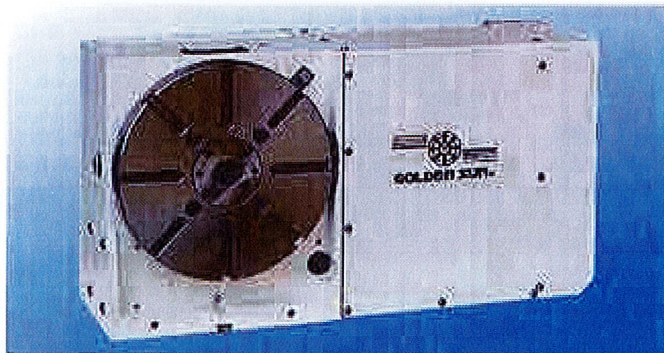
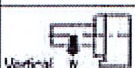
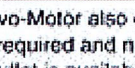




- ◆ A combination of high precision bronze / nickel worm wheel and case hardened steel worm screw ensures long term indexing accuracy.
- ◆ Multi-Points pneumatic brake system offers superior clamp torque, insures smooth machining without deflection under a heavy load.
- ◆ Whatever interfaces as a true 4th for both continuing and positioning machining or a M-code Indexer for positioning machining.

MODEL NO : CNC -251 R A

- Indexing accuracy class
- Motor position at right-side and horizontal installed
- Table Dia
- Type of CNC Rotary Table

ITEM / MODEL		CNC-101R	CNC-151R	CNC-201R	CNC-251R	CNC-321R
Table Dia (mm/inch)		120 / 4.72	150 / 5.9	200 / 7.87	250 / 9.84	320 / 12.60
Center Height in Vertical (mm / inch)		115 / 4.53	135 / 5.31	135 / 5.31	185 / 7.28	210 / 8.27
Table Height in Horizontal (mm / inch)		170 / 6.69	165 / 6.5	165 / 6.5	200 / 7.87	240 / 9.45
Over all Height in Vertical Without Motor Cover (mm / inch)		193 / 7.60	240 / 9.45	240 / 9.45	315 / 12.4	380 / 14.96
Thru-Hole Dia (mm / inch)		30 ^{mm} / 1.18 ⁱⁿ	35 ^{mm} / 1.37 ⁱⁿ	35 ^{mm} / 1.37 ⁱⁿ	52 ^{mm} / 2.05 ⁱⁿ	105 ^{mm} / 4.13 ⁱⁿ
Width of T-slot (mm / inch)		10 ^{mm} / 0.39 ⁱⁿ	12 ^{mm} / 0.47 ⁱⁿ	12 ^{mm} / 0.47 ⁱⁿ	12 ^{mm} / 0.47 ⁱⁿ	14 ^{mm} / 0.55 ⁱⁿ
Width of Guide Block (mm / inch)		14 ^{mm} / 0.55 ⁱⁿ	18 ^{mm} / 0.71 ⁱⁿ	18 ^{mm} / 0.71 ⁱⁿ	18 ^{mm} / 0.71 ⁱⁿ	18 ^{mm} / 0.71 ⁱⁿ
Servo motor type	MELDAS	HA-33	HA-40	HA-40	HA-40	HA-80, 100
	FANUC	$\alpha 2$	$\alpha 3$	$\alpha 3$	$\alpha 3$	$\alpha 12$
Gear Ratio		1:90	1:90	1:90	1:180	1:180
Min. Indexing Unit degree (degree)		0.001°	0.001°	0.001°	0.001°	0.001°
Max. R.P.M. (rpm) (motor : 2000 / rpm)		22.2	22.2	22.2	11.1	11.1
Pneu. clamp force (kg·m) (P:5kg / cm ²)		12	25	25	47	71
Hydro. clamp force (kg·m) (P:20kg / cm ²)		24	50	50	94	142
Indexing Accuracy Class (sec.)		60"	A 25"	A 25"	A 15"	A 15"
		60"	S 50"	S 50"	S 30"	S 30"
Repeatability (sec.)		±3"	±3"	±3"	±2"	±2"
Max. Machining Force (kg·m)		12	23	23	45	78
N.W. (kgs)		28	70	84	124	210
Max. Load	Vertical 	W=35 kg	W=75 kg	W=100 kg	W=125 kg	W=150 kg
	Horizontal 	W=75 kg	W=150 kg	W=200 kg	W=300 kg	W=350 kg
Max. Radial Load		F=600 kg	F=800 kg	F=822 kg	F=1208 kg	F=1375 kg
		FxL=6 kg·m	FxL=11.2 kg·m	FxL=13 kg·m	FxL=18.2 kg·m	FxL=26 kg·m
		FxL=12 kg·m	FxL=40 kg·m	FxL=50 kg·m	FxL=72 kg·m	FxL=92 kg·m
Max. Working Inertia		1.38 kg·cm·sec ²	4.08 kg·cm·sec ²	10.2 kg·cm·sec ²	23.9 kg·cm·sec ²	45.7 kg·cm·sec ²
Spindle Drive Torque		6 kg·m	9 kg·m	9 kg·m	17 kg·m	28 kg·m

- ◆ Other brand of AC Servo-Motor also could be installed, but outline dimension of motor is required and necessary. Refer to P: 32 Chart 4
- ◆ Up & backside cable outlet is available, slant motor cover also available
- ◆ Standard accessory, eye bolts, clamping blocks

- ◆ To match AC-/DC-/Stepping-Controller→ Refer to P: 21
- ◆ Adapting Tailstock→ Refer to P: 23
- ◆ Optional accessories→ Refer to P: 31

- ◆ Outlet of wire box could be decided by customers order

