice.