# Micromotors | Flat Brushless DC Motors | SVTM F 01-7.59-12-S-CH





**SVTM F 01-7.59-12-S-CH** 

Nominal voltage 12 V

**No load speed** 9350 rpm

No load current 52 mA

Nominal speed 5170 rpm

Nominal torque 7.590 mNm

Nominal current 0.700 A

Stall torque 19.000 mNm

Stall current 1.620 A

**Terminal resistance\*** 7.200 ?

Terminal inductance\* 0.620 mH

**Torque constant** 12.000 mNm/A

**Notice:** The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.

### **Brushless DC Compact Motor**

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Rotor inertia 5.100 gcm<sup>2</sup>

The natural geometry of the outrunner Brushless Flat Motors, as well as the iron core winding, are the perfect fit for applications requiring hightorque in reduced dimensions. Simplified design, high-end material selection, and automated manufacturing make Flat Motors a highperformance solution at a competitive price. Our vocation in listening to the client's requirements has led us to develop a customization-minded offer, focusing on specific application requirements such as integrated feedbacks, special cables, and custom shape of shafts and flanges.



#### Advantages



#### Benefits

- Compact
- High Torque
- High-quality materials and automated manufacturing
- Highly customuizable

- Compact motor leads to compact design
- High Efficiency
- Good quality/price ratio
- Better and easier integration



## expertise in connectivity