

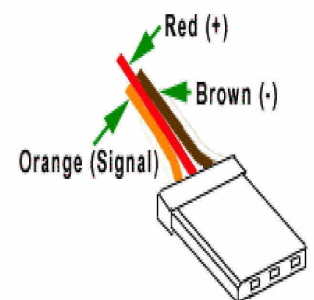
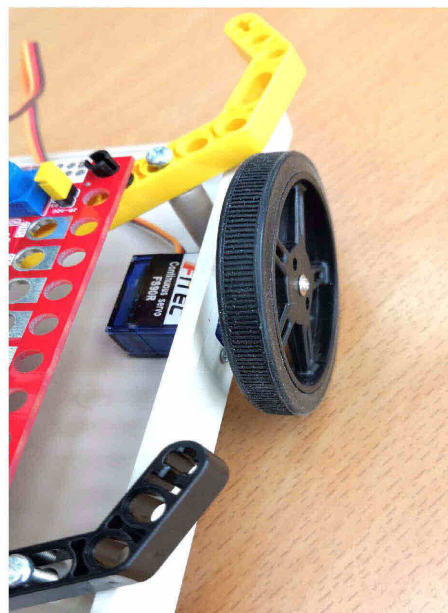
DM-S0090D-R-360 (A-MO-M-00161)


This is a small SERVO MOTOR that can rotate through 360 degrees; it can turn left, turn right and stop without any modifying; so, it is suitably applied to car's wheels, robot's wheels. It uses only 1-Wire I/O for running.

- Dimensions: 22.9 x 12 x 22.5 mm.
- Weight: 9g.
- Power Supply: 4.8V-6VDC
- SPEED 0.10 sec/60 DEGREES (4.8V)
- STALL TORQUE: 1.5 kg.cm (4.8V)
- PWM turning left is less than 1.5ms., MAX SPEED 1ms
- PWM turning right is higher than 1.5ms., MAX SPEED 2ms.
- PWM stops at 1.5ms.
- MAX SPEED 81 RPM

WHEEL SERVO 5.6CM (A-MO-M-00160)

This is a set of wheel, provided with rubber tyre; the diameter of a wheel and tyre is 5.6 cm. It is particularly designed for using with SERVO MOTOR model DM-S009D-R-360 or SG90 directly.



- Example shows the connection between WHEEL SERVO 5.6CM and SERVO MOTOR DM-S0090D-R-360.

MG996R SERVO MOTOR 360 (A-MO-M-00166)

This SERVO MOTOR model MG996R can rotate through 360 degrees; turning left, turning right and stopw. It is suitably applied to MOTOR for driving car's wheel. Gear is made with metal.



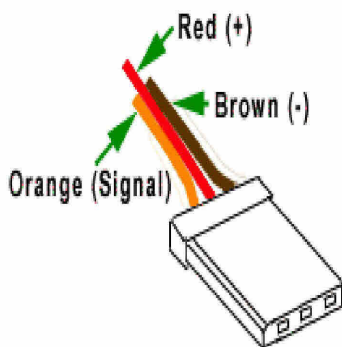
- MG996R HIGHTORQUE METAL GEAR
- DUAL BALL BEARING SERVO MOTOR
- WEIGHT : 55 g.
- STALL TORQUE : 9.4 kg/cm (4.8V), 11kg/cm (6V)
- OPERATING VOLTAGE : 4.8V TO 7.2V
- STALL CURRENT : 2.5A (6V)
- DIMENSION : 40.7 x 19.7 x 42.5 mm.
- OPERATING SPEED : 0.17 s/60° (4.8V) / 0.14 s/60° (6V)
- RUNNING CURRENT : 500 mA - 900 mA (6V)
- SERVO PLUG : JR TYPE
- PWM turning left is higher than 1.5ms, MAX SPEED 2ms
- PWM turning right is less than 1.5ms, MAX SPEED 1 ms
- PWM stops at 1.5ms
- MAX SPEED 42 RPM

R-WHEEL SERVO (A-MO-M-00022)



R-WHEEL SERVO is a set of wheel that is provide with high-quality tyre, injection moulding of plastics.

The diameter of a wheel is 6.7 cm. It is particularly designed for using together with SERVO MOTOR model MG996R, S03N, S03T.

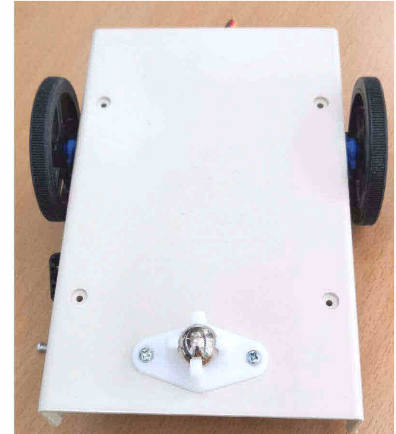
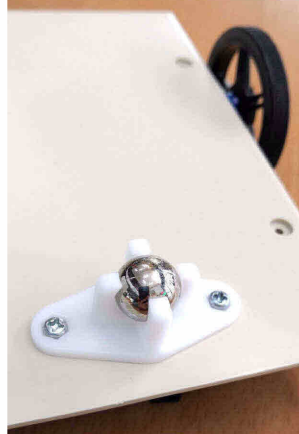


- An example shows the connection between WHEEL SERVO 5.6CM and MG996R SERVO MOTOR 360.

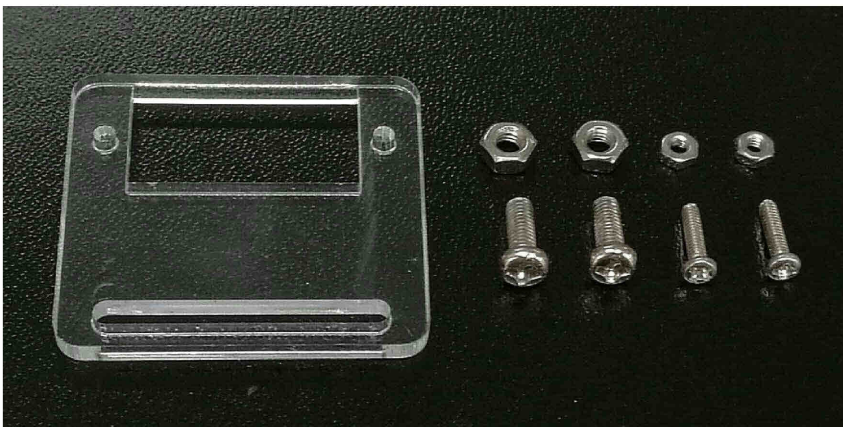
W420 BALL WHEEL (A-MO-M-00157)

W420 BALL WHEEL is a front-wheel, wheel is made by round-metal and the base is made by plastic and 2 holes are fastened by screws,

- DIMENSIONS: 50.4 x 24.4 x 20 mm.
- Pitch of hole: 40 mm.
- Diameter of a round-metal is 15 mm. And weight: 17.7 g.



- An example shows how to install W420 Ball Wheel as a front wheel of robot.

MOUNT SERVO SG90 (A-MO-M-00165)

- DIMENSION : 34.3 x 36.5 x 2.8 mm.

MOUNT SERVO SG90 is a plastic plate that can be assembled together SERVO MOTOR model SG90, DM-S0090D-R-360; it is also provided with 4 bolts and nuts for fastening base and SERVO together or another boxes easily.



- An example shows how to assemble MOUNT SERVO SG90 and DM-S0090D-R-360 SERVO MOTOR.