

HTDW-4438-30-NE Gear Motor



HIGH TORQUE
高擎机电

Planetary Series Brushless Servo Motor

HTDW-4438

Integrated Joint Module

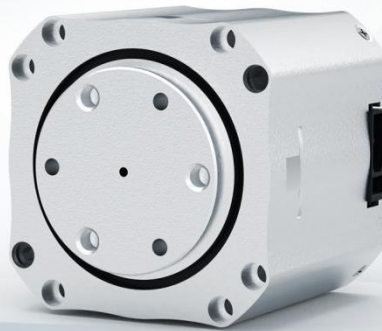
10 Nm Torque

44 × 40 mm Size

High Precision, Low Backlash

Supports Feedforward

PD Feedback Control Mode



Dual Encoders

Supports **FDCAN**, **CAN**, and **RS-485**

Product Parameters



4438-30 Module Parameters

Basic Parameters	Reducer Characteristic Parameters	Joint Module Performance Parameters
Diameter /mm44	Backlash /Arcmin<10	Reduction Ratio30
Height /mm40	Repeatability /Arcmin<12	Rated Torque /Nm1.5
Weight /g194	Absolute Positioning Accuracy /Arcmin<15	Peak Torque /Nm10
		Rated Speed (24V) /rpm36
		No-load Speed (24V) /rpm75
		Rated Power /W13
Electrical Performance Parameters	Motor Characteristic Parameters	
Rated Voltage /V24	Torque Constant Nm/A0.039	
Rated Current /A1	Number of Pole Pairs14	