

Rear motor mounting type

RNA-B RNA-160R,B · 200R,B
250R,B · 320R,B

RNCV-B RNCV-401R,B






One of the most popular models of the rear motor mounting type. Suitable for mounting on a compact machine tool for space saving.



RNA-250R,B

Specifications

Unit : mm

		RNA-160R,B	RNA-200R,B	RNA-250R,B	RNA-320R,B	RNCV-401R,B	
RNCV	Handedness	R	○	○	○	○	
		L	—	—	—	—	
Multi-Spindle RN-N	Spindle diameter	φ100	φ120	φ140	φ180	—	
RZ	Table diameter *1	φ160 or 200 (Option)	φ200 or 250 (Option)	φ250 (Option)	φ320 (Option)	φ400	
TN	Center height	135	160	160	210	255	
TTNC	Center bore	Nose diameter	φ55H7×45	φ65H7×45	φ80H7×45	φ115H7×45	φ40H7×21
		Through-bore	φ40	φ45	φ50	φ85	φ40
THNC	Table T-slot width *1	12H8	12H8	12H8	14H8	18H7	
Multi-Spindle TTNC-N	Guide block width	14h7	18h7	18h7	18h7	18h7	
RC RH	Servo motors (for FUNAC)	αiF2	αiF4	αiF4	αiF8	αiF8	αiF12
		Inertia converted into motor shaft ×10 ⁻³ kg·m ²	0.56	0.56	0.64	0.97	0.84
RUA	Net weight kg	53	56	77	95	165	330
TSUA	Speed reduction ratio	1/72		1/72	1/90	1/120	1/180
		Table max. rpm min ⁻¹ (Motor rpm: 3,000min ⁻¹)	41.6	41.6	33.3	25	11.1
RTV RTT	Indexing accuracy (the sum) sec	25	20	20	20	15	
NC Controllers	Repeatability arc sec	4	4	4	4	4	
Accessories	Clamp system	Pneumatic		Pneumatic	Pneumatic	Pneumatic	Hydraulic or Air-hydraulic (optional)
		Clamp torque / pneumatic pressure 0.49MPa N·m	500	800	1000	1500	1,764 (Hydraulic pressure 3.5Mpa)
Options	Strength of worm gears N·m	206	288	596	939	1,666	
Technical Information	Allowable work weight	Vertical setting  kg	100 (200)	125 (250)	125 (250)	175 (350)	200 (500)
		() : with tailstock					
		F  N	10,800	14,400	14,400	24,800	39,200
		Allowable load (when table is clamped) F×L  N·m	500	800	1,000	1,500	1,764
F×L  N·m	780	1,900	1,900	4,700	2,450		
Allowable work inertia $J = \frac{W \cdot D^2}{8}$  kg·m ²	0.64	1.25	1.95	4.48	9.7		

☞ Servo motors of other manufacturers **P.65**

☞ When assembling a faceplate or a fixture with the main spindle (RNA-B-series) **P.75**

*1 The tolerance of the table T-slot width is applicable to four standard slots arranged crosswise. ☞ Dimensions **P.59**