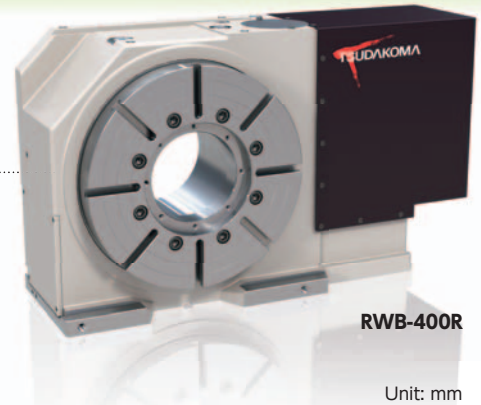


Standard type

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	
Handedness	R	○	○	○	○	
	L	○	○	○	○	
Table diameter		φ250	φ320	φ400	φ500	
Center height		160	210	255	310	
Center bore	Nose diameter	φ105	φ150	φ200	φ220	
	Through-bore	φ80	φ120	φ160	φ181	
Table T-slot width*1		12H7	14H7	14H7	18H7	
Guide block width		18h7	18h7	18h7	18h7	
Servo motors (for FANUC)		αiF8	αiF12	αiF12	αiF12	
Inertia converted into motor shaft × 10 ⁻³ kg·m ²		1.27	3.53	4.63	4.25	
Net weight kg		125	250	360	620	
Speed reduction ratio		1/90	1/120	1/120	1/180	
Table max. rpm min ⁻¹ (Motor rpm: 2,000min ⁻¹)		22.2	16.6	16.6	11.1	
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	
Clamp torque /Hydraulic pressure 3.5Mpa N·m		1,300	3,100	5,500	7,600	
Strength of worm gears N·m		1,011	2,127	3,958	5,601	
NC Controllers	Vertical setting  kg	175	250	300	600	
	Allowable work weight	Vertical setting (with tailstock)	350	500	600	1,200
		Vertical setting (with SSB)	900	1,500	1,800	3,600
Accessories	Horizontal setting  kg	350	500	600	1,200	
	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	
Options	Allowable work inertia $J = \frac{W \cdot D^2}{8}$  kg·m ²	7	19	36	112	
	Technical Information					

 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	φ 360	P.26
φ 1000	RCV-1000	φ 410	P.26
φ 1250	RCV-1250	φ 500	P.26