

Specifications

Specification	Unit	PFCU25-24_-1GM (1/18)		PFCU25-24_-1GM (1/20)		PFCU25-24_-1GM (1/30)	
Excitation Mode		Full Step (2-2)					
Step Angle	°	1		0.75		0.5	
Steps Per Revolution*		360		480		720	
Winding		P	T	P	T	P	T
Rated Voltage	V	12.6	6.5	12.6	6.5	12.6	6.5
Resistance ¹	Ω	122	32	122	32	122	32
Inductance ¹	mH/φ	66	16	66	16	66	16
Maximum Torque	mN·m	50					
Destruction Torque	mN·m	150					
Operating Temp. Range	°C	-10 ~ +50					
Temperature Rise*	K	70					
Weight	g	55					
Gear Ratio, Backlash		1/15		1/20		1/30	

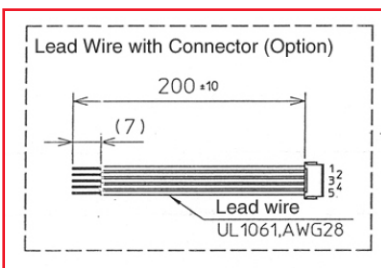
All tin-can motor specifications are based on full-step constant voltage operation,
Magnet type: Anisotropic

¹ Supply voltage 12V ±2% and at a temperature of 20°C ±5% and relative humidity 65% ±20%.

² Stated terminal voltage is with supply voltage 12V.

³ Stated temperature rise is at the time of saturation.

*Under test conditions



Pin	Coil Phase
1	3φ A-
2	2φ B
3	1φ A
4	4φ B-

Connector (JST)

Applicable Housing: ZHR-4

Applicable Contact: SZH-002T-P0.5

Applicable Wire: AWG 28 to 26 (outer diameter of wire insulation: 0.8 to 1.1 mm)