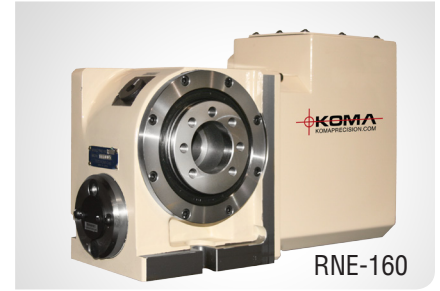


RNE-160, 200

COMPACT • MASSIVE CLAMP TORQUE

The RNE Series tables' offer speeds ranging from 25 to 44.4 RPM and indexing accuracies ranging from 10 to 12.5 arc seconds. These compact, high-speed, high-quality RNE Series tables offer economy line pricing while retaining high clamp torque and increased production performance.



RNE-160

Specifications ►

Dimensions = mm

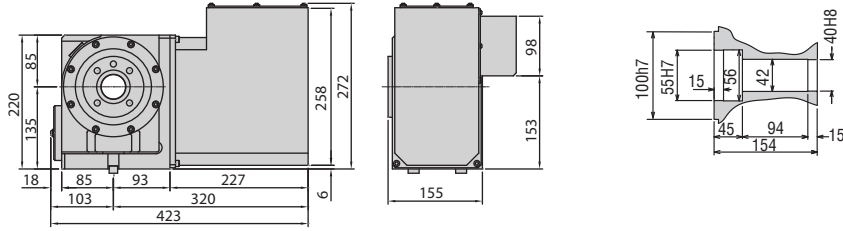
Table Model		RNE-160	RNE-200
Versions available		R, L	R, L
Spindle outer diameter	mm	100h7	120h7
Table diameter (optional)	mm	(160, 200)	(200, 250)
Center height	mm	135	160
Center bore	Nose Diameter	mm	55H7
	Thru Diameter	mm	40
Table T-slot width (with faceplate)		(12H8)	(12H8)
Guide block width		14h7	18h7
Servo motor*		Alpha 4i	Alpha 4i
Maximum motor speed	rpm	5,000	5,000
Speed reduction ratio		1/90	1/90
Maximum table speed	rpm	55.5	55.5
Inertia converted into motor shaft	$\times 10^{-3} \text{kg} \cdot \text{m}^2$	.09	.17
Clamp system		Pneumatic Disc Clamp	
Clamp torque @72psi	Nm (ft. lbs.)	250 (180)	400 (295)
Indexing accuracy	arc sec.	± 12.5	± 10
Repeatability	arc sec.	± 2	± 2
Net Weight	kg (lbs.)	44 (97)	62 (136)
Allowable wheel torque	Nm (ft. lbs.)	206 (152)	288 (212)
Allowable work inertia	$\text{kg} \cdot \text{m}^2$	.48	1.25
Allowable work weight [with tailstock]	 kg (lbs)	75 (165) [150 (330)]	100 (220) [250 (550)]
	 kg (lbs)	150/330	250/550
Allowable load when table clamped	 Nm (ft. lbs.)	7,840 (1,762)	13,720 (3,085)
	 Nm (ft. lbs.)	250 (180)	400 (295)
	 Nm (ft. lbs.)	392 (290)	980 (723)

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

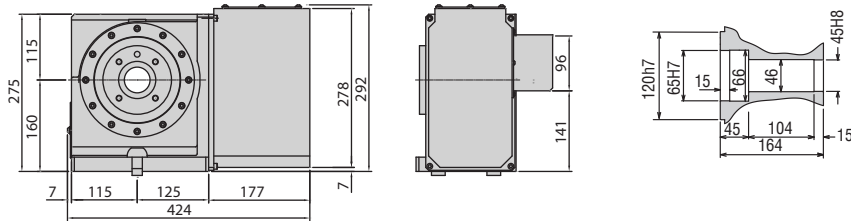
Dimensions ►

Drawings not to scale • Dimensions = mm

RNE-160



RNE-200



The dimensions above are for tables with a FANUC servo motor. Other motors available (dimensions may increase).

Options & Accessories

TPC NC Controller	p.66
Chucks	p.77
Tailstock	p.79
Support Spindle	p.79
Face Plate	p.81
Encoder / Scale	p.82
Pull Stud Device	p.83
Rotary Joint	p.83
PVC or Steel Cables	p.84

Clamping Block and Bolt ►

Dimensions = mm

	Type	Q'ty	T-Slot Width	A	B	C	D	E	F	G	H	I	J	K	L	M
RWE-160	-	2	14	-	-	-	-	-	-	-	17	8	60	-	23	12
RWE-200	-	2	18	-	-	-	-	-	-	-	21	11	65	-	28	16

Note 1: When using a machine with a T-slot pitch other than the above, use suitable clamping blocks and bolts that are available on the market, or order custom-made ones from KOMA (opt.)

Note 2: Clamping blocks are not included in RWE-160 and RWE-200.

Type I

