

ROTARY TILTING TABLE with DD MOTOR

NEW

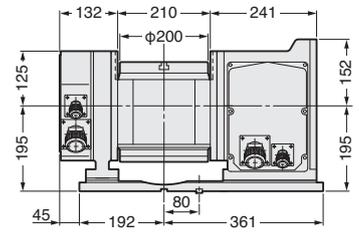
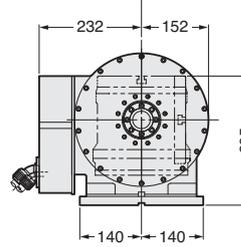
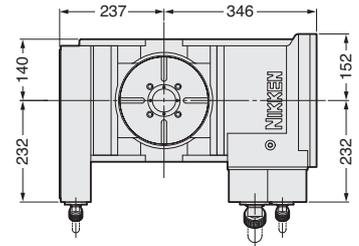
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- Indexing of 90° on Rotary Axis: Within 0.2sec.
- Tilting Axis : Within 0.3sec.



5AX-DD200A

5AX-DD200A



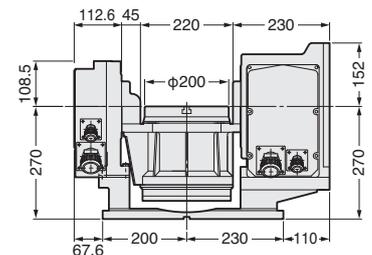
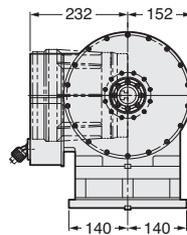
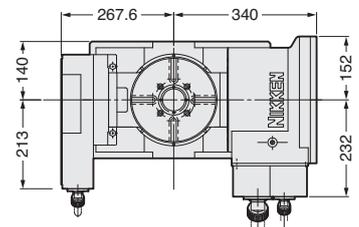
★*1 The tilting axis center is located in the same position as the center of the rotary axis body for 5AX-200A.

Suitable for the machining of the impeller.



5AX-DD200B

5AX-DD200B



★*1 The tilting axis center is located in the same position as the top surface of the rotary axis for 5AX-200B.

● Explanation of the Code No. (Example)

5AX - DD 200 A F 2

- Version
- Motor Maker
F: FANUC M: MELDAS Y: YASNAC
- Location of the tilting axis centre*1 A, B
- Diameter of Table: 200
- DD: With DD motor
- 5AX: Tilting rotary table

Specifications

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

Item / Code No.		5AX-DD200AF2*2		5AX-DD200BF2*2	
Diameter of Table	φmm	200		200	
Diameter of Spindle Hole	φmm	53H7		53H7	
Centre Height (90°)	mm	195		270	
Table Height in Horizontal Position (0°)	mm	295		270	
Width of T Slot	mm	12H7		12H7	
Axis		Rotary	Tilting	Rotary	Tilting
Clamping System		Air (0.5MPa)	Air (0.5MPa)	Air (0.5MPa)	Air (0.5MPa)
Clamping Torque Nm	Nm	150	500	150	500
Motor (FANUC)		DiS60/400	DiS150/300	DiS60/400	DiS150/300
Encoder		αiCz 512A		αiCz 512A	
Min. Incremental	deg.	0.001		0.001	
Rotation Speed	min ⁻¹	200	150	200	150
indexing Accuracy	sec.	±10	±15	±10	±15
MAX. Torque	Nm	130	380	130	380
Constant Torque	Nm	24	73/170*1	24	73/170*1
Net Weight	kg	190		185	
MAX. Work Load	0~30deg. kg	30		30	
	0~90deg. kg	15		30	

★The figure marked *1 shows the figure with cooling system.

★*2 The DD motors for the first version of 5AX-DD200A and 5AX-DD200B are ; Rotary: DiS85/400, Tilting: DiS260/300 This table shows the second version.

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5AX-DD Table for FANUC ROBO DRILL

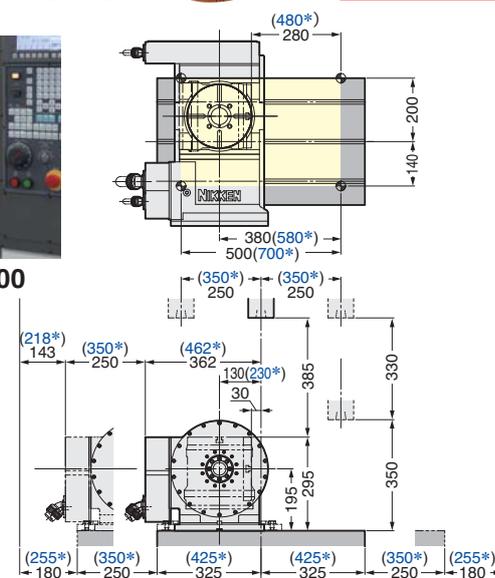
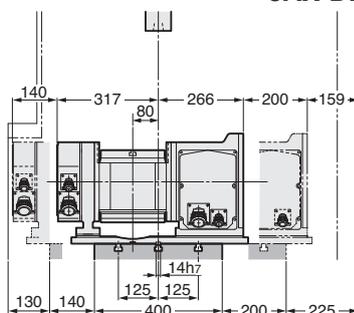
5AX-DD200AF2



Layout for the ROBO DRILL with 200mm high column



5AX-DD200

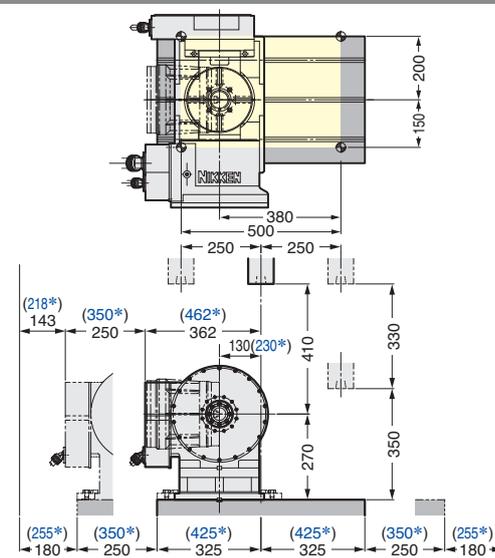
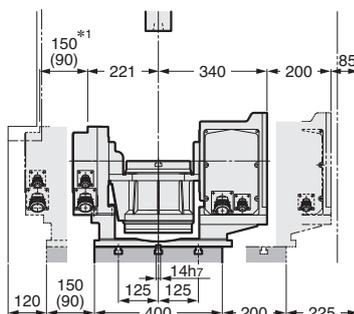


(*) : Figures with blue color is for α -T14iFL / α -T21iFL.

5AX-DD200BF2



Layout for the ROBO DRILL with 200mm high column



(*) : Figures with blue color is for α -T14iFL / α -T21iFL.

*1 The stroke restriction of 50mm for the standard cover.
The stroke restriction of 110mm for the metal cover.

The Area of Noninterference in Tilting Position.

Angle	5AX-DD200AF2	5AX-DD200BF2
-45° ∩ 45°		
-90° ∩ 90°		
-110° ∩ 110°		

Accuracy Standard

No.	Measuring Item	Measuring Method	5AX-DD200AF2	5AX-DD200BF2
1	Parallelism between table surface and frame bottom at tilting angle 0°		0.01mm	0.01mm
2	Deviation of table surface at tilting angle of 0°		0.01mm	0.01mm
3	Deviation of table centre hole at tilting angle 0°		0.01mm	0.01mm
4	Displacement of centre when moving from 0° to 90° at tilting angle 90°		0.015mm	0.015mm
5	Parallelism between table surface and centre line of guide key at tilting angle 90°		0.01mm	0.01mm
6	Indexing accuracy of rotary axis		±10"	±10"
7	Repeatability of rotary axis		4"	4"
8	Indexing accuracy of tilting axis	累積	±15"	±15"
9	Repeatability of tilting axis		6"	6"