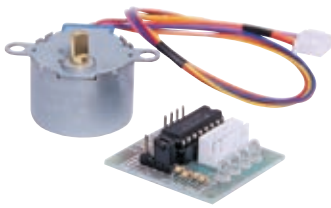


▼ Motors

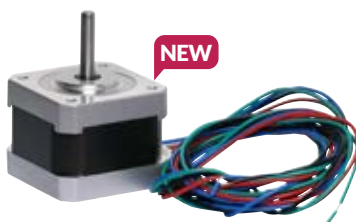
5V Stepper Motor & ULN2003 Module



5V 64-step 28BYJ-48 stepper motor with ULN2003 interface board suitable for interfacing with Arduino based projects. A, B, C, D four-phase LED indicates the status of the stepper motor work. 5VDC input.

Price Each	RRP	2+	4+
Z 6330	9.95	8.95	7.95

200 Step Stepper Motor & Lead



12V 200-step 1.8° 42BYG stepper motor with interface lead. 2 phase type. 0.23Nm holding torque. 5mmØ shaft. NEMA17 M3 mounting hole pattern (31mm). Size: 42x42x34 (25mm shaft). 1m lead.

Price Each	RRP	5+	10+
J 0070A NEMA17	37.50	34.50	31.75

Micro N20 Geared Motors



A very small geared motor with 3-12V input voltage. 3Ø x 10Lmm shaft. Size: 12W x 12H x 34L (inc shaft). 1.6A at stall. Torque: J 0051 5kg/cm, J 0054 2kg/cm. Suits J 0102.

Price Each	RRP	5+	10+
J 0051 298:1 25-100RPM	17.25	15.75	13.75
J 0054 150:1 50-200RPM	17.25	15.75	13.75
J 0049 Mounting bracket	4.55	4.10	3.60

Low Torque F130 Hobby Motor



A 13,500RPM flat top & bottom hobby motor commonly found in slot cars, robotics kits, toys and much more! 8.64gcm torque @ max efficiency.

Price Each	RRP	5+	10+
J 0022 1.5V	4.00	3.60	3.15
J 0024 3V	4.00	3.60	3.15

Can't get to a store?

Order online and we'll send it to your door! Affordable road and air freight options available across Australia so you can get your goods fast.

High Torque F260 Hobby Motor



10,000RM rated hobby motor commonly found in robotics kits, toys and much more! 3-12VDC operation. 4.5V constant nominal operating voltage. 22.42gcm torque @ max efficiency.

Price Each	RRP	5+	10+
J 0026	5.45	4.95	4.35

48:1 Geared Motor



A geared motor with lightweight plastic housing. 5mm double flat shaft. 0.8kg/cm torque. Suits J 0101 rubber wheel. Max 130rpm no load. 1.5A stall. 3-6V.

Price Each	RRP	5+	10+
J 0016 3-6V	6.85	6.15	5.45

12V 66RPM Gear Reduction Motor



This motor gear reduction is ideal for driving wheels or other traction devices. 66RPM. 90:1 ratio. 12V input.

Price Each	RRP	5+	14+
J 0064	29.95	26.95	23.95

Vibration Motor

A surface mount miniature 2.7V vibration motor for projects requiring haptic feedback.



Price Each	RRP	6+	10+
JA0070 2.7V	4.55	3.95	3.60

12V Peristaltic Water Dosing Pump

Can be used in a variety of applications including; chemicals liquid transport, sample analysis, ink transmission, pipeline clean, experiment liquid dispensing. 12VDC input. Flow rate >80ml/min. Suits 5mm tube.



Price Each	RRP	5+	10+
J 0080	19.95	17.95	15.95
J 0083 5mm tubing 1m	11.50	10.50	9.25

Hall Effect Water Flow Sensor

Incorporates a pin wheel sensor and fits inline to measure the amount of liquid that has flowing. Flow rate 1-30L/min. 1/2" nominal pipe connections. 5-18V DC input.



Price Each	RRP	5+	10+
J 0085	11.00	9.95	9.50

Driveshafts



Metal driveshafts for making customised drive designs in robots, etc.

Price Each	RRP	4+	10+
J 0005 Steel 75x2mm	0.75	0.60	0.50
J 0007 Aluminium 300x3.2mm	1.00	0.90	0.80

Plastic Wheel For 5mm Shaft

A plastic wheel with rubber tyre for robotics projects. 65Ø x 26Wmm. Suits motors with double flat 5mm shaft (such as J 0016).



Price Each	RRP	5+	10+
J 0101	4.55	3.90	3.45

Plastic Wheel For 3mm Shaft

A plastic wheel with rubber tyre for robotics projects. 65Ø x 26Wmm. Suits motors with flat 3mm shaft such as J 0051/54.



Price Each	RRP	5+	10+
J 0102	4.55	3.90	3.45

Mecanum Wheels For 5mm Shaft

A plastic Mecanum wheel for robotics projects requiring omnidirectional movement. 60Ø x 30Wmm. Suits motors with double flat 5mm shaft (such as J 0016).



Price Each	RRP	3+	6+
J 0115 Left Side	9.95	8.95	7.95
J 0116 Right Side	9.95	8.95	7.95

Robot Builders Motorised Base Kit



Available in either 2WD or 4WD configuration this robotic vehicle chassis features individual motors for each wheel, fitted with encoding wheels for integration with control sensors. It's the ideal base for your own Arduino powered robo-car design. The acrylic perspex chassis is pre-drilled with a variety of holes for mounting sensors, control boards etc. Includes 4xAA battery holder.

Price Each	RRP	2+	4+
K 1090 2WD	39.75	35.75	31.75
K 1092 4WD	51.25	46.25	40.95