

# Rotary tables



Carbide worm screw and ion-nitrided worm wheel ensure high wear resistance and maximum accuracy. The worm wheel is nitrided to a depth of 0.1mm with a surface hardness of 68HRC. This process created a maximally smooth surface with the result of reducing sliding friction to a minimum.

## Rotary table type 5AX-350

Parameters	
Diameter of table	350 mm
Spindle bore diameter	Ø80H7
Spindle axis height	300 mm
Table height in horizontal position (0°)	300 mm
T-slot width	12 mm
Reinforcement system	Hydraulic
Reinforcement moment in position	1568 Nm
Inertia of the motor on the table shaft	0,8/1,35 kg.m 2x10 <sup>-3</sup>
Servo motor	ai F8/3000i.2000 min <sup>-1</sup>
Min. growth	0,001°
Rotation speed	22,2 min <sup>-1</sup>
Gear ratio	1:90
Indexing accuracy	20/60 s
Weight	420 kg
Max. table load vertically	200 kg
Max. table load horizontally	200 kg
Max. axial load applicable on the table	19600 N L=175mm, F=4900N L1=0mm, F1=17160N L2=100mm, F2=8580N
Max. working moment of inertia (vertical)	3,2 kg.m <sup>2</sup>
Torque	288 Nm

