

Standard type – Hydraulic –

RBH RBH-160•250•320

TSUDAKOMA BallDrive NC rotary table with new hydraulic clamp specification.

Selection can be made according to the fluid in the operating environment.

Increase machining efficiency and productivity of various workpieces.



RBH-250R

Unit: mm

仕様

		RBH-160	RBH-250	RBH-320
Handedness	R	○	○	○
	L	○	○	○
Spindle diameter		φ 100	φ 140	φ 180
Table diameter		φ 160 or φ 200 (Option)	φ 250 (Option)	φ 320 (Option)
Center height		160	210	255
Center bore	Nose diameter	φ 55H7×45	φ 80H7×45	φ 115H7×45
	Through-bore	φ 40	φ 50	φ 85
Table T-slot width		12H8	12H8	14H8
Guide block width		14 h 7	18 h 7	18 h 7
Servo motors (for FANUC)		α iS4	α iS8	α iS12
Inertia converted into motor shaft	× 10 ⁻³ kg·m ²	0.19	0.42	2.24
Net weight	kg	60	110	210
Speed reduction ratio		1/36	1/36	1/36
Table max. rpm	min ⁻¹ (Motor rpm: 3,000min ⁻¹)	83.3	83.3	83.3
Indexing accuracy (the sum)	arcsec	15	15	15
Clamp system		Hydraulic	Hydraulic	Hydraulic
Clamp torque / Hydraulic pressure 3.5Mpa	N·m	500	1,000	1,500
Allowable work weight	Vertical setting () : with tailstock kg	100 (200)	125 (250)	175 (350)
	Horizontal setting kg	200	250	350
Allowable load (when table is clamped)	F N	10,800	14,400	24,800
	F×L N·m	500	1,000	1,500
	F×L N·m	780	1,900	4,700
Allowable work inertia	$J = \frac{W \cdot D^2}{8}$ kg·m ²	0.64	1.95	4.48

CE correspondence model

Tech.Info. Servo motors of other manufacturers **P.70** When assembling a faceplate or a fixture with the main spindle **P.81**

Option High-precision Spec. **P.66** Rotary Joint **P.68**

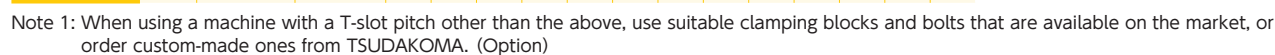
RBH-160R

*3 Hydraulic feed port and bleed plug are attached to the top of the frame for horizontal setting only.
 •Size 250 can be used either horizontally or vertically. It cannot be used both horizontally and vertically.

*3 Hydraulic feed port and bleed plug are attached to the top of the frame for horizontal setting only.
 •Size 320 can be used either horizontally or vertically. It cannot be used both horizontally and vertically.

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

Unit: mm

Type I

Note 2: Clamping blocks are not included with the RBH-160.