



PM STEPPING GEARMOTOR

PMG25/35/42 SERIES

◆ General Specification for PM Stepping Gearmotor

Item	Specifications
Step Angle Accuracy	± 7% (full step, no load)
Resistance Accuracy	± 10%
Temperature Rise	80°C Max. ambient temperature 40°C
Ambient Temperature	-20°C~+50°C
Insulation Resistance	100M Ω Min. ,500VDC
Dielectric Strength	650VAC for one second, leakage current 1mA

◆ SPECIFICATIONS:

Model	PMG2505-01	PMG2505-02	PMG2510-01	PMG3519-01	PMG4210-01	PMG4250-01	PMG42150-01
Number of phase	2	2	2	4	2	2	2
Operating voltage V	2.6	3.5	2.8	12	12	12	12
Resistance/Phase ohms	5	9.6	6	30	20	20	20
Holding torque of motor g.cm	150	150	150	500	550	550	550
Detent torque of motor g.cm	45	45	45	120	140	140	140
Step angle of motor	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Max. pull in rate of motor pps	380	450	550	360	430	430	430
Pull in torque kg.cm @200pps	0.075	0.1	0.2	1.9	2	10	30
Ratio	1:5	1:5	1:10	1:19	1:10	1:50	1:150

◆ WIRING DIAGRAM:



◆ DIMENSIONS:

