

24V/34Kg-cm/241RPM/4.25:1 DC Gear Motor



The DCM4001 is a 24 volt motor, generating 34 kg-cm of torque with a top speed of 241 RPM. For more details on the torque and speed characteristics of the motor, see the torque curves document on the Resources tab.

This motor has a high rated current, so we recommend you use the DCC1000. See the Connection & Compatibility tab for more information.

Product Specifications

Motor Properties

Motor Type	DC Motor
Output Power (Mechanical)	124 W
Maximum Speed at Rated Voltage	241 RPM
Rated Torque	34 kg·cm
Stall Torque	202.2 kg·cm

Electrical Properties

Rated Voltage	24 V DC
Rated Current	6.5 A
Stall Current	22 A

Physical Properties

Shaft Diameter	12 mm
Wire Length	300 mm
Weight	1.9 kg

Gearbox Specifications

Gearbox Type	Planetary
Gear Ratio	4.25:1
Number of Gear Trains	1
Maximum Strength of Gears	6 N·m
Backlash Error	3°