

# 57L048B, 57M024B & 57M048B Stepper motors

## Features:

- Permanently lubricated sintered bearings
- Compact size

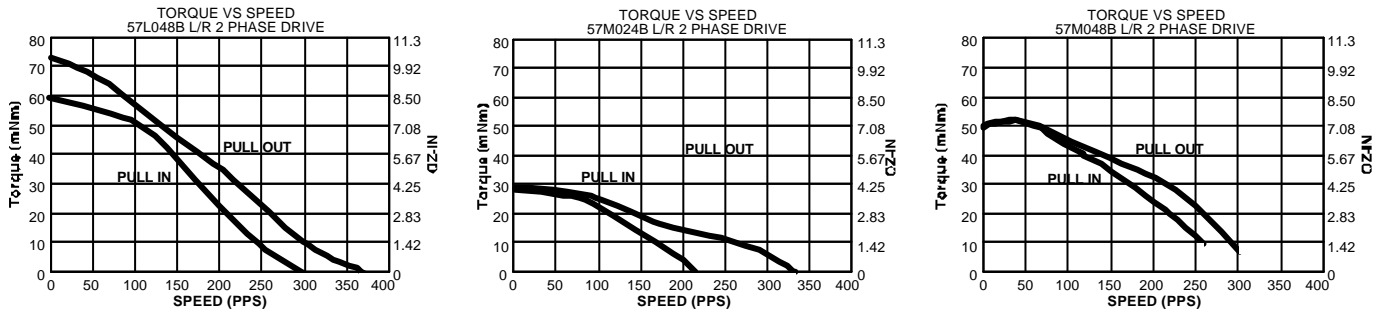


## Motor data

Motor order number	1735-57L048B1U	1735-57L048B2U	1736-57M024B1U	1736-57M024B2U	1736-57M048B1U	1736-57M048B2U
DC operating voltage	5	12	5	12	5	12
Resistance per winding $\Omega$	6.3	36	6.3	36	6.3	36
Inductance per winding mH	7.0	38	4.5	24	5.0	26
Holding torque mNm *	205		55		74	
Detent torque mNm	9.9		9.9		9.9	
Rotor moment of inertia $g \times m^2$	$3.4 \times 10^{-3}$		$3.1 \times 10^{-3}$		$3.1 \times 10^{-3}$	
Step angle	$7.5^\circ \pm 0.5^\circ$		$15.0^\circ \pm 1.0^\circ$		$7.5^\circ \pm 0.5^\circ$	
Steps Per Revolution	48		24		48	
Insulation Resistance At 500Vdc	100 M $\Omega$					
Leadwire Type	AWG #26					
Bearing Type	Bronze sleeve					
Operating Temperature	100°C, MAX					
Ambient Temperature Range	Operation: -20°C to 70°C, Storage: -40°C to 85°C					
Dielectric Strength	650 $\pm$ 50 Vrms, 60 Hz for 2 Seconds					

\* Measured with 2 phases energised

## Performance curve



## Dimensional Drawing

