



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

- 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 ± 1800 rpm
 - Loaded Current: 250 mA max
 - Loaded Speed: 4500 ± 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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