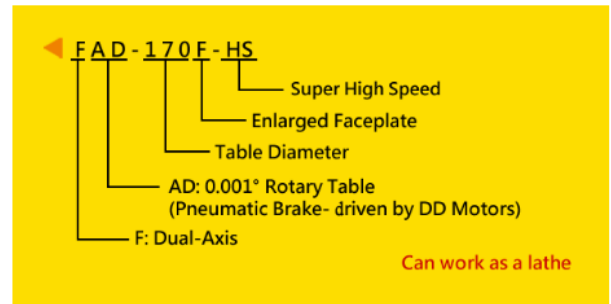


FAD Series(Pneumatic Brake)

The 4th & 5th Axis Direct Drive Motor Series

FAD-170F-HS / FAD-210F-HS



Item	Unit	FAD-170F-HS	FAD-210F-HS
Table Diameter	mm	Ø170	Ø210
Diameter of Table Central Hole	mm	Ø40H7x12 Deep	
Inner Diameter of Mandrel Sleeve	mm	-	
Diameter of Center Through Hole	mm	Ø40	
Table Height (Horizontal)	mm	290	
Table T-slot Width	mm	-	
Guide Block Width	mm	18h7	
Axis	-	Rotary axis	Tilt axis ±100°
Cooling System	-	Water Cooling	Free Cooling
Transmission Mechanism	-	D.D. Motor	D.D. Motor
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	500
Servo Motor Model	-	DD Motor	DD Motor
Speed Reduction Ratio	-	Direct Drive	Direct Drive
Rated / Max. Speed	r.p.m	1900/2880	150/200
Rated / Max. Cutting Torque	Nm	48/-	48/(118 water cooling)
Allowable Inertia Load Capacity (Horizontal)	kg · cm / sec.	-	
Allowable Workpiece Load	0°Horizontal	kg	Please refer to the manual
	0°~90°Tilt	kg	Please refer to the manual

Allowable Load (with clamping)	F	N	4000	
	FxL	Nm	500	
	FxL	Nm	310	
Net Weight		kg	-	
Electrical Specification		Electrical Specification		
Encoder		-	Subject to demand and controller	
Voltage (Back E.M.F)		Vrms/100rpm	Rotary axis : 14.2	
Rotor Poles		-	22	
Rated / Max. Current		Arms	26.1	
Power Rating		KW	9.7	0.76