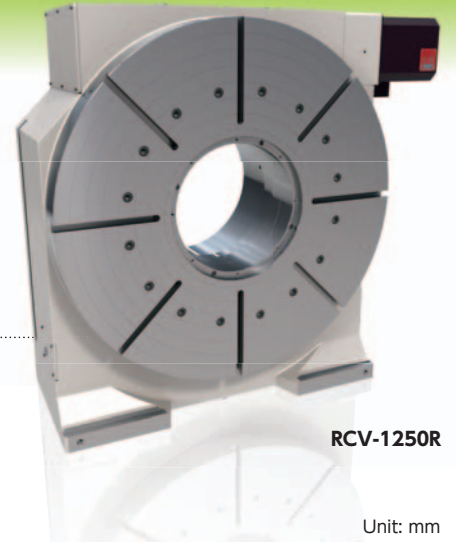


Horizontal motor mounting type

RCV RCV-800•1000•1250

RNCV RNCV-1501









RCV-1250R

Unit: mm

Standard model with the motor mounted horizontally onto the side of the body. A powerful hydraulic clamping mechanism is also equipped with this model.

Specifications

		RCV-800	RCV-1000	RCV-1250	RNCV-1501
Handedness	R	○	○	○	—
	L	—	—	—	○
	K	○	○	○	—
Table diameter ():option		φ800 (φ1,000)	φ1,000 (φ1,200)	φ1,250 (φ1,500)	φ1,500
Center height		530	625	775	950
Center bore	Nose diameter	φ360H7×45	φ410H7×75	φ500H7×25	φ75H7
	Through-bore	φ310	φ360	φ450	—
Table T-slot width*1		18H7	22H7	22H7	28H7
Guide block width		22h7	22h7	22h7	28h7
Servo motors (for FANUC)		αiF12	αiF22	αiF22	αiF22
Inertia converted into motor shaft $\times 10^{-3}\text{kg}\cdot\text{m}^2$ [$\times 10^{-3}\text{kgf}\cdot\text{cm}\cdot\text{sec}^2$]		4.89 [49.9]	8.24 [84.1]	5.04 [51.4]	12.8 [130.2]
Net weight kg		1,350	2,500	4,200	7,000
Speed reduction ratio		1/360	1/360	1/720	1/720
Table max. rpm min^{-1} (Motor rpm: 2,000 min^{-1})		5.5	5.5	2.7	2.7
Indexing accuracy (the sum) sec		15	15	15	15
Clamp system		Hydraulic or air-hydraulic*2	Hydraulic	Hydraulic	Hydraulic or air-hydraulic*2
Clamp torque $\text{N}\cdot\text{m}$ /Hydraulic pressure 3.5Mpa [35kgf/cm ²] [$\text{kgf}\cdot\text{m}$]		7,000 [714]	20,000 [2,040]	33,000 [3,363]	17,650 [1,800]
Strength of worm gears $\text{N}\cdot\text{m}[\text{kgf}\cdot\text{m}]$		7,840[800]	13,230[1,350]	25,000[2,548]	21,560[2,200]
Allowable work weight	Vertical setting  kg	2,000 (4,000)	3,500 (7,000)	7,000 (14,000)	2,000 (5,000)
	() :with tailstock Horizontal setting  kg	4,000	7,000	14,000	5,000
Allowable load (when table is clamped)	F  N [kgf]	100,000 [10,204]	185,000 [18,878]	383,000 [39,041]	58,800 [6,000]
	F×L  $\text{N}\cdot\text{m}$ [$\text{kgf}\cdot\text{m}$]	7,000 [714]	20,000 [2,040]	33,000 [3,363]	17,650 [1,800]
	F×L  $\text{N}\cdot\text{m}$ [$\text{kgf}\cdot\text{m}$]	11,600 [1,184]	22,900 [2,337]	56,700 [5,779]	19,600 [2,000]
Allowable work inertia $J = \frac{W \cdot D^2}{8}$  $\text{kg}\cdot\text{m}^2$ [$\text{kgf}\cdot\text{cm}\cdot\text{sec}^2$]	320 [3,265]	874 [8,918]	2,734 [27,886]	2,255 [23,000]	

☞ 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