

Standard type

RWB RWB-250·320·400·500



RWB-400R

Unit: mm

Our flagship models equipped with state-of-the-art TSUDAKOMA technology. It realizes stronger clamping torque and strength of worm gears than previous model. A larger through-bore size enables more ports number of rotary joint.

Specifications

RWB		RWB-250	RWB-320	RWB-400	RWB-500		
RWB-K RNCK	Handedness	R	○	○	○		
		L	○	○	○		
RCH RNC	Table diameter	φ250	φ320	φ400	φ500		
	Center height	160	210	255	310		
RCV RNCV	Center bore	Nose diameter	φ105	φ150	φ200	φ220	
		Through-bore	φ80	φ120	φ160	φ181	
Multi-Spindle RWM	Table T-slot width*1	12H7	14H7	14H7	18H7		
	Guide block width	18h7	18h7	18h7	18h7		
TWA/TN	Servo motors (for FANUC)	αiF8	αiF12	αiF12	αiF12		
TTNC	Inertia converted into motor shaft	× 10 ⁻³ kg·m ²	1.27	3.53	4.63	4.25	
THNC	Net weight	kg	125	250	360	620	
	Speed reduction ratio		1/90	1/120	1/120	1/180	
Multi-Spindle TWM	Table max. rpm	min ⁻¹	22.2	16.6	16.6	11.1	
		(Motor rpm: 2,000min ⁻¹)					
RDS	Indexing accuracy (the sum)	sec	14	14	14	14	
	Clamp system		Hydraulic or air-hydraulic*2	Hydraulic or air-hydraulic*2	Hydraulic or air-hydraulic*2	Hydraulic or air-hydraulic*2	
RTV RTT	Clamp torque	Hydraulic pressure 3.5Mpa	N·m	1,300	3,100	5,500	7,600
RCB	Strength of worm gears	N·m	1,011	2,127	3,958	5,601	
NC Controllers	Allowable work weight	Vertical setting	kg	175	250	300	600
		Vertical setting (with tailstock)		350	500	600	1,200
Accessories		Vertical setting (with SSB)		900	1,500	1,800	3,600
Options		Horizontal setting	kg	350	500	600	1,200
Technical Information	Allowable load (when table is clamped)	F	N	35,000	89,000	109,000	240,000
		F×L	N·m	1,300	3,100	5,500	7,600
		F×L	N·m	1,500	5,300	7,800	17,000
		Allowable work inertia	kg·m ²	7	19	36	112

☞ Servo motors of other manufacturers **P.66**

* 1 The tolerance of the table T-slot width is applicable to four standard slots arranged crosswise. * 2 Option

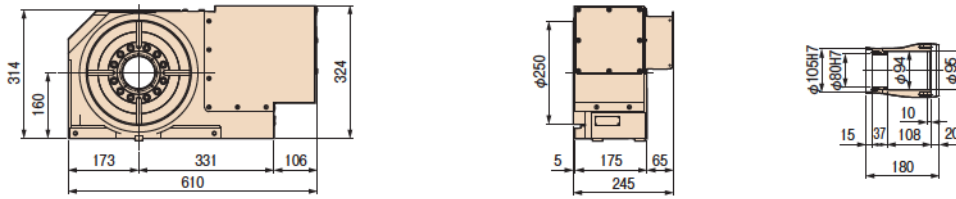
For tables with a diameter of 800 or more, please order a big bore type of the following models:

Tables diameter	Model	Center bore	Specifications
φ 800	RCV-800	φ360	P.26
φ 1000	RCV-1000	φ410	P.26
φ 1250	RCV-1250	φ500	P.26

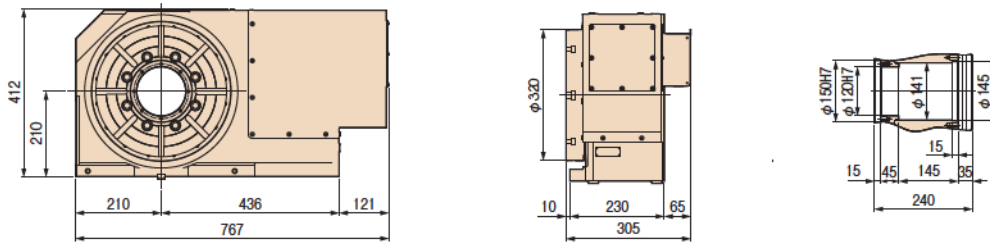
Dimensions

Unit: mm

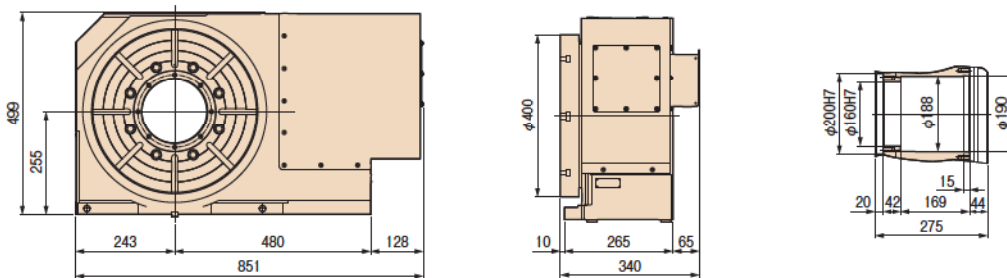
RWB-250R



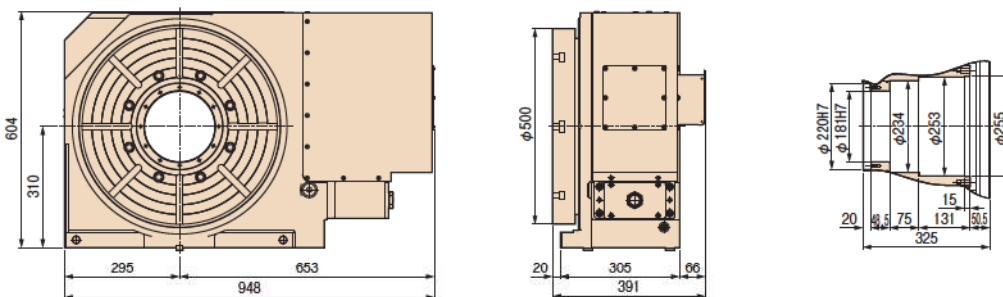
RWB-320R



RWB-400R



RWB-500R



Note: The above dimensions are for FANUC servo motors. The dimensions of servo motors of other manufacturers may be larger.

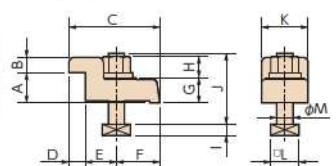
Clamping block and bolt

Unit: mm

	Type	Q'ty	T-slot pitch	T-slot width	A	B	C	D	E	F	G	H	I	J	K	L	M
RWB-250	I	4	50~125	18	25	12	80	12	33	35	22	21	11	65	40	28	16
RWB-320	I	4	73~162	18	30	15	90	16	31	43	25	21	11	70	46	28	16
RWB-400	I	4	73~193	18	30	15	90	16	31	43	25	21	11	70	46	28	16
RWB-500	I	4	73~233	18	40	20	110	18	42	50	25	21	11	70	46	28	16

Note: When using a machine with a T-slot pitch other than the above, use suitable clamping blocks and bolts that are available on the market, or order custom-made ones from TSUDAKOMA. (Option)

Type I



- RBS
- TBS
- RWE/RWA
RN
- RWE/RWA-B
RNCV-B
- RNCM
- RWB**
- RWB-K
- RNCK
- RCH
- RNC
- RCV
- RNCV
- Multi-Spindle
RWM
- TWA/TN
- TTNC
- THNC
- Multi-Spindle
TWM
- RDS
- RTV
- RTT
- RCB
- NC Controllers
- Accessories
- Options
- Technical Information