



MBA

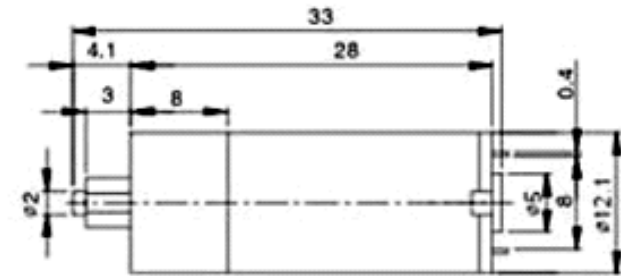
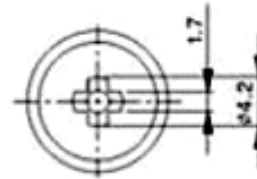
Gearmotors - Basic - Hobby - 12.1mm Diameter

Small light weight geared motors used in toys and small solar applications

NOTE! These gearmotors do not have a standard output shaft.

The output is a plastic crossed block (see diagram) which is designed to be fitted to a fabricated coupling in O.E.M applications.

However, the plastic block would be suitable for drilling and attaching objects with wire for rotating mobile type applications.



WEIGHT: 10g (APPROX)

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Part Number	Rated Voltage V	Approx Output Speed RPM	Reduction Ratio	Length mm	Max Efficiency Motor Speed RPM	Max Efficiency Motor Current A	Max Efficiency Motor Torque g.cm	Max Efficiency Output Watts W	No Load Motor Speed RPM	No Load Motor Current A
12GM-1-180	1.50	16.60	180:1	28.0 <i>1.102</i>	3000	0.16	5.00	0.03	3500	0.09
# 12GM-2-180	1.50	24.90	180:1	28.0 <i>1.102</i>	4500	0.70	10.00	0.20	5000	0.25
# 12GM-1-110	1.50	27.25	110:1	28.0 <i>1.102</i>	3000	0.16	5.00	0.03	3500	0.09

Indicates item not stocked at time of printing - Please enquire for lead time

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MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

Gearmotors - Basic - Hobby - 12.1mm Diameter

Part Number	Rated Voltage V	Approx Output Speed RPM	Reduction Ratio	Length mm	Max Efficiency Motor Speed RPM	Max Efficiency Motor Current A	Max Efficiency Motor Torque g.cm	Max Efficiency Output Watts W	No Load Motor Speed RPM	No Load Motor Current A
# 12GM-1-96	1.50	31.25	96:1	28.0 <i>1.102</i>	3000	0.16	5.00	0.03	3500	0.09
# 12GM-2-110	1.50	40.85	110:1	28.0 <i>1.102</i>	4500	0.70	10.00	0.20	5000	0.25
# 12GM-2-96	1.50	46.85	96:1	28.0 <i>1.102</i>	4500	0.70	10.00	0.20	5000	0.25
# 12GM-3-180	1.50	27.60	180:1	28.0 <i>1.102</i>	5000	0.50	15.00	0.40	6500	0.10
# 12GM-3-110	1.50	45.40	110:1	28.0 <i>1.102</i>	5000	0.50	15.00	0.40	6500	0.10
# 12GM-3-96	1.50	52.00	96:1	28.0 <i>1.102</i>	5000	0.50	15.00	0.40	6500	0.10

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Ph +61 7 3245 7977

Fax +61 7 3245 1017

Catalogue requests to catalogues@minibearings.com.au
