

# Solarbotics GM8 Gear Motor

## R246-GM8

### \$6.00

Internally geared DC motor with a high torque rating provides an effective solution for building drive trains in many applications, robotics or otherwise.



The Solarbotics GM8 motor contains a 143:1 gear reduction, providing a large amount of torque. Inside the housing, a built in clutch alleviates the possibility of burning out the motor during stall conditions. Built in mounting holes simplify the attachment of the motor.

The output shaft has two keyed sides providing a stronger connection for rotational loads.



#### Specifications

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Operating Voltage	5.0 V
Output Torque (@ 5.0 V)	0.3 Nm
No Load Speed (@5.0 V)	70 RPM
Stall Current	670 mA
Mass	32 gm (1.13 oz)
Dimensions	55 x 48 x 23 mm (2.17 x 1.89 x 0.91)
Output shaft diameter	7 mm (2.8 in)

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