

Large Motor



Product number: 45502

Product name: LEGO® MINDSTORMS® Education EV3 Large Motor

Age: 10-21

Theme: LEGO® MINDSTORMS® Education

Related products: 45500, 45501, 45503, 45504, 45505, 45506, 45507, 45508, 45509, 45514, 45515, 45516, 45544, 45560, 2000045, 2000046, 2005544

Product text: The EV3 Large Servo Motor is a powerful motor that uses tachometer feedback for precise control to within one degree of accuracy. By using the built-in rotation sensor, the intelligent motor can be made to align with other motors on the robot so that it can drive in a straight line at the same speed. It can also be used to give an accurate reading for experiments. The motor case design also makes it easy to assemble gear trains.

Technical Specifications

Tachometer feedback to one degree of accuracy

160-170 RPM

Running torque of approximately 30 oz*in

Stall torque of approximately 60 oz*in

Auto-ID in the EV3 software