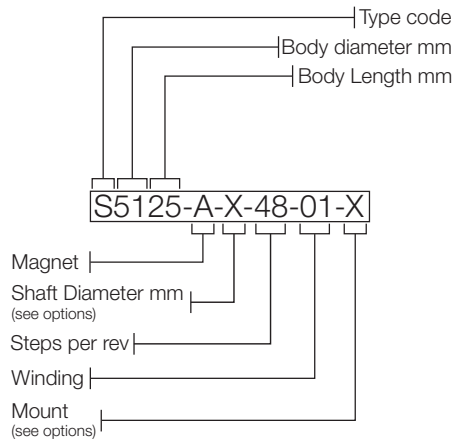


# Permanent Magnet Stepping Motors

S5125

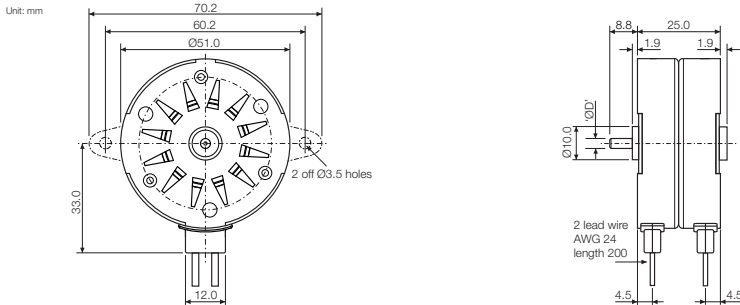
Issue 02:CN4382



# Rotalink

Miniature Motors, Transmission and Control

Model Number	Phase voltage (V)	Phase current (A)	Phase resistance (Ω)	Phase inductance @ 50Hz (mH)	Winding
S5125-AX-48-01X	5	0.33	15	55	Bipolar



## General Specification

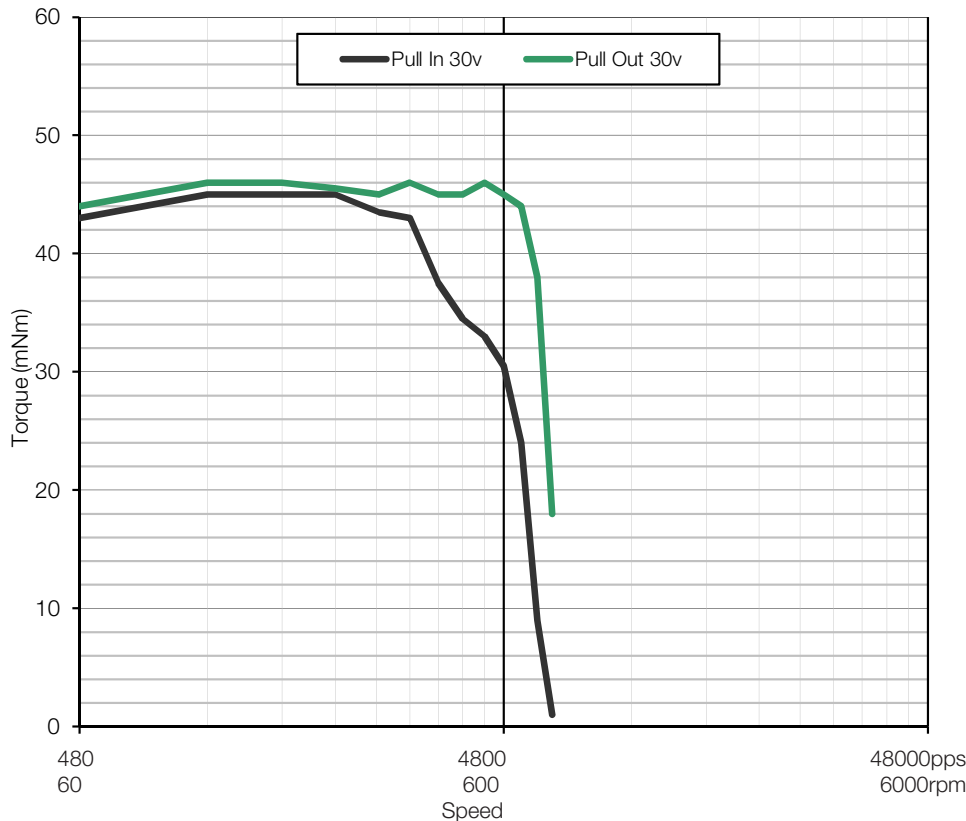
Holding torque	62mNm
Step angle	7.5°
Rotor Inertia	1.9 kgm <sup>2</sup> x10 <sup>-6</sup>
Temperature rise	60°C
Ambient temp. range	-5°C to +50°C
Dielectric strength	500V AC 1sec
Weight	190g

## Motor options

Shaft Diameter (ØD) - 2mm, 3mm  
 Mount - Clip (C), Adaptor Plate (S)

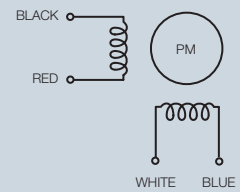
Alternative voltage/phase resistance  
 Alternative lead lengths

## Characteristics



## Full step bipolar sequence

CW dir.	Step 1	Step 2	Step 3	Step 4
Black	-	+	+	-
Red	+	-	-	+
White	+	+	-	-
Blue	-	-	+	+



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