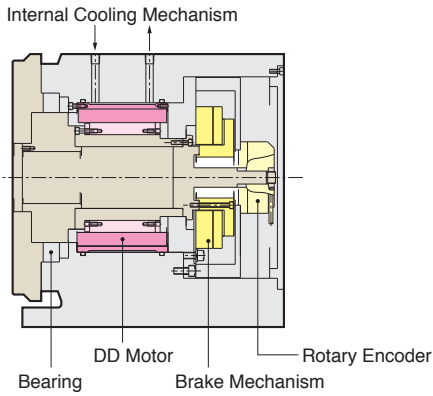


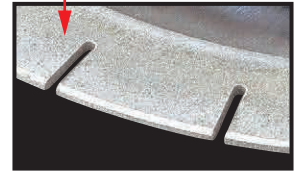
CNC ROTARY TABLE with DD MOTOR



There is no mechanical reduction mechanism such as worm system in a rotary table with DD motor. DD (Direct Drive) motor is built in the the rotary table to drive directly. High rotation speed and high acceleration/deceleration can be done. However, the driving torque of the rotary table is not strong due to no mechanical reduction mechanism. Therefore, the suitable application of the rotary table with DD motor must be selected.

- High Response : 150r/min (DD251)
- High Response of Micro Spike Clamping System

Micro Spike



Configuration

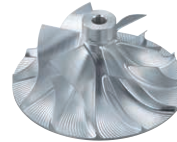
● Explanation of the Code No. (Example)

DD 251 F - 150

- DD: rotary table with DD motor
- Diameter of Table 180, 250, 400
- Position of the Motor Cover No Letter: Right L: Left
- Motor Maker F: FANUC M: MELDAS Y: YASNAC Z: SIEMENS E: Etel
- Code No. of the DD Motor

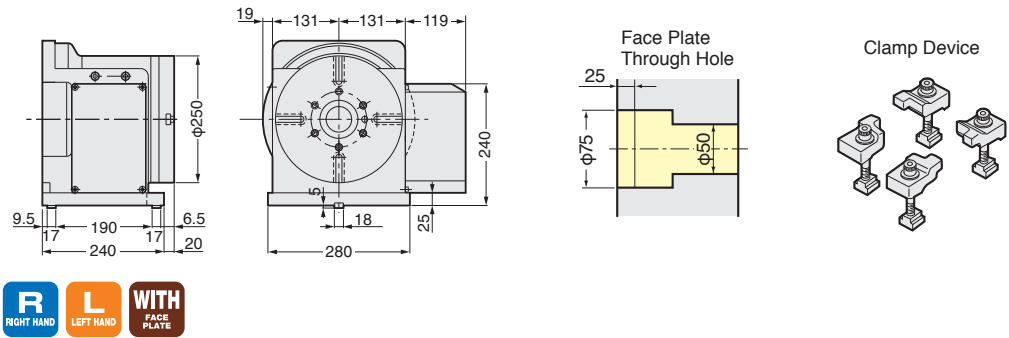
High-Acceleration / High-Speed / Compact Unit

- Suitable for the machining of the impeller.



Suitable for the machining of the impeller.

DD251F-150



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

| Item / Code No. | DD180F-60 | DD251F-150 | DD400F-250 |
|------------------------------|----------------------|--------------|--------------------|
| Diameter of Table φmm | 180 | 250 | 400 |
| Diameter of Spindle Hole φmm | φ30H7 | φ75H7 | φ100H7 |
| Center Height mm | 135 | 170 | 230 |
| Width of T Slot mm | 12H7 | 12H7 | 14H7 |
| Clamping System | Pneumatic*1 (0.5MPa) | | |
| Clamping Torqyue Nm | 150 | 500 | 1000 |
| Motor (FANUC) | DiS60/400 | DiS180/800-B | DiS250/250 |
| Encoder | α iCz Sensor 512A | | α iCz Sensor 1024A |
| Min. Incremental deg. | 0.001 | | |
| Rotation Speed r/min | 200 | 150 | 125 |
| indexing Accuracy sec. | ±10 | | |
| Net Weight kg | 70 | 105 | 245 |
| MAX. Work Load kg | 50 | 100 | 250 |
| MAX. Torque Nm | 130 | 380 | 600 |
| Constant Torque Nm | 24/65*2 | 73/170*2 | 120/225*2 |
| Necessary Cooling Capacity w | 1500 | 1600 | 1200 |

*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.