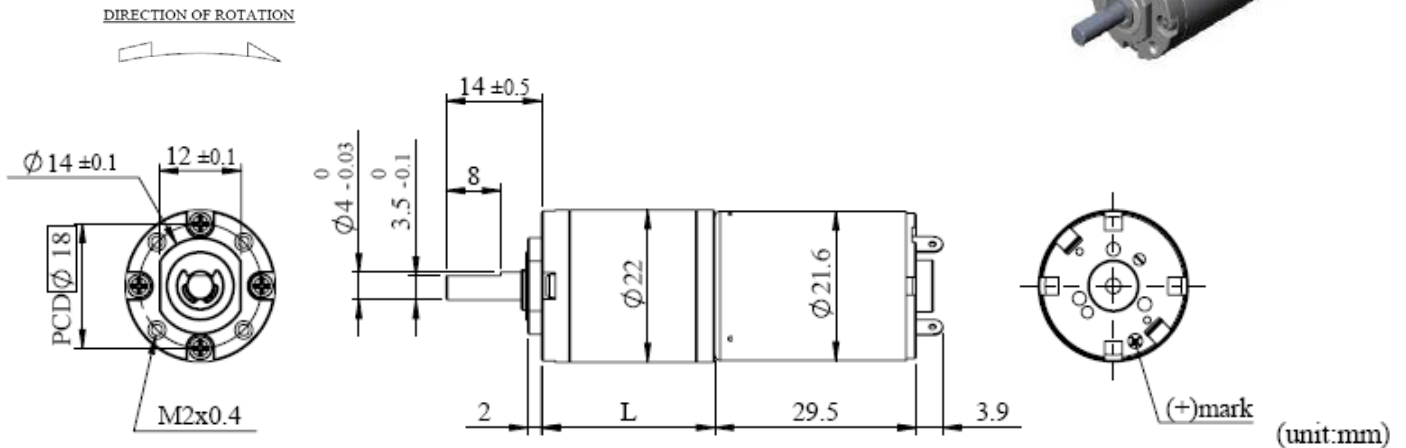




PK22G Series of DC Planetary Gear Motor



Appearance Dimension:

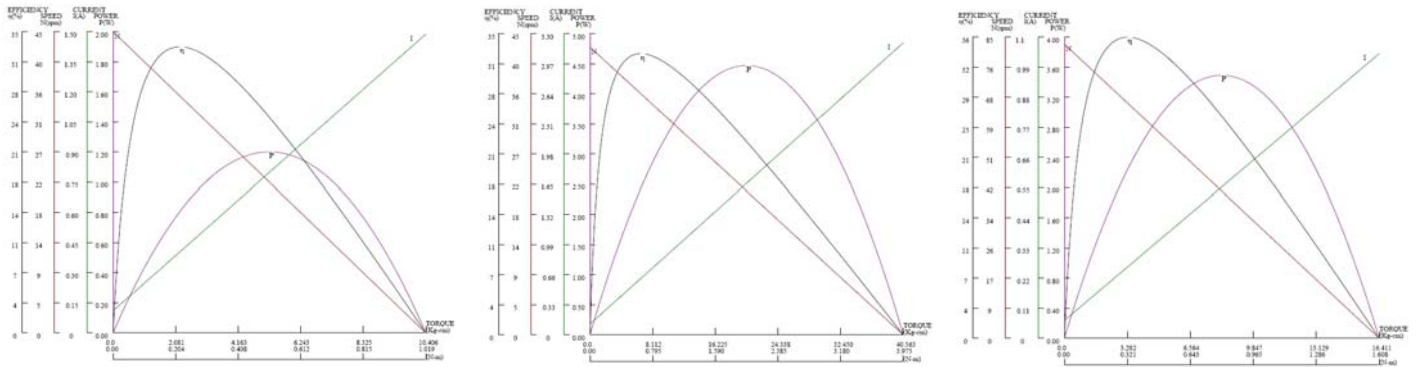


Typical Performance Curves:

PK22G650-104 (6V)

PK22G2100-231 (12V)

PK22G990-104 (24V)



Specifications of Standard DC Gear Motor :

Model	Rated Voltage	Reduction Ratio	1/4	1/16	1/19	1/62	1/104	1/231	1/316	1/370	1/455
0650	6V	Rated Torque (kg-cm)	0.09	0.34	0.40	1.10	1.80	3.50	4.70	5.50	5.50
		Rated Speed (rpm)	970	240	200	62	37	16	12	10	9
		Rated Current (mA)	370	370	370	370	370	370	370	370	305
2100	12V	Rated Torque (kg-cm)	0.16	0.56	0.67	1.86	3.12	5.50	5.50	5.50	5.50
		Rated Speed (rpm)	2100	540	450	140	83	37	28	24	20
		Rated Current (mA)	550	550	550	550	550	540	420	370	320
0990	24V	Rated Torque (kg-cm)	0.15	0.52	0.62	1.75	2.90	5.40	5.40	5.40	5.40
		Rated Speed (rpm)	1770	440	370	114	68	30	24	21	17
		Rated Current (mA)	240	240	240	240	240	240	190	170	150

Specifications of Gearbox :

Reduction Ratio	1/4	1/16	1/19	1/62	1/104	1/231	1/316	1/370	1/455
Gearbox Length (L)	14.2	18.0	18.0	21.6	21.6	25.4	25.4	25.4	25.4
Rated Torque (kg-cm)	1	3	3	4	4	6	6	6	6
Max.Momentary Torque (kg-cm)	3	9	9	12	12	18	18	18	18
Efficiency (%)	80	70	70	60	60	50	50	50	50
Radial Play of Shaft (mm)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Thrust Play of Shaft (mm)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Output Shaft Axial Load (kg)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Output Shaft Radial Load (kg)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

Notes:

1. The specifications may change or update without notice since the product improvement.
2. The customized specifications or install magnetic encoder would be available.