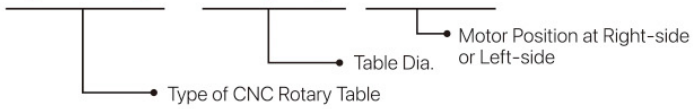




CNC-250 R/L



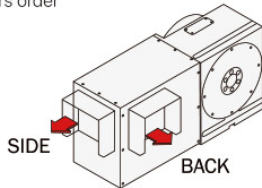
- A combination of high precision bronze / nickel worm wheel and case hardened steel worm screw ensures long term indexing accuracy.
- Dual lead worm wheel/worm shaft which allow easy backlash adjustment.
- Double bearing design suitable for heavy cutting.
- One piece of faceplate and spindle design 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.

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
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	FANUC	α2 i	α4 i	α4 i	α4 i / α8 i	α12 i
Gear Ratio		1:60	1:90	1:90	1:180 / 1:90	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)		6	25	25	47	71
Hydro. Clamp Force (kg·m) (P: 20kg / cm ²)		12	50	50	94	142
Indexing Accuracy Class (sec.)		30"	20"	20"	15"	15"
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

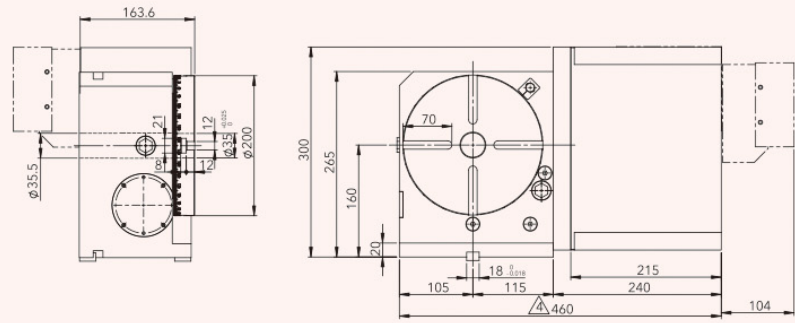
※ GSA remains the right of modification. All specifications can be modified according to customers' requirement.

● Outlet of wire box could be decided by customers order

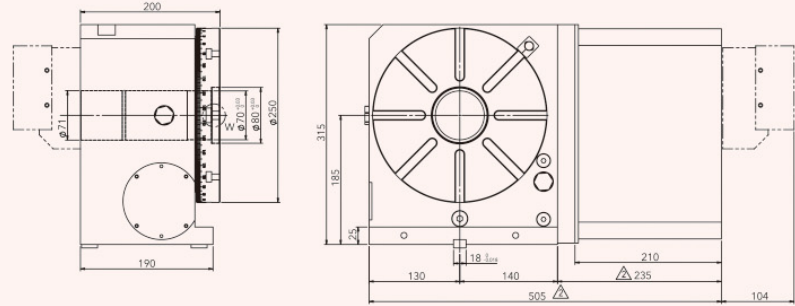
- Servo motor model → Refer to P48
- Adapting Tailstock → Refer to P43-45
- To match AC- /DC- /Stepping-Controller → Refer to P46
- Optional accessories → Refer to P47



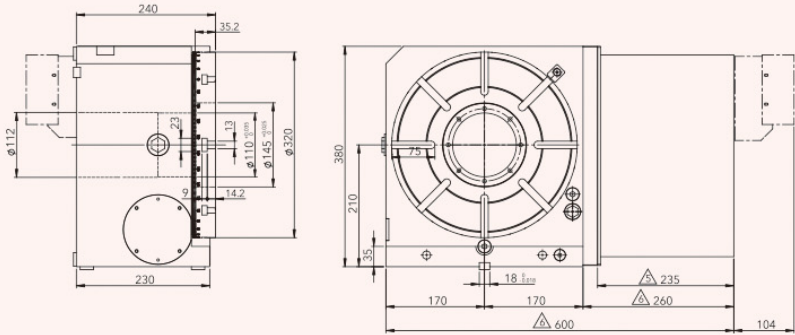
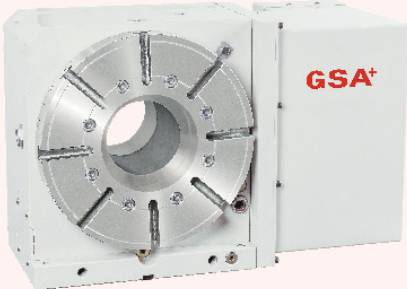
CNC-200R



CNC-250R



CNC-320R



NOTE : Difference motor becomes difference length of motor cover