

Permanent Magnet Stepper GearMotors



- Permanent Magnet Stepper GearMotor
- Precise Motion at a Low Cost
- 300 to 4000 g-cm of Torque
- 20 mm to 42 mm body diameter

Specifications

Item	Specifications
Step Angle Accuracy	±7% (full step, no load)
Resistance Accuracy	±10%
Temperature Rise	80° C Max
Ambient Temperature	-20°C to +50°C
Insulation Resistance	100MΩMin. ,500VDC
Dielectric Strength	650 VAC for one minute

Model	Body Diam. (mm)	Body Length (mm)	Step Angle (deg)	Gear Ratio	# of Wires	Voltage (V)	Current per Phase (A)	Holding Torque (g.cm)	Detent Torque (g.cm)
TGM24-056-19-5V-020A-64R-LW4	24	19	5.625	64:1	4	5	0.20	300	200
TGM25-075-26-3V-052A-5R-LW4	25	26	7.5	5:1	4	2.6	0.52	450	150
TGM25-150-26-3V-037A-5R-LW4	25	26	15	5:1	4	3.5	0.365	500	150
TGM25-075-26-3V-047A-10R-LW4	25	26	7.5	10:1	4	2.8	0.467	1400	500
TGM25-075-26-13V-011A-30R-LW6	25	26	7.5	30:1	6	13.3	0.11	4000	1400
TGM28-056-19-12V-004A-64R-LW4	28	19	5.625	64:1	4	12	0.04	300	200
TGM30-075-18-12V-004A-85R-LW4	30	18	7.5	85.25:1	4	12	0.04	400	400
TGM35-075-18-12V-011A-85R-LW6	35	18	7.5	85.25:1	6	12	0.11	1000	800
TGM42-075-40-12V-040A-10R-LW6	42	40	7.5	10	6	12	0.40	1100	850
TGM42-075-40-12V-040A-25R-LW6	42	40	7.5	25	6	12	0.40	2500	1600
TGM42-075-40-12V-040A-50R-LW6	42	40	7.5	50	6	12	0.40	4000	2100