



# DC Toy / Hobby Motor – 130 Size

PRODUCT ID: 711



## DESCRIPTION

These are standard '130 size' DC hobby motors. They come with a wider operating range than most toy motors: from 4.5 to 9VDC instead of 1.5–4.5V. This range makes them perfect for controlling with an Adafruit Motor Shield, or with an Arduino where you are more likely to have 5 or 9V available than a high current 3V setting. They'll fit in most

electronics that already have 130-size motors installed and there's two breadboard-friendly wires soldered on already for fast prototyping

## TECHNICAL DETAILS

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- Operating Temperature:  $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$
  - Rated Voltage: 6.0VDC
  - Rated Load: 10 g\*cm
  - No-load Current: 70 mA max
  - No-load Speed:  $9100 \pm 1800$  rpm
  - Loaded Current: 250 mA max
  - Loaded Speed:  $4500 \pm 1500$  rpm
  - Starting Torque: 20 g\*cm
  - Starting Voltage: 2.0
  - Stall Current: 500mA max
  - Body Size: 27.5mm x 20mm x 15mm
  - Shaft Size: 8mm x 2mm diameter
  - Weight: 17.5 grams
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