

CITIZEN

Miyano

RL01

CNC Lathe



# Machine Specifications

Items	RL01 III	RL01 V	NC unit	FANUC FS0i-MODEL C
Maximum machining diameter (D)	10mm Dia. *		Display unit	8.4-inch / Color LCD
Maximum machining length (L)	50mm		Number of controllable axes	2 axes
Maximum front drilling diameter	5mm Dia.(brass)	6mm Dia. (brass)	Command input method	Absolute / Incremental
Maximum front tapping diameter	M5 (brass)	M6 (brass)	Feed command method	Feed per minute
Main spindle speed	360~6,000min <sup>-1</sup>			Feed per minute / Feed per revolution (Selectable by G code)
Main spindle chuck	Collet chuck (pull type)		Zero point return function	Manual zero point return
	Collet chuck (fixed type)		Background edit function	Standard
	3 inch air chuck (OP)		Program storage capacity	640m 256kbyte
Number of tools to be mounted			Operating time display function	Standard
Tool	4 (as standard)		Self-diagnostic function	Standard
Tool size			Alarm history display function	Standard
Tool	10×10×100mm		Earth leakage breaker	Standard
Sleeve	16mm Dia.			
Rapid feed rate			Standard accessories	
X axis	15m/min		Air knock-out device	Coolant tank (35l)
Y axis	15m/min		Tool post (2 tools) Wedge-adjustment type	Product receiver box
Least input increment			Supply escape cylinder	
X axis	0.001mm			
Y axis	0.001mm		Special Accessories	
Tool post stroke			Various part feeder	Machine light
X axis	170mm		Signal lamp	Fire extinguisher
Y axis	80mm		3-color signal tower	Spindle index device (15°:mechanical lock)
Center height	1,050mm		Buzzer	
Swing on table	120mm Dia.			
Motor				
Spindle drive	0.4kW (inverter)			
Axis feed (X, Z)	0.5kW×2	0.55/1.1kW (AC spindle)		
Coolant pump	0.1kW			
Input power	AC200V three-phase			
Input power capacity	4kVA (max. load)			
Air pressure and air flow rate for pneumatic devices	0.5MPa · 50NI/min (max. 180NI/min)			
Machine size	985 (L) × 1210 (W) × 1430 (H) mm			
Weight	700kg			

\*possible to chuck  $\phi$  14 in some situations

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