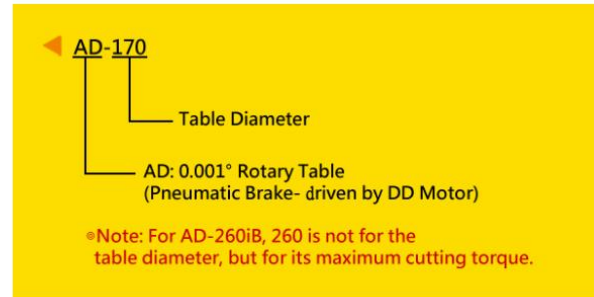




AD Series(Pneumatic Brake)

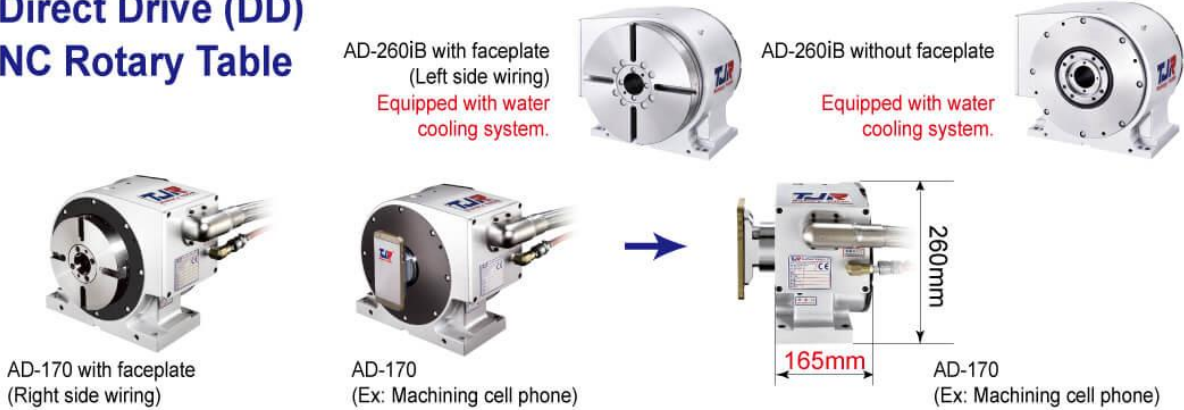
Direct Drive (DD) NC Rotary Table

AD-170 / AD-210 / AD-260iB



Item	Unit	AD-170	AD-210	AD-260iB
Table Diameter	mm	Ø170	Ø210	Ø250
Diameter of Table Central Hole	mm	-	-	-
Inner Diameter of Mandrel Sleeve	mm	Ø40H7	Ø40H7	Ø46H7
Diameter of Center Through Hole	mm	Ø 40	Ø 40	Ø 46
Center Height (Vertical)	mm	135	160	160
Table Height (Horizontal)	mm	-	-	-
Table T-slot Width	mm	12H7	12H7	12H7
Guide Block Width	mm	18h7	18h7	18h7
Cooling System	-	Free Cooling	Free Cooling	Free Cooling/Water Cooling
Min. Increment	deg.	0,001	0,001	0,001
Indexing Precision	sec.	20	20	20
Repeatability	sec.	4	4	4
Clamping System (Pneumatic)	kg/cm.	6	6	6
Clamping Torque	Nm	310	310	450(Powerful)
Servo Motor Model	-	DD Motor	DD Motor	DD Motor
Speed Reduction Ratio	-	Direct Drive	Direct Drive	Direct Drive
Rated / Max. Speed	r.p.m	150/200	150/200	150/200
Rated / Max. Cutting Torque	Nm	48/260	48/260	48/(Water Cooling 118)/260
Allowable Inertia Load Capacity	kg · cm / sec.	1,08	1,65	7,8
Allowable Workpiece Load (dynamic)	 Vertical	kg	Please refer to the manual	
	with Tailstock	kg	Please refer to the manual	
	 Horizontal	kg	Please refer to the manual	

Direct Drive (DD) NC Rotary Table



A-2



Driven by direct drive motor
(speed: 100-200 rpm)



Strength:

- ① Truly **zero backlash** during the clockwise / anti-clockwise rotation.
- ② Truly **zero wear** for the transmission mechanism
- ③ High speed: 100-200 rpm
- ④ Long-lasting high precision
(The actual precision depends on the selected angle encoder)

To properly implement INDUSTRIE 4.0, an active multi-functional human-machine interface (remote monitoring & control) is offered.

