

ROTARY TILTING TABLE with DD MOTOR

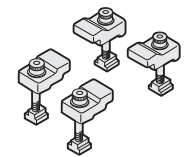
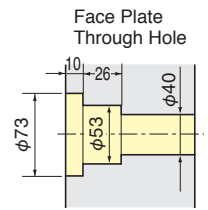
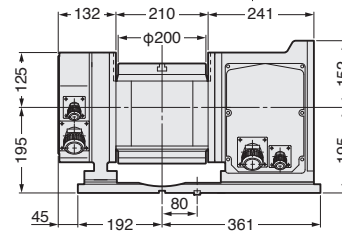
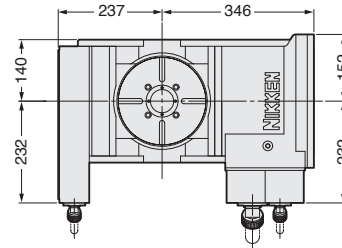
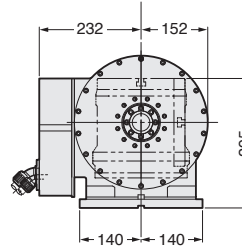
NIKKEN

5AX-DD200AF2 PAT.



WITH
FACE
PLATE

★The tilting axis center is located in the same position as the center of the rotary axis body.



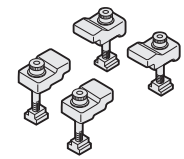
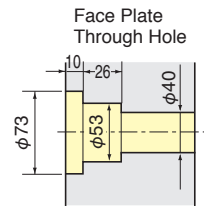
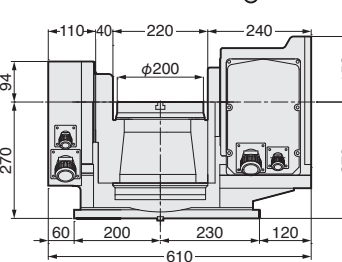
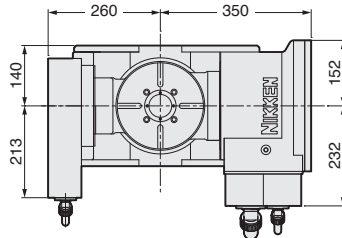
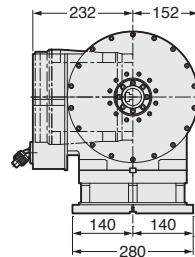
Clamp Device

5AX-DD201BF3 PAT.



WITH
FACE
PLATE

★The tilting axis center is located in the same position as the top surface of the rotary axis body.



Clamp Device

DD

Specifications The external dimension and the specification will be varied according to the DD motor. Please contact us.

Item / Code No.	5AX-DD200AF2		5AX-DD201BF3	
Diameter of Table	φmm	200	200	200
Diameter of Spindle Hole	φmm	53H7	53H7	53H7
Center Height (90°)	mm	195	270	270
Table Height in Horizontal Position (0°)	mm	295	270	270
Width of T Slot	mm	12H7	12H7	12H7
Axis	Rotary	Tilting (±110°)	Rotary	Tilting (±110°)
Clamping System	Pneumatic*1 (0.5MPa)	Pneumatic*1 (0.5MPa)	Pneumatic*1 (0.5MPa)	Pneumatic*1 (0.5MPa)
Clamping Torque	Nm	150	150	500
Motor (FANUC)	DiS60/400	DiS150/300	DiS60/600-B	DiS180/800-B
Encoder	α iCz 512A		α iCz 512A	
Min. Incremental	deg.	0.001	0.001	0.001
Rotation Speed	r/min	200	150	150
indexing Accuracy	sec.	±10	±15	±15
MAX. Torque	Nm	130	380	400
Constant Torque	Nm	24	73/170*2	34
Net Weight	kg	190	205	205
MAX. Work Load	0~30deg. kg	30	30	30
	0~90deg. kg	15	30	30

*1 Air Intensifying Booster system is available if the supplied air pressure is under 0.5MPa or the brake torque is required to increase. P.95

*2 Show the figures with cooling system. Please be careful that cooling by the special liquid may not be good for the chiller system.

When cooling system is used, please check the cooling system, and stop the DD motor when the unusual condition is found.

ROTARY TILTING TABLE with DD MOTOR

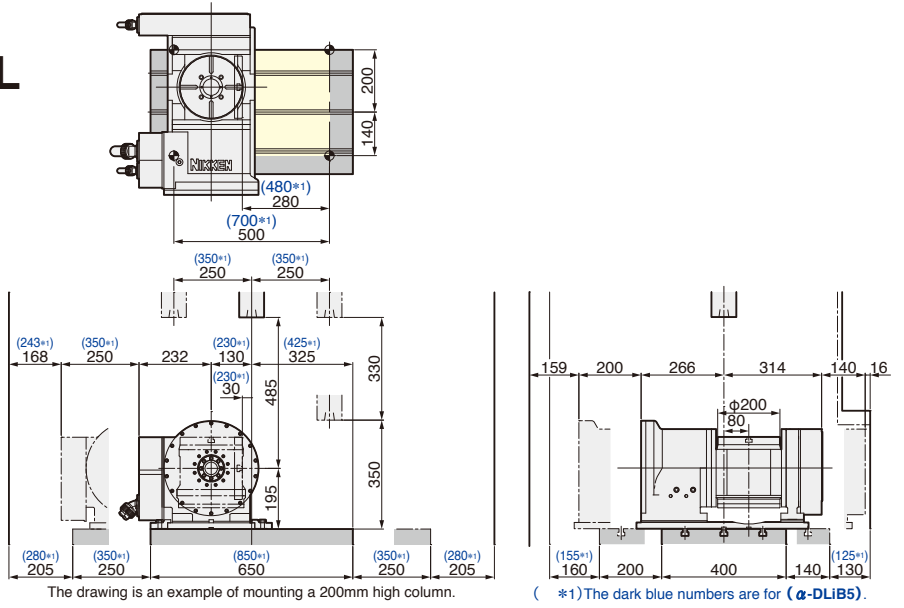


5AX-DD Table for FANUC ROBO DRILL 5AX-DD200AF2



WITH
FACE PLATE

Layout for the ROBO DRILL
with 200mm high column

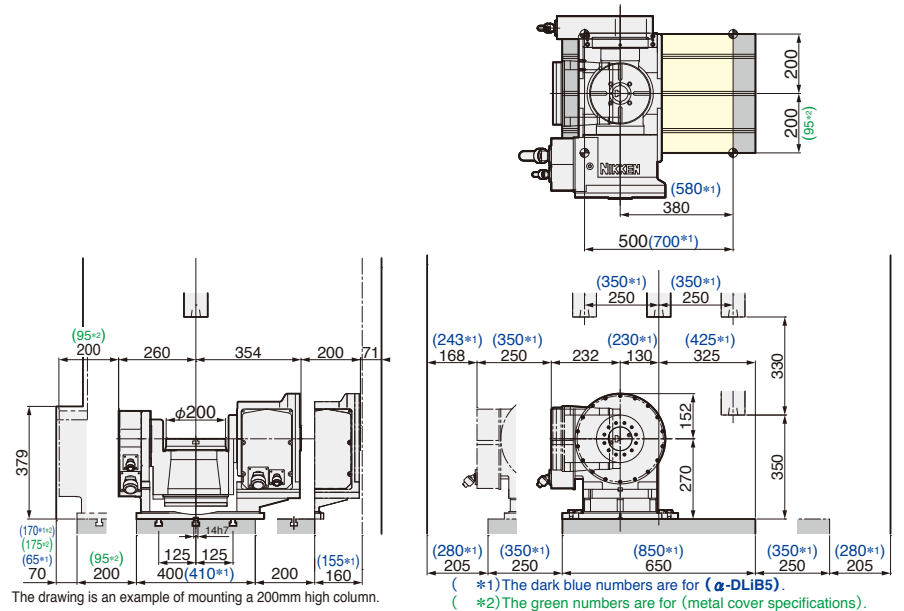


5AX-DD201BF3



WITH
FACE PLATE

Layout for the ROBO DRILL
with 200mm high column



The Area of Noninterference in Tilting Position.

Angle	5AX-DD200AF2	5AX-DD201BF3
-45° ∩ 45°		
-90° ∩ 90°		
-110° ∩ 110°		



5AX-DD200AF2