

24V/5.1Kg-cm/588RPM 4.25:1 DC Gear Motor



Product Description

The 3269 is a 24 volt gear motor, generating 5.1 Kg-cm of torque at 588 RPM. It's a large motor that provides lots of torque, even at higher speeds.

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.

This revision of the 3269 has had its rear shaft and mounting holes changed to be compatible with the [3531 – Optical Rotary Encoder HKT22](#).

Product Specifications

Motor Properties

Motor Type	DC Motor
Output Power (Mechanical)	30 W
Maximum Speed at Rated Voltage	588 RPM
Rated Torque	5.1 kg·cm
Stall Torque	31.2 kg·cm

Electrical Properties

Rated Voltage	24 V DC
Rated Current	2.2 A
Stall Current	10.8 A

Physical Properties

Shaft Diameter	12 mm
Wire Length	300 mm
Weight	1.3 kg

Gearbox Specifications

Gearbox Type	Planetary
Gear Ratio	4 1 st : 1
Number of Gear Trains	1
Maximum Strength of Gears	46 kg·cm
Shaft Maximum Axial Load	200 N
Shaft Maximum Radial Load	100 N
Backlash Error	3°