

**NC ROTARY TABLE**

# High Speed NC Rotary Table MX160

**Max. Spindle Speed increased to 75min<sup>-1</sup>  
Reduced Takt Time and Improved Productivity**







- Rotating speed increased
- Indexing time reduced by 39% (With KITAGAWA own controller)
- Mounting dimensions equivalent to MR Series

\* CE correspondence



**MX160**

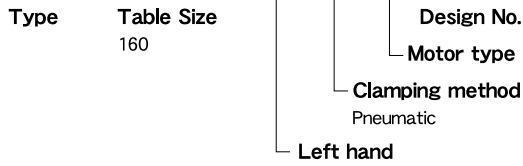
## Specifications

Model		MX160
Right hand		×
Left hand		○
Table dia (mm)		φ 165
Register diameter on Face Plate (mm)		φ 50H7
Spindle through hole diameter (mm)		φ 40
Centre Height (mm)		140
Clamping method		Pneumatic
Clamping torque (N·m) (In pneumatic 0.5MPa)		310
Motor axis reduced inertia (kg·m <sup>2</sup> )		0.00023
Servomotor (for SANYO specification)		R2AA08075FXPGPM6
Gear ratio		1/40
Max. spindle speed	SANYO specification (for min <sup>-1</sup> /motor3000min <sup>-1</sup> )	75
	M signal specification (for min <sup>-1</sup> /motor3000min <sup>-1</sup> )	75
Allowable work inertia (kg·m <sup>2</sup> )		0.25
Indexing accuracy (sec)		40
Repeatability (sec)		8
Mass of product (kg)		43
Manual Tailstock (as an option · P89 reference)		MR160RN
Tail Spindle (as an option · P93 reference)		TSR142A
Rotary Joint (as an option · P97 reference)		RJ40H16P01 (Hydraulic/Pneumatic 4-port)
Allowable Load	Horizontal (kg) 	80
	Vertical (kg) 	40
Allowable load (When clamped to table)	F (kN) 	10
	FXL (N·m) 	600
	FXL (N·m) 	310
Allowable cutting torque	T (N·m) 	350

Note) 1. The switch for pressure checking is incorporated to all series except TC/DM of NC tables. 2. The solenoid valve for the table clamp is incorporated. 3. Neither cable nor hose is fitted between NC rotary table and machine tool... 4. The ports of Rotary Joint at the table surface is fixed on to the jig. 5. Because a mounting pitch varies with the machines, refer to the pitch of the table spindle size drawing on P93. 6. Each product mass is determined by a Kitagawa M signal spec.

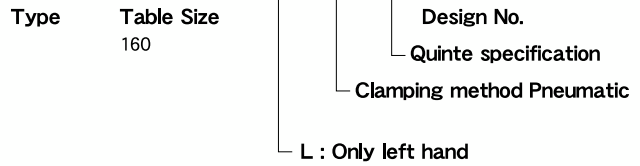
### 4th axis specifications

**MX 160 L A \* \* \***



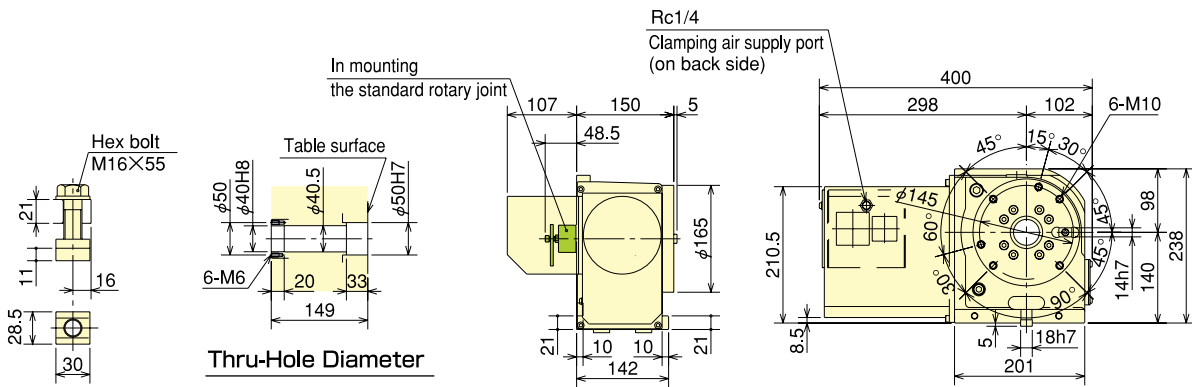
### M signal specification

**MX 160 L A V \* \***



## ■ Dimensions

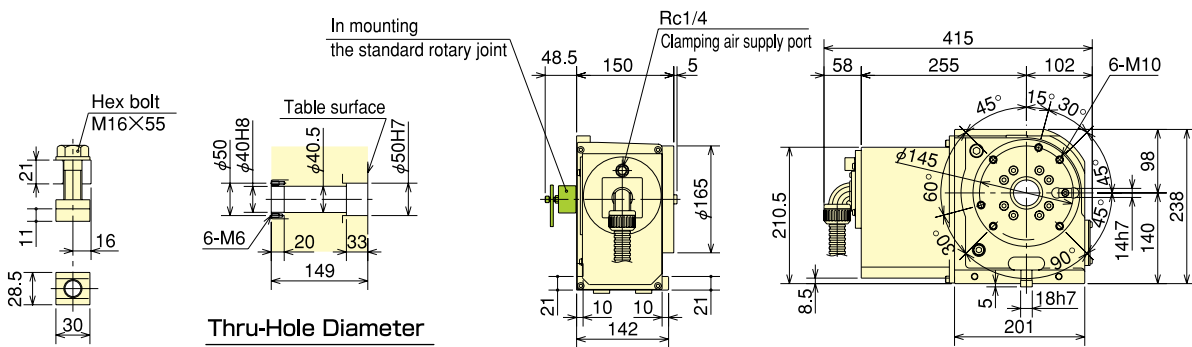
### MX160L (4th axis specifications)



Clamping Device

※The above dimensions are the same as SANYO specifications.  
 In case of other maker motor specifications, dimensions may differ in length.

### MX160L (Kitagawa own controller) \*The dimensions may vary from motor to motor that is mounted.



Clamping Device

MX