## MICROMOTORS | FLAT BRUSHLESS DC MOTORS | SVTM F 05-457-24-S-WH



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



	SVTM F 05-457-24-S-WH
Nominal voltage	24 V
No load speed	3300 rpm
No load current	0 mA
Nominal speed	2700 rpm
Nominal torque	457.000 mNm
Nominal current	6.800 A
Stall torque	1600.000 mNm
Stall current	23.000 A
Terminal resistance*	0.210 Ω
Terminal inductance*	0.190 mH
Torque constant	63.000 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

	SVTM F 05-457-24-S-WH
Rotor inertia	3000.000 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.



Highly customuizable



## Compact High Torque High-quality materials and automated

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

PCS product engineering services

Zoning de la Rivièrette, 65 7330 Saint-Ghislain (Belgium) T : +32 (0)65 76 40 40 E : service@pes-sa.com

expertise in connectivity for innovative solutions

www.pes-sa.com