



DC Planetary Gear Motor

LS-PG25BL25



Electrical Specification

Gearbox Data

级数 Number of stages	1 stages reduction	2 stages reduction	3 stages reduction	4stages reduction	5stages reduction
减速比 Reduction ratio	3.6, 4.25	13, 15.3, 18	36, 46.7, 55 65, 76.8,	114,130,168,198 234, 276, 326,	467, 604, 713, 842 994, 1174, 1386,
齿轮箱长度 Gearbox length "L" mm	18.3	25.0	30.8	36.6	42.4
最大额定力矩 Max. Running torque	3.0Kgf · cm	5.0Kgf · cm	10.0Kgf · cm	10.0Kgf · cm	10Kgf · cm
最大损坏扭力 Max. Gear breaking torque	9.0Kgf · cm	15.0Kgf · cm	30Kgf · cm	30Kgf · cm	30Kgf · cm
效率Gearing efficiency	90%	81%	73%	65%	59%

Motor Data

马达型号 Motor name	额定电压 Rated Volt. V	空载No load		负载扭矩Load torque				堵转扭矩 Stall torque	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
		mA	r/min	mA	r/min	gf · cm	W	gf · cm	mA
13H126200	12	≤150	6200	≤210	4800	20	0.96	118	750
13H248700	24	≤140	8700	≤180	7000	20	1.4	142	680

1、减速后的输出力矩=马达力矩X减速比X齿轮效率。输出转速=马达转速/减速比。 电机重量30g

1、 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

