High Power Density - High Torque - High Efficiency
Cost-effective - Compact - Customizable

Feature

	SVTM F 02-25.1-12-S-CO
Nominal voltage	12 V
No load speed	4650 rpm
No load current	0 mA
Nominal speed	2800 rpm
Nominal torque	25.100 mNm
Nominal current	1.000 A
Stall torque	75.300 mNm
Stall current	3.200 A
Terminal resistance*	3.430 Ω
Terminal inductance*	1.870 mH
Torque constant	24.800 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.

	SVTM F 02-25.1-12-S-CO
Rotor inertia	35.000 gcm²

The natural geometry of the outrunner Brushless Flat Motors, as well as the iron core winding, are the perfect fit for applications requiring high-torque in reduced dimensions. Simplified design, high-end material selection, and automated manufacturing make Flat Motors a high-performance 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

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

Benefits

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