

RGGNP Series

Feature

EX Work precision 5min~arc.(Except. GNP40)

Integral Gear Ratio

Suitable for combination with any kind of servomotor.

Total enclosed design, lubricant refilling is not necessary. Easy installing and combination.

High rating torque and low inertia

Besides, the design of long shaft is suitable to driven by rack, and simplify the mechanism

Specification

RGGNP40L1, the lightest model of all gearheds

Description / Models	Ratio	RGGNP40	RGGNP60	RGGNP90	RGGNP120	RGGNP150	RGGV-M-C
	Continuous Output Torque(kgf*m / Nm)"	3	—	1.5/14.7	6.5/63.7	13/127.4	25/245
4		1/9.8	2/19.6	7.5/73.5	15/147	43/421.4	—
5		1.1/10.78	2.1/20.58	8/8.4	17.3/169.54	45/441	—
7		1/9.8	1.9/18.62	7/68.6	13/127.4	38/372.4	—
9		—	—	—	12/117.6	—	4.8/47.04
10		0.9/8.82	1.7/16.66	6/58.8	8/78.4	28/274.4	—
Max. Torque(kgf*m / Nm)"	3~10	Three Times Rated Output Torque					
Gear Reducer Inertia(kg*cm2)"	-	0.049	0.127	1.247	2.274	1	0.26
Permissible Radial Force(kgf)"	-	70	110	353	465	626	155
Input Shaft Diameter(mm)"	-	5~8	6.35~14	11~24	19~35	20~38	8~16
L1Weight L1(kg)"	3~10	0.3	0.9	3.3	6.8	13.8	2
L2Weight L2(kg)"	9~100	0.4	1.2	4.5	7.7	14	
L3Weight L3(kg)"	100~1000	0.6	1.5	5.5	8.8	15	

Ratio Table of Gear Reducer

(Stage No.)	L 1	L 2
GNP40	4,5,7,10	12,15,16,20,21,25,28,30,35,40,49,50,70
GNP60	3,4,5,7,10	9,12,15,16,20,21,25,28,30,35,40,49,50,70,100
GNP90	3,4,5,7,10	9,12,16,15,20,21,25,28,30,35,40,49,50,70,100
GNP120	3,4,5,7,9,10	9,12,15,16,20,21,25,27,28,30,35,36,40,45,49,50,63,70,81,90,100
GNP150	3,4,5,7,10	9,12,15,16,20,21,25,27,28,30,35,36,40,45,49,50,63,70,90,100