

RN-100-2,3,4 | RWM-160R-2,3,4/200R-2,3,4/250R-2,3,4/320R-2,3,4/RBM-160

MULTI-FACE PLATE, MULTI-SPINDLE TABLE • PNEUMATIC CLAMPING

These high speed, multi-spindle rotary tables are particularly suited for multi-spindle vertical machining centers. The compact, multi-spindle RN-100 is ideal for use on drilling and tapping machines.



RN-100R-4

Table Model			RN-100			RWM-160R			RWM-200R			RWM-250R			RWM-320R			RBM-160					
Versions available			R, L			R,L			R,L			R,L			R,L			R/L					
Spindle outer diameter			mm			80h7			100h7			120h7			140h7			180h7			100h7		
Table diameter (optional)			mm			(115)			(160)			(200)			(250)			(320)			(160)		
Center height			mm			135			135			160			160			210			135		
Center bore	Nose Diameter		mm			50H7			55H7			65H7			80H7			115H7			55H7		
	Thru Diameter		mm			30			40			45			50			85			40		
Table T-slot width (with face plate)						(10H8)			(12H8)			(12H8)			(12H8)			(14H8)			(12H8)		
Minimum spindle center distance						120			215			250			320			400			215		
Guide block width						18h7			14h7			18h7			18h7			18h7			14H7		
Servo motor (Fanuc)*						Alpha 4i			160R-2 uses Alpha 4i 160R-3,4 use Alpha 8i			Alpha 8i			Alpha 8i			Alpha 8i			Alpha 4i		
Maximum motor speed			rpm			5,000			5,000			4,000			4,000			4,000			5,000		
Speed reduction ratio						1/36			1/72			1/72			1/120			1/120			1/72		
Number of spindles						2 3 4			2			2			2 3			2 3			2		
Maximum table speed			rpm			138.9			69.4			55			16.6			16.6			69.4		
Inertia converted into motor shaft x 10 ⁻³ kg·m ²						.64 .92 1.06			.31			.55			.55 .82			1.07 1.61			.31		
Clamp system			Pneumatic																				
Clamp torque @72psi			Nm (ft. lbs.)			80 (59)			500 (368)			800 (590)			1,000 (737)			1,500 (1,106)			500 (368)		
Indexing accuracy			arc sec.			±30			±12.5			±10			±20			±20			±12.5		
Net Weight [dual spindle]			kg (lbs.)			70-110 (154-242)			[105 (231)]			[155 (341)]			[210 (462)]			[380 (837)]			[105 (231)]		
Allowable wheel torque			Nm (ft. lbs.)			178 (131)			206 (151)			288 (212)			80 (176)			145 (319)			206 (151)		
Allowable work inertia			kg·m ²			.10			.64			1.25			1.95			4.48			.64		
Allowable work weight		kg (lbs) [w/ tailstock]	25 (55) [50 (110)]			100 (220) [175 (385)]			125 (275) [250 (550)]			125 (275) [250 (551)]			175 (385) [350 (771)]			100 (220)					
		kg (lbs)	50 (110)			-			-			-			-			-					
Allowable load when table clamped		N (lbf)	5,880 (1,317)			10,800 (2,418)			14,400 (3,211)			14,400 (10,621)			24,800 (18,292)			10,800 (2,418)					
		Nm (ft. lbs.)	80 (59)			500 (368)			800 (590)			1,000 (737)			1,500 (1,106)			500 (368)					
		Nm (ft. lbs.)	156 (115)			780 (574)			1,900 (1,400)			1,900 (1,401)			4,700 (3,466)			780 (574)					

* Other motors & RPM available
Specifications subject to change without notice