

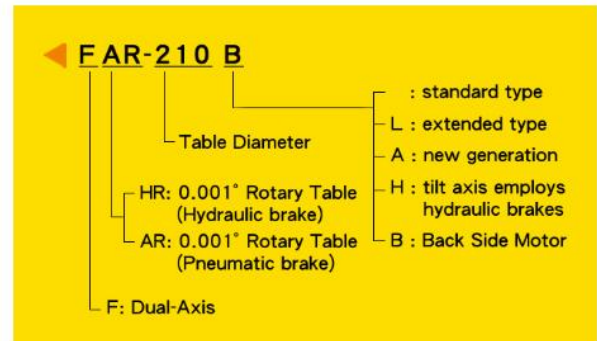
CNC Tilling Rotary Tables Min. indexing angle –0.001°

FAR Series

Dual-axis dual-arm type (**Powerful Pneumatic Brake**)

FAR-125/125B/170A/170/170B

FAR-210/210B/210L



Item/Model	Unit	FAR-125/125B		FAR-170A (compact type)		FAR-170 (Standard type) / FAR-170B (Back side motor type)		
		Rotation	Tilt (–30° ~ +120°)	Rotation	Tilt ±100°	Rotation	Tilt ±100°	
Table Diameter	mm	Ø 125		Ø 170		Ø 170		
Diameter of Table Central Hole	mm	Ø 35H7		Ø 67		Ø 67		
Inner Diameter of Mandrel Sleeve	mm	-		Ø 40H7		Ø 40H7		
Diameter of Center Through Hole	mm	Ø 25		Ø 40		Ø 40		
Table Height (Horizontal)	mm	215		245		270		
Table T-slot Width	mm	12H7		12H7		12H7		
Guide Block Width	mm	14h7		18h7		18h7		
Axis		Rotation	Tilt (–30° ~ +120°)	Rotation	Tilt ±100°	Rotation	Tilt ±100°	
Min. Increment	deg.	0.001	0.001	0.001	0.001	0.001	0.001	
Repeatability	sec.	4	8	4	8	4	8	
Clamping System (Pneumatic)	kg/cm.	5	6	6	6	6	6	
Clamping Torque	kg-m	13	31	31	31	31	31	
Servo Motor Model	FANUC	Taper/Straight shaft	α2i / β4is	α4i / β8is	α2i / α4is / β4is	α4i / β8is	α4i / β8is	α8i / α12is / β12is
	MITSUBISHI	Taper shaft	HF-75 / 105	HF-54 / 104	HF-75 / 105	HF-54 / 104 (Straight shaft is not available)	HF-54 / 104	HF-104

Item/Model		Unit	FAR-125/125B		FAR-170A (compact type)		FAR-170 (Standard type) / FAR-170B (Back side motor type)	
Speed Reduction Ratio		-	1 : 60	1 : 90	1 : 72	1 : 120	1 : 90	1 : 90
Max. Rotation Rate of Table (Calculate with Fanuc α Motor)		r.p.m	44.4	44.4	33.3	25	33.3	33.3
Allowable Inertia Load Capacity (Horizontal)		kg.cm.sec.	0.97		02.фев		анр.13	
Allowable Workpiece Load	0° Horizontal	kg	50		60		75	
	0°~90° Tilt	kg	35		40		50	
Allowable Load(with Rotary Table Clamping)	F	kgf	400		600		750	
	FxL	kgf.m	31		31		31	
	FxL	kgf.m	13		31		31	
Strength of worm gears (Rotary axis)		kg.m	9		18		18	
Net Weight (servo motor excluded)		kg	97		125		160	