



NC-Rotary Table



- Motor case setted on the back of the body, increased the space for moving forward and backward, suitable for large or small NC machine using.
- Use of precision lead worm gear assures highly accurate dividing independently of table rotating direction. Further, no backlash will be produced.
- Wide range of machining is accomplished by connecting the Drive Table with Mcode of machining center.
- When used with machining center, the Drive Table will widen the range of applications; circular cutting dividing into equal parts, dividing into unequal parts, lead cutting, can cutting etc.
- MACHINE ZERO AND WORK ZERO. Zero Return Function to either Zero.
- BACKLASH COMPENSATION.
- BUILT-IN PNEUMATIC BRAKE FUNCTION.

Order No. & Dimensions

Unit:mm

Item	Order No.	VNCX-10
Table diameter		250
Table height		315
Center height		160
Center hole diameter		32
Table reference groove width		14
Key way		18
Clamping force (kgf-m)	Pneumatic	20
Allowable work diameter		250
Center bore runout	Horizontal setup	200
	Vertical setup	100
Allowable work inertia (kgf-cm sec ²)		12.5
Total reduction ratio		1:90
Rotary speed (rpm)		11.1
Allowable machine torque (kgf-m)		48
CODE NO.		4001-010

ACCURACY STANDARD

Unit:mm

NO.	Inspection Item		Tolerance
1	Table top flatness (concave)	Per overall length	0.01
2	Table top runout		0.015
3	Parallelism of table top and frame bottom	Per overall length	0.02
4	Table spindle center rnut		0.01
5	Center bore runout	Hole end	0.01
		Per 100mm	0.01
6	Perpendicularity of table top to frame bottom	Per overall length	0.02
7	Perpendicularity of table top to frame bottom guide block	Per overall length	0.02
8	Cumulative indexing accuracy		15"
9	Parallelism of center line between headstock and tailstock to frame bottom guide block	Per 300mm	0.02
10	Height difference of both headstock and tailstock center lines (Tailstock center line should be higher)		0.02

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