



Equipped with Roller Evolution Drive Rotary Table

Product Model Example : RED200LFAB-M

RED 200 L F A B - M

With/Without Motor

- M** M : With Motor (Without Clamping)
- MB** MB : With Motor (With Clamping)
- Non** Non : Without Motor

Roller Evolution Drive
Code No. of Rotary Tables Equipped with Roller Evolution Drive

Motor mounting location

- L** L : Left mount
- Non** Non : Right mount

Type of motor

- A** A : AC Servo
- Non** Non : DC Servo

With/Without Mechanical Clamping

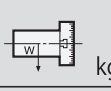
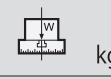



- B** B : With Mechanical Clamping
- Non** Non : Without Mechanical Clamping

φmm : Dia. of Rotary Table Face Plate (Rough figure)

Code No. of Motor Maker

★ No mechanical brake setting is available only for RED200 and RED300. RED400 and RED500H are always with brake.

Specification

Item / Code No.		RED200	RED300	RED400	RED500H
Diameter of Table	φ mm	206	310	406	500
Diameter of Spindle Hole	φ mm	φ60H7	φ90H7	φ105H7	φ130H7
Center Height	mm	135	170	230	310
Width of T Slot *1	mm	—	—	—	—
Clamping System		Pneumatic (0.5MPa)	Pneumatic (0.5MPa)	Hydraulic (3.5MPa)	Hydraulic (3.5MPa)
Clamping Torque	N·m	600	1430	2000	5000
Servo Motor (with brake)		αiS4/5000-B	αiS8/4000-B	αiS22/4000-B	αiS40/4000-B
MIN. Increment		0.001°	0.001°	0.001°	0.001°
Total Reduction Ratio		1/60	1/60	1/60	1/60
Rotation Speed *2 *3	r/min	50(60)	50(60)	50(60)	50(60)
Indexing Accuracy	sec	±20	±15	±15	±10
Repeatability	sec	4	4	4	4
MAX. Work Load on the Table	Vertical  kg	100	175	250	—
	Horizontal  kg	200	350	500	1000
Guide Line of MAX. Unbalancing Load *3	 N·m	35	100	200	—
MAX. Work Inertia *3	Vertical  kg·m ²	2.09	8.6	15.4	53.2
Driving Torque *3	 N·m	216	432	1188	2160
Optional (Flange plate type) Rotary Joint max. number of ports		9+1	10+1	10+1	12+1
Net Weight	kg	65	123	250	400

* 1 : T-slotted faceplate is available as an option. Please order as required.
 * 2 : The standard rotation speed of motor is 3000min⁻¹. The rotation speed in () is for the rotation speed of a motor is 3600min⁻¹. It is possible to accommodate some workpieces and jig fixture shapes.
 * 3 : Table speed, allowable work inertia, continuous holding torque, and maximum unbalance load are values for FANUC motors.