

12V/1.9Kg-cm/175RPM 14:1 DC Gear Motor



The 3266 is a 12 volt gear motor, generating 1.94 Kg-cm of torque at 175 RPM. Since this motor has a lower power output for its size, you can expect it to have a longer lifespan than other motors.

The planetary gearbox on this motor is more sophisticated than a typical spur gearbox and will provide greater efficiency, higher torque, and quieter motor operation.

Product Specifications

Motor Properties

Motor Type	DC Motor
Output Power (Mechanical)	3.8 W
Maximum Speed at Rated Voltage	175 RPM
Rated Torque	1.9 kgB·cm
Stall Torque	12.9 kgB·cm

Electrical Properties

Rated Voltage	12 V DC
Rated Current	650 mA
Stall Current	2.4 A

Physical Properties

Shaft Diameter	8 mm
Wire Length	350 mm
Weight	464 g

Gearbox Specifications

Gearbox Type	Planetary
Gear Ratio	13 ²¹² □ ₂₈₉ : 1
Number of Gear Trains	2
Maximum Strength of Gears	30 kgB·cm
Shaft Maximum Axial Load	50 N
Shaft Maximum Radial Load	35 N
Backlash Error	3B°

