

PRODUCT DATASHEET



Servo Motor TowerPro MG995, 180 Degrees

555095

The TowerPro MG995 is a powerful 180-degree servo motor with metal gears, offering high torque and precision for robotics and automation.

Full product documentation, files and tutorials: solde.red/555095

CORE ATTRIBUTES

SKU 555095

WEIGHT 66 g

BARCODE 109042

DESCRIPTION

The TowerPro MG995 is a digital servo motor known for its metal gear construction and torque, making it a component for a wide array of robotics, RC, and automation projects. Engineered for durability and precision, this servo delivers consistent and reliable movement, crucial for applications demanding accuracy and strength. Its ability to handle loads, combined with a fast response time, positions it as a choice over standard plastic alternatives, ensuring longevity and performance in challenging environments. Compatible with Arduino and other popular microcontrollers, the MG995 simplifies integration into electronic projects. Hobbyists and professional engineers can leverage its control interface to achieve precise angular positioning or continuous rotation, depending on the application. Whether you're building a robotic arm, a remote-controlled vehicle, or an automated camera platform, the MG995 provides the power and control necessary to bring designs to life with ease and efficiency. What sets the TowerPro MG995 apart is its balance of power, reliability, and affordability. Its metal gears minimise wear and tear, extending the lifespan of the servo even under heavy use, while the dual ball bearing design ensures smooth operation and reduced friction. This combination of features makes the MG995 a cost-effective and high-quality solution for educational projects, DIY enthusiasts, and industrial prototypes, offering value for its performance class. Choose the MG995 for a powerful, precise, and dependable servo experience. • **RPM:** 0.20s/60 degrees (4.8V), 0.16s/60 degrees (6V) • **Voltage:** 4.8V - 6.6V • **Torque:** 9.4kg/cm (4.8V) - 11kg/cm (6V) • **Angle:** 180 degrees • **Dimensions:** 40mm x 20mm x 43mm • **Weight:** 55g

TECHNICAL DETAILS

- **RPM:** 0.20s/60 degrees (4.8V), 0.16s/60 degrees (6V)
- **Voltage:** 4.8V - 6.6V
- **Torque:** 9.4kg/cm (4.8V) - 11kg/cm (6V)
- **Angle:** 180 degrees

- **Weight:** 55g
- **Dimensions:** 40 × 20 × 43 mm / 1.6" x 0.8" x 1.7"

GALLERY

