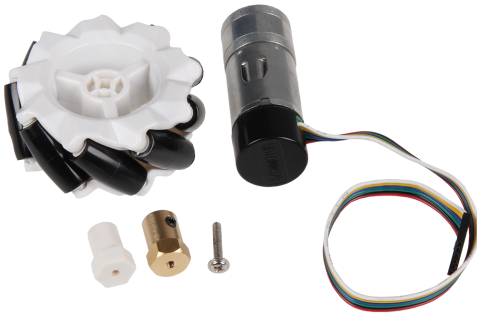


# COM-MOTOR06

## Omni wheel and motor kit



This omni wheel and motor kit is a full set of 4 high-quality omni wheels with matching motors and mounting screws.

These wheels have small rollers around the circumference which are in a 45° angle to the turning direction so that the wheel can slide sidewise.

A vehicle with 4 omni wheels is able to move in every direction without changing the orientation of the chassis.



### MAIN FEATURES

Applications areas	robotic
Compatible with	SBCs and Microcontrollers
Special features	Complete mounting kit
Dimensions (wheel)	Wheel: Ø65 x 29 mm with hub: Ø65 x 35 mm
Dimensions (motor)	Motor: Ø24 x 65 mm with shaft: Ø24 x 78 mm shaft: Ø4 x 9.5 mm
Items delivered	4x 25GA270 with encoder, 2x omniwheels left, 2x omniwheels right, 4x metal hubs with 4 mm bore, 4x plastic hubs for shaft with two flat spots, 4x screws M3 x 17 mm, 4x Allen-threaded bolt M4 x 4 mm

### MOTOR SPECIFICATIONS

Motor	25GA370
Reduction ratio	21.3
No load current	≤ 100mA
No load speed	280 rpm
Rated torque	0.8 kg/cm
Rated speed	200 rpm
Rated voltage (motor)	6V
Rated current	≤ 0.75 mA
Maximum torque	4.5 kg/cm
Stop current	1.3 A
Wiring	
Red	Motor + (6V)
Black	Motor -
Green	Encoder -
Blue	Encoder + (5-12 V)
Yellow	Signal A (11 Imp. per rev.)
White	Signal B (11 Imp. per rev.)



## FURTHER DETAILS

Article No. COM-MOTOR06

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