

Black Mecanum Wheel with Motor Shaft Coupling

FIT0765

Product Overview

02/10/2023

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot Black Mecanum Wheel with Motor Shaft Coupling is an omnidirectional wheel designed for a land-based vehicle to move in any direction. These directions can be to go straight, obliquely, horizontally, S-line, and rotate at any angle with zero radius. Since the wheel is based on omnidirectional drive technology, users can freely control their robot car even in tight space. The black mecanum wheel with motor shaft coupling offers low noise that allows the wheel to move stably and flexibly during operation. This mecanum wheel has a diameter of 60mm and is composed of 9 small rollers. These rollers are made of plastic and coated with quality and high-friction silicone rubber that are rugged and impact-resistant.

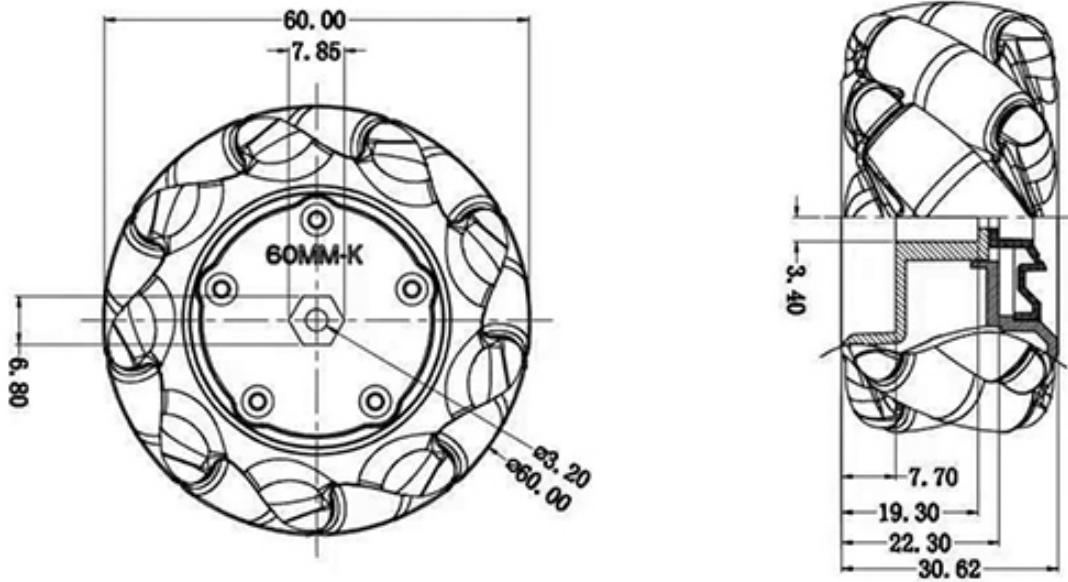


Note: There are two types of Mecanum wheels: left-handed wheel and right-handed wheel. Please pay attention to the L and R noted on the back of the product when purchasing, and it is recommended to buy them in pairs.

Features

- Black color
- Plastic + silicone rubber material
- 60mm wheel diameter
- 30.62mm wheel thickness
- 9 number of rollers
- 45° angle
- 15kg load capacity
- 6.71mm motor shaft coupling diameter
- 27.28mm motor shaft coupling length

Mechanical Dimensions in mm



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-black-mecanum-wheel/>