



- ⊙ A combination of high precision bronze / nickel worm wheel and case hardened steel worm screw ensures long term indexing accuracy.
- ⊙ Dual lead worm wheel/worm shaft which allow easy backlash adjustment.
- ⊙ Double bearing design suitable for heavy cutting.
- ⊙ One piece of faceplate and spindle design which offer rigid construction.
- ⊙ Low Gear ratio design (90:1) which offer high speed feed rate.
- ⊙ **Large thru hole design** which allow large work piece going thru spindle.

MODEL NO : **CNC-320 R/L**

- Motor position at right-side or left-side
- Table Dia
- Type of CNC Rotary Table

ITEM / MODEL		CNC-120R	CNC-170R	CNC-200R	CNC-250R	CNC-320R
Table Dia (mm/inch)		120 / 4.72	170 / 6.69	200 / 7.87	250 / 9.84	320 / 12.60
Center Height in Vertical (mm / inch)		115 / 4.53	135 / 5.31	160 / 6.3	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	265 / 10.63	315 / 12.4	380 / 14.96
Thru-Hole Dia (mm / inch)		30 ^{H7} / 1.18 ^{H7}	35 ^{H7} / 1.37 ^{H7}	35 ^{H7} / 1.37 ^{H7}	70 ^{H7} / 2.75 ^{H7}	110 ^{H7} / 4.33 ^{H7}
Width of T-slot (mm / inch)		10 ^{H7} / 0.39 ^{H7}	12 ^{H7} / 0.47 ^{H7}	12 ^{H7} / 0.47 ^{H7}	12 ^{H7} / 0.47 ^{H7}	14 ^{H7} / 0.55 ^{H7}
Width of Guide Block (mm / inch)		14 ^{H7} / 0.55 ^{H7}	18 ^{H7} / 0.71 ^{H7}	18 ^{H7} / 0.71 ^{H7}	18 ^{H7} / 0.71 ^{H7}	18 ^{H7} / 0.71 ^{H7}
Servo motor type	MELDAS	HF-75T	HF-104T	HF-104T	HF-104T / HF-154T	HF-204S
	FANUC	α2 i	α4 i	α4 i	α4 i / α8 i	α12 i
	SIEMENS	1FK7042	1FK7060	1FK7060	1FK7060 / 1FK7063	1FK7083
	HEIDENHAIN	QSY96G	QSY116C	QSY116C	QSY116C / QSY116E	QSY155B / QSY155C
Gear Ratio		1:60	1:90	1:90	1:180/1:90	1:180/1:90
Min. Indexing Unit degree (degree)		0.001°	0.001°	0.001°	0.001°	0.001°
Max. R.P.M. (rpm) (motor : 2000 / rpm)		33.3	22.2	22.2	11.1/22.2	11.1/22.2
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.)		30"	20"	20"	15"	15"
		High Accuracy Rotary Table Refer to P39 chart 2				
Repeatability (sec.)	Unidirectional	4"	4"	4"	4"	4"
	Bidirectional	8"	8"	8"	8"	8"
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=100 kg	W=125 kg	W=150 kg	W=175 kg
	Horizontal	W=75 kg	W=200 kg	W=250 kg	W=300 kg	W=350 kg
Max. Radial Load		F=800 kg	F=1000 kg	F=1100 kg	F=1450 kg	F=2500 kg
		FxL=8 kg•m	FxL=50 kg•m	FxL=50 kg•m	FxL=94 kg•m	FxL=142 kg•m
		FxL=18 kg•m	FxL=78 kg•m	FxL=100 kg•m	FxL=180 kg•m	FxL=200 kg•m

※ GSA remains the right of modification. All specifications can be modified according to customers' requirement.

- Up & backside cable outlet is available, slant motor cover also available
- Standard accessory : eye bolts, clamping blocks

- ⊙ Adapting Tailstock → Refer to P : 19-21
- ⊙ To match AC-/DC-/Stepping-Controller → Refer to P : 33-35
- ⊙ Optional accessories → Refer to P : 38

- Outlet of wire box could be decided by customers order



