

Hollow and Rotary Platform for a Gear Reducer



RGNT series

Feature

- Direct attachment with simple and reliable design.
- Large hollow rotary table for concise wiring and piping.
- Accurate and fast positioning. Able to quickly position inertial load.
- Repeat origin returns easily. Save you the trouble of designing and purchase new parts.
- Zero Return Easily : Not Troubled about Designing and Purchasing the Parts.

Specification

Description / Models	RGNT60	RGNT85	RGNT130	RGNT230	RGNTP200
Continuous Torque (kgf*m/Nm)	0.07/0.72	0.11/1.078	1.4/13.72	3.7/36.2	3/29.4
Max. Torque (kgf*m/Nm)	0.21/2.1	0.33/3.234	4.3/42.14	11.2/109.7	6/58.8
Breaking point (kgf*m/Nm)	0.63/6.7	0.9/8.82	10.7/104.86	22.4/219.5	12/117.6
Permissible Input Rotation (rpm) (r/min)	3000	3000	3000	3000	3000
Backlash (min-arc) (min-arc)	5	±15sec	±15sec	±15sec	±15sec
Gear Reducer Inertia (kg*cm ²)	0.05	0.02	0.2	2.3	0.43
Max. Load (kgf) (kgf)	30	50	200	835	625
Weight (kg)	0.6	1.9	5.2	13.2	10.6

- RGNT60 Series Reduction Ratio 1:10
- RGNT85 Series Reduction Ratio 1:30
- RGNT130 Series Reduction Ratio 1:10
- RGNT230 Series Reduction Ratio 1:10
- RGNTP200 Series Reduction Ratio 1:7

Installation of gear box: The gearbox is a high precision product; hence it must be careful in installation, and forbid knocking at the shaft and any part of the gearbox.

The depth of screw with in 9.5mm in NT85