

22 Series Brushless DC Motor

This brushless DC motor features a small size with a high torque output up to 11 m.Nm. It offers a wide speed range and high efficiency for various applications.



Overview

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The 22 Series Brushless DC Motor is a compact, high-performance solution engineered for precision motion control applications. Designed for efficiency and reliability, these motors deliver consistent torque and speed across varied operating conditions. With a lightweight construction and versatile mounting options, they are ideal for integration into robotics, automation systems, and other precision-demanding equipment.

Technical Specifications

Key Performance Metrics

24 V

Voltage

8.5 W

Rated Power

4

Number of Poles

Model Specifications

Specification	22DMW40-24100	22DMW50-2460
No Load Speed (rpm)	14000	8900
Rated Torque (mN.m)	8.1	11
Rated Speed (rpm)	10000	6000
Rated Current (A)	0.72	0.54
Back-EMF Constant (V/Krpm)	1.7	3.5
Resistance (Ohm)	9.7	13.9
Weight (Kg)	0.05	0.05
Length (mm)	40	50

Features

Suitable Applications

Robotics, Automation, Precision Motion Control