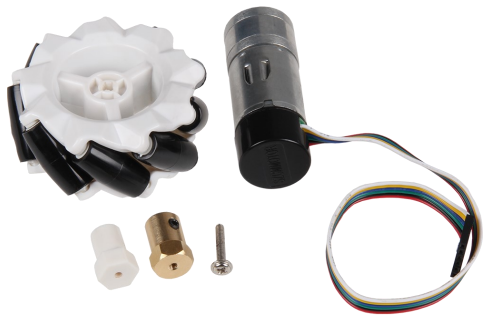
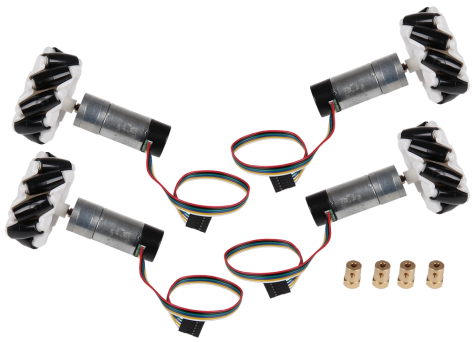
COM-MOTOR06

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
EAN:	4250236820408
Customs Tariff No.	8501109990

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