

# Product Specifications

## 1. Product Overview

- 1.1 Product Name: JGSM Servo Motor
- 1.2 Product Model: JGSM-60B20-15D24B-RU
- 1.3 Product Description:

The JGSM series servo motors are designed for harsh environment scenarios such low temperature, high altitude, strong vibration and shock force. They are using permanent magnet materials and resolvers as feedback devices. These motors feature high overload capacity, as well as high resistance to vibration and shock.

- Rated power 200W, Rated Torque 1.3N.m.
- 3 times torque overload capacity, with a maximum speed of 3000 rpm
- Resolver as feedback device, high reliability
- Operating temperature: -40°C to +85°C
- IP65 Protection

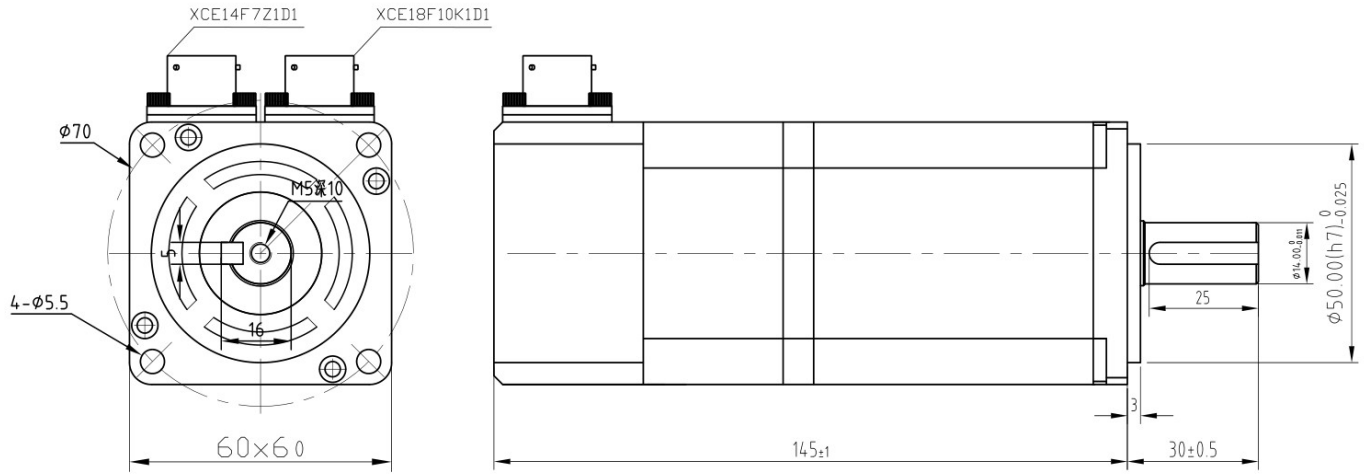
## 2. Technical Parameters

### 2.1 Parameter Table

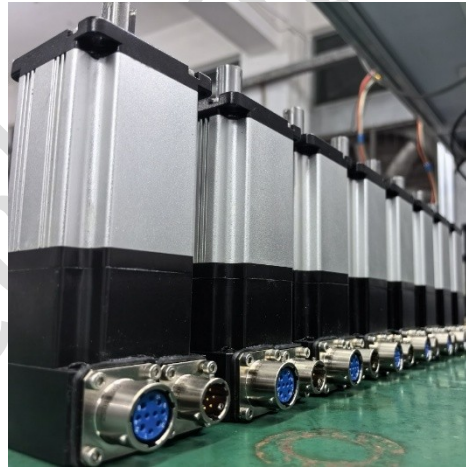
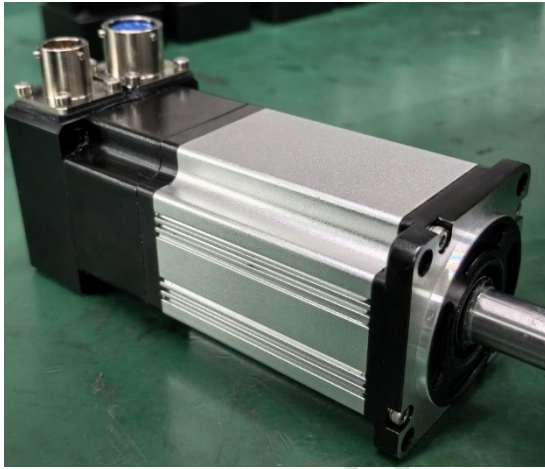
Parameters		Model
Parameter	Units	JGSM-60B20-15D24B-RU
Flange Size	mm	60
Rated Power	W	200
Rated Voltage	V	24
Rated Speed	rpm	1500
Max. Speed	rpm	3000
Rated Torque	N·m	1.3
Peak Torque	N·m	2.6
Rated Current	A	14.5
Peak Current	A	29
Rotor Inertia	10 <sup>-4</sup> Kg·m <sup>2</sup>	0.243
Pole-pairs		5 pole-pairs
Insulation Class		Class F
Protect Grade		IP65
Feedback Encoder		Resolver
Brake		With Brake, DC24v
Max. Operating Altitude		6000m, capacity reduction required above 2000 m
Operating Conditions		Temperature: -40°C~+85°C; Humidity: ≤90%RH (no frost)
Storage Conditions		Temperature: -50°C~+85°C ; Humidity: ≤90%RH (no frost)
Remarks		

## 3. Overall Dimensions

### 3.1 Dimension Drawing



### 3.2 Appearance Photos



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