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Metal DC Geared Motor w/Encoder - 6V 300RPM 3.6Kg.cm



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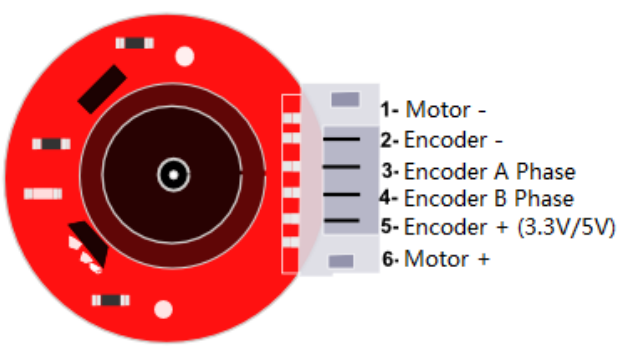
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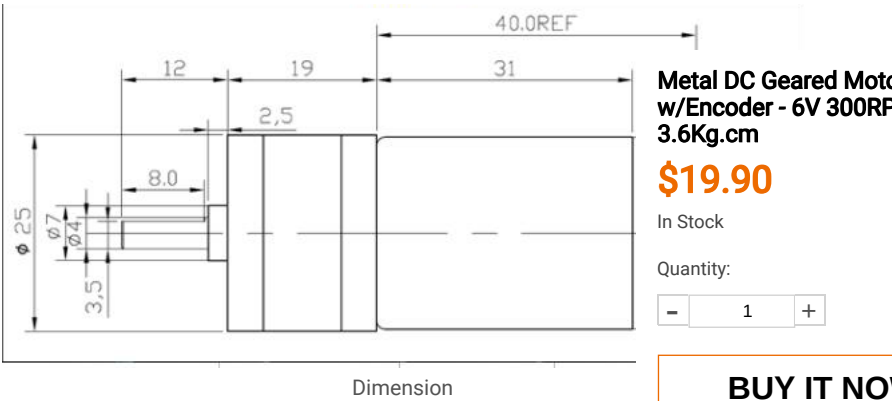
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INTRODUCTION

This is a metal geared DC motor w/Encoder. It is a 6V motor with a 20:1 metal gearbox and an integrated quadrature encoder provides a resolution of 11 counts per revolution of the motor shaft, which corresponds to 224.4 counts per revolution of the gearbox's output shaft.





Smart Home Rotary Blinds Over WiFi With HomeAssistant

Smart Home Rotary Blinds Over WiFi With HomeAssistant

SPECIFICATION

Motor Rated Voltage: 6V
Encoder Rated Voltage: 3.3 / 5V
Reducer Reduction Ratio: 1: 20
No load Speed: 300RPM@0.1A
Maximum Efficiency Point: load 0.7Kg.cm / 245RPM / 1.2W / 0.4A
Maximum Power point: Load 1.8Kg.cm / 160RPM / 2W / 0.8A
Stall Torque: 3.6kg · cm
Stall Current: 2.7A
Hall Resolution: Hall Resolution 11x Precision Reduction Ratio 20.4 = 224.4PPR/ RPM
Dimension: 50 * ϕ 24.4 mm / 1.97 * ϕ 0.96inches
Weight: 96g

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JST 6-Pin cable x1

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