

Datasheet

G12-N20 Geared Mini DC Motor

This is a DC Mini Metal Gear Motor, ideal for making robots. Light weight, high torque and low RPM. Fine craftsmanship, durable, not easy to wear. With excellent stall characteristics, can climb hills easily. You can also easily mount a wheel on the motor's output shaft. Widely used on boat, model car, robotic, home appliances, linear motion control.

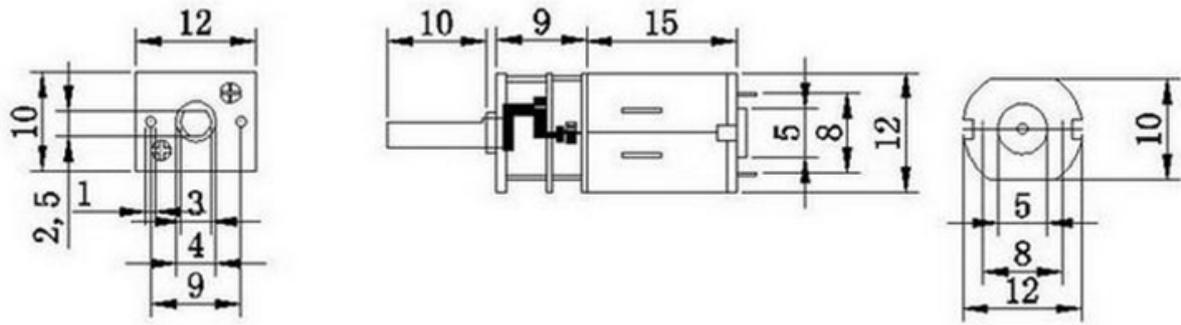


Brief Data:

- Model :GA12-N20
- Rated Voltage : 6~12V
- Revolving Speed : 100RPM @ 6V
- Load Speed: 80RPM
- Rated Torque: 2 kg.cm
- Stall Torque: 16 kg.cm
- Rated Current: 0.07A
- Stall Current: 1A
- Reduction Ratio: 1:10
- Total Length : 34mm
- Gear Material: Full Metal
- Gearbox Size : 15 x 12 x 10mm (L*W*H)
- Shaft Size : 3 x 10mm(D*L)
- Net Weight : 10g

Mechanical Dimension:

Unit: mm



Supply Voltage vs RPM:

Supply Voltage	RPM
3V	50
6V	100
12V	200