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INDUSTRIAL PRODUCT DATASHEET

RobStride 06 QDD 36 N.m integrated actuator module

RobStride 06 QDD 36 N.m integrated actuator module: a 621g high-torque actuator with integrated motor, driver, reducer, and dual encoders, delivering 36 N.m peak torque.

SKU	UPDATED	PRICE
100010715	2026-11-11 09:20:54	$210.00(Excl. VAT)



Overview



The RobStride 06 QDD 36 N.m integrated actuator module combines a motor, driver circuitry, planetary reducer, and dual magnetic encoders in a powerful 621g module. It supports daisy-chain connections, a 15-60V input range (rated 48V), and delivers 36 N.m peak torque with a 9:1 reduction ratio.

Key Features

01 **Highly-integrated**

Includes motor, driver circuitry, planetary reducer, and dual magnetic encoders in a powerful 621g module

02 **Simple Connection**

Features "One-in-One-out" wiring design, enabling efficient daisy-chain connections for complex multi-joint robots

03 **Dual Encoder**

Features 14-bit single-turn absolute magnetic encoders for precise motion control

04 **Wide Voltage Compatibility**

Supports 15-60V input range (Rated 48V), compatible with various high-power battery systems

05 **Extreme Torque Density Delivers 36 N.m peak torque with a 9**

1 reduction ratio, designed for heavy-duty robotic joints

Product Gallery

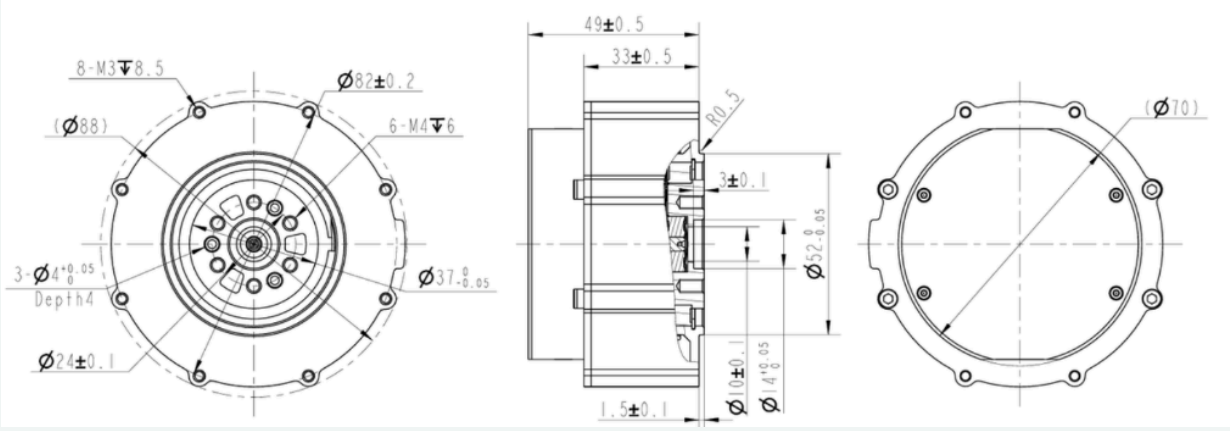


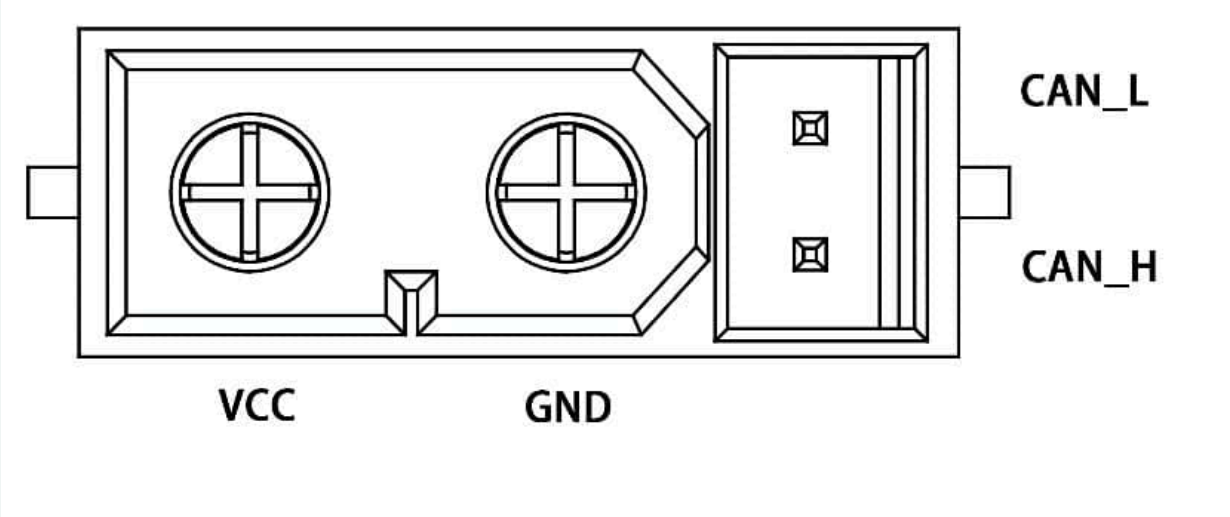






Hardware Overview





Resource Links

- https://www.seeedstudio.com/Robostride-06-Actuator-p-6668.html
- Datasheet
- User Manual
- 3D model
- wiki

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