



DC Planetary Gear Motor

LS-PG36GR



Electrical Specification

Gearbox Data

Number of stages	1 stages reduction	2 stages reduction	3 stages reduction	4 stages reduction	5 stages reduction
Reduction ratio	3.7 , 5.2	13.7 , 19.2 26.9	50.9 , 71.2 99.5 , 139	188 , 264 , 369 516 , 721	699 , 977 , 1367 1911 , 2672 , 3736
Gearbox length "L" mm	25.1	32.3	38.5	44.7	50.9
Max. Gear Running torque	20kgf-cm	50kgf-cm	100kgf-cm	100kgf-cm	100kgf-cm
Max. Gear Breaking torque	60kgf-cm	150kgf-cm	300kgf-cm	300kgf-cm	300kgf-cm
Gearing efficiency	90%	81%	73%	65%	59%

Motor Data

Motor Name	Rated Volt. V	No Load		Load Torque				Stall Torque	
		Current	Speed	Current	Speed	Torque	Output Power	Torque	Current
		mA	r/min	mA	r/min	gf-cm	W	gf-cm	mA
GR124500	12	≤90	4500	≤220	3589	67.6	2.5	358	1500
GR127000	12	≤140	7000	≤700	5647	79.7	4.6	472	3030
GR244500	24	≤50	4500	≤160	3539	60	2.1	281	596
GR246700	24	≤70	6700	≤280	4500	78.4	4.23	381	1140

After connecting motor and gearbox which is named gearmotor the output torque: motor torque X reduction ratio X gearing efficiency;
Output speed: motor speed / reduction ratio.

Mechanical Dimension

