

TGM42-075-40-12V-040A Series



- Permanent Magnet Stepper GearMotor
- High torque in a Small Package at a Low Cost
- Up to 4000 g-cm of Torque
- Various gear Ratios available, 10, 25, 30, 50, 75, 100, 120, 150
- 42 mm diameter

Specifications

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

Model	Step Angle (deg)	Gear Ratio*	# of Wires	Voltage (V)	Current per Phase (A)	Holding Torque (g.cm)	Detent Torque (g.cm)
TGM42-075-40-12V-040A-10R-LW6	7.5	10:1	6	12	0.40	1100	850
TGM42-075-40-12V-040A-25R-LW6	7.5	25:1	6	12	0.40	2500	1600
TGM42-075-40-12V-040A-50R-LW6	7.5	50:1	6	12	0.40	4000	2100

*Gear Ratios are available in these ratios: 10, 25, 30, 50, 75, 100, 120, and 150

