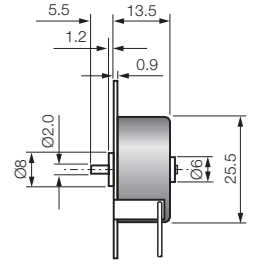
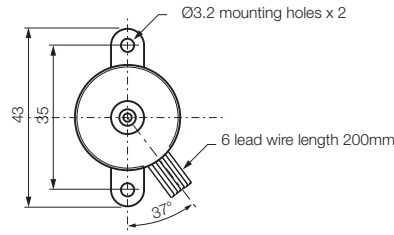


Permanent Magnet Stepping Motors

SU2513-024

Issue 03:CN3815

Units: mm



Model Number	Phase voltage (V)	Phase current (A)	Phase resistance (Ω)	Phase inductance (mH)	Winding
SU2513-024-021-06	6	0.240	21	5	Uni-polar
SU2513-024-080-12	12	0.150	80	20	

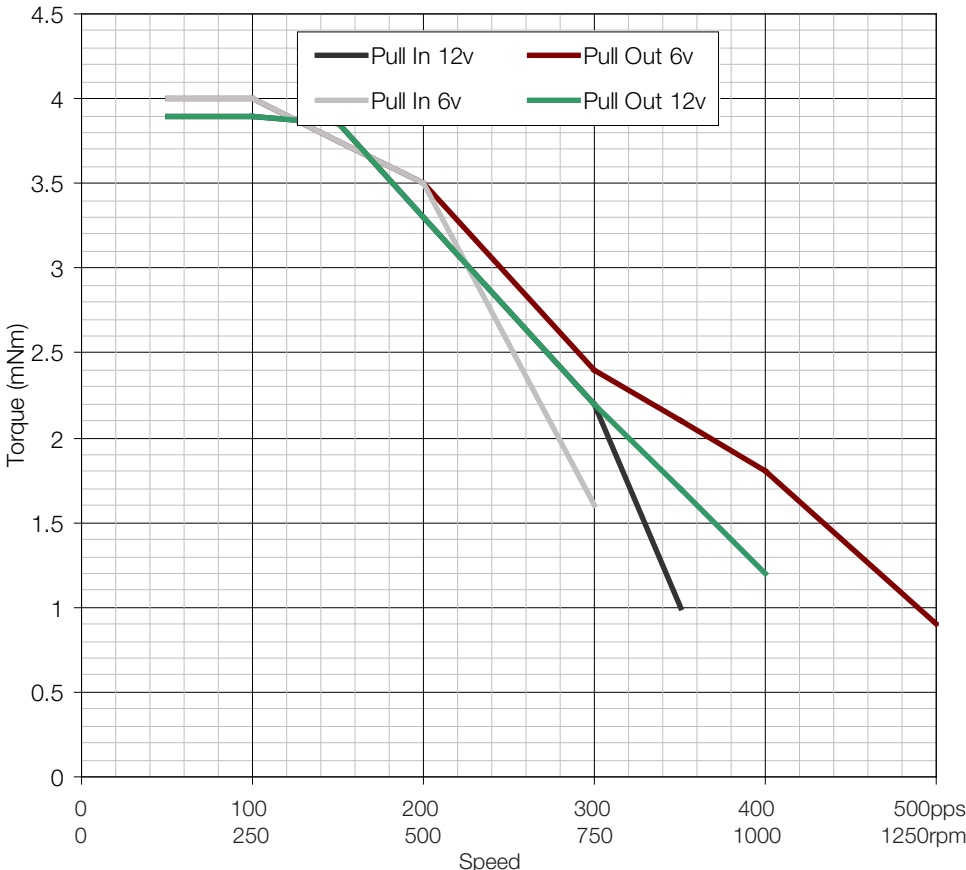
General Specification

Holding torque	10mNm
Step angle	15°
Rotor Inertia	0.07 kgm ² x10 ⁻⁶
Temperature rise	80°C
Ambient temp. range	-5°C to +40°C
Weight	28g

Motor options

- Alternative voltage/phase resistance
- Alternative shaft lengths
- Alternative lead lengths
- 10 mm front bearing

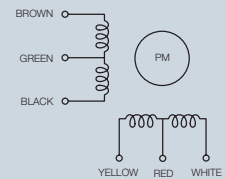
Characteristics



Drive: SM02 full step uni-polar drive @ nominal phase voltage & current
Load Inertia: 18.1x10⁻⁹ kgm²

Full step uni-polar sequence

CW dir.	Step 1	Step 2	Step 3	Step 4
Brown	Off	On	On	Off
Black	On	Off	Off	On
Yellow	Off	Off	On	On
White	On	On	Off	Off



(Connect green and red wires to positive supply)

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