YRG Series

Three fingers type **RG-2004T**



Basic specifications

Model name		YRG-2004T
Model number		KCF-M2015-A0
Holding power	Max. continuous rating (N)	2.5
	Min. setting (% (N))	30 (0.75)
	Resolution (% (N))	1 (0.025)
Open/close stroke (mm)		3.5
Speed	Max. rating (mm/sec)	100
	Min. setting (% (mm/sec))	20 (20)
	Resolution (% (mm/sec))	1 (1)
	Holding speed (Max.) (%)	50
Repetitive positioning accuracy (mm)		+/-0.03
Guide mechanism		Linear guide
Max. holding weight Note 1 (kg)		0.02
Weight (g)		90

Hoding power control : 30 to 100% (1% steps) • Speed control : 20 to 100% (1% steps)
Acceleration control : 1 to 100% (1% steps) • Multipoint position control : 10,000 max.

Note. Design the finger as short and lightweight as possible. Note. Set the parameters and holding power (%) of the holding movement command so

that any excessive shock is not applied to the finger during operation. Note. When installing or uninstalling the finger, tighten the bolts while the finger is being

held securely so that any excessive force or shock is not applied to the guide block. Note. Workpiece weight that is able to be held may greatly vary depending on the material, shape, and/or holding surface conditions of the finger.

Note 1. Design the weight of a workpiece to be held so that it is approximately 1/10 to 1/20 of the holding power. (Consider further allowance when moving and swing-ing the gripper that keeps holding a workpiece.)

Gripping power vs. gripping power setting (%)



 Graph shows a general guide to gripping power versus gripping power setting (%). Variations will appear in the actual gripping power.

