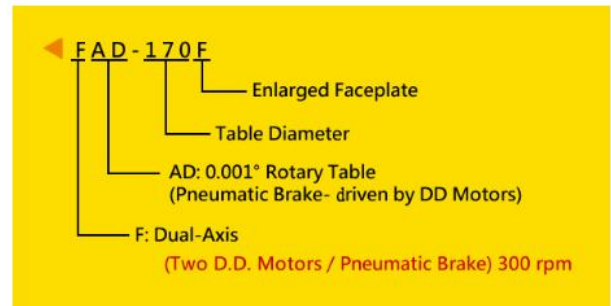


FAD Series(Pneumatic Brake)

The 4th & 5th Axis Direct Drive Motor Series

FAD-170F / FAD-210F



Item	Unit	FAD-170F	FAD-210F	
Table Diameter	mm	Ø170	Ø210	
Diameter of Table Central Hole	mm	-		
Inner Diameter of Mandrel Sleeve	mm	Ø40H7		
Diameter of Center Through Hole	mm	Ø40		
Table Height (Horizontal)	mm	250		
Table T-slot Width	mm	12H7		
Guide Block Width	mm	18h7		
Axis	-	Rotary axis	Tilt axis ±100°	
Transmission Mechanism	-	DD Motor	DD Motor	
Cooling System	-	Free Cooling	Free Cooling(Water cooling)	
Min. Increment	deg.	0.001	0.001	
Indexing Precision	sec.	20	30	
Repeatability	sec.	4	8	
Clamping System (Pneumatic)	kg/cm.	6	6	
Clamping Torque	Nm	310	450(Powerful)	
Servo Motor Model	-	DD Motor	DD Motor	
Speed Reduction Ratio	-	Direct Drive	Direct Drive	
Rated / Max. Speed	r.p.m	200/300	150/200	
Rated / Max. Cutting Torque	Nm	29/116	48(Water Cooling 118)/260	
Allowable Inertia Load Capacity (Horizontal)	kg.cm.sec.	1.08 (Ø170)	1.65 (Ø210)	
Allowable	0° Horizontal	kg	Please refer to the manual	
Allowable Load	F	N	4000	

(with clamping)	FxL	Nm	450	
	FxL	Nm	310	
Net Weight		kg	220	223
Electrical Specification		Electrical Specification		
Encoder		-	Subject to demand and controller	
Voltage (Back E.M.F)		Vrms/100rpm	Rotary axis: 38.8	
Rotor Poles		-	44	
Rated / Max. Current		Arms	4.25 / 12.75	
Power Rating		KW	0.77	0.76