



Engineering Kit Motors Backup

SKU AKX00033

Overview

Arduino Engineering Kit R2 contains all the components students need to complete each project, but we know that in the excitement of using the kit, the motors may sometimes burn, break or simply get lost.

In the Engineering Kit - Motors Backup, you'll find all the replacement motors students may need to complete their projects. This kit contains motors exclusively for the Arduino Engineering Kit.

What's in the kit?

The Engineering Kit - Motors Backup includes a servo motor, a geared motor with encoder, and a micro DC motor with encoder. Each of these exclusive motors is needed to complete the Arduino Engineering Kit R2 projects.

Tech Specs Servo

- | | |
|---------------------------|--|
| • Servo Motor | GS-9025MG |
| • Operation voltage range | 4.8 - 6V |
| • Standing torque | 2.3 kg.cm (4.8V) |
| • Control system | Positive PWM control 1500 usec Neutral |

Tech Specs DC motor w/ enc

- | | |
|------------------------|------------------------|
| • DC Motor w/ encoder | TRK-370CA-17260-51V-EN |
| • Operating Voltage | 12 V DC |
| • Stall current | 1.85A Ref |
| • Encoder output pulse | 12 PPR |

MicroGeared DC Motor w/ enc

- | | |
|------------------------------------|-------------------------|
| • Micro Geared DC motor w/ encoder | GM12-N20VA-08225-100-EN |
| • Input voltage | 3.5 - 16V |
| • Input current | 5 mA |
| • Encoder output pulse | 3 PPR |
| • Gear ratio | 100 |