

## Specifications

Specification	Unit	PFCU25-24C1G (1/20)	PFCU25-24D1G (1/20)
Excitation Mode		Full Step (2-2)	
Step Angle	°	0.75	
Steps Per Revolution*		480	
Rated Voltage	V	13.3	5.4
Resistance <sup>1</sup>	Ω	120 ± 7%	16 ± 7%
Inductance <sup>1</sup>	mH	30 (1 Vrms, 1 KHz)	4.1 (1 Vrms, 1 kHz)
Max. Torque	mN·m	20	
Starting Pulse Rate <sup>1*</sup>	pps	420 or more (with no load)	
Slewing Pulse Rate <sup>1*</sup>	pps	680 or more (with no load)	
Operating Temp. Range	°C	-10 to +50	
Temperature Rise*	°C	70	
Weight	g	55	
Gear Ratio, Backlash		1/20, 7° or less	

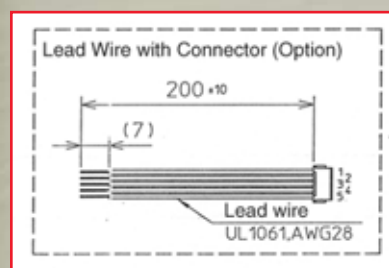
All tin-can motor specifications are based on full-step constant voltage operation

Magnet type: Anisotropic

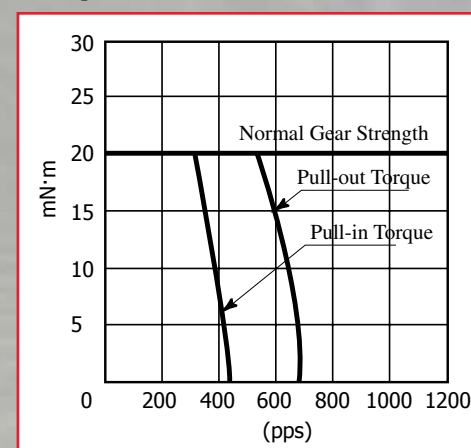
Note 1: Supply voltage 12V ± 2% and at a temperature of 20°C ± 2% and relative humidity 65% ± 20%.

Note 2: Stated terminal voltage is with supply voltage 12V.

Note 3: Stated temperature rise is at the time of saturation.



## Torque Curve\*



## Connector

**Applicable Housing:** ZHR-5

**Applicable Contact:** SZH-002T-P0.5

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

