

Portescap Athlonix™ 22NT Brush DC Motors Designed to excel in uneven loading environments

Portescap introduces the [22NT Athlonix Brush DC Miniature motor](#). The new 22NT motors offer excellent power-to-weight ratio, ensuring high battery life while providing high power up to 12.7W. This enables OEMs to build smaller, lighter, and higher performing machines and devices. This robust motor eliminates the need to choose between compact size and weight or battery life and equipment life cycle.

22NT mini motors provide maximum continuous torque up to 16.6 mNm to deliver higher endurance and performance while maintaining operational efficiency. The 22NT is an ultra-compact motor, weighing just 54 g / 1.90 oz. As part of the Athlonix™ platform, 22NT motors feature an energy efficient coreless design with an optimized self-supporting coil, magnetic circuit along with Graphite commutation system. This allows for the motor to maximize power density, while also providing sustained endurance over the life of the motor. This makes 22NT miniature motors ideally suited for use in applications such as Humanoid Robots, Medical and Industrial Hand Tools, Miniature Pumps, Lab Automation, Clinical Diagnostics and Material Handling.

Portescap's new 22NT Athlonix Brush DC mini motors are compatible with incremental encoders and gearheads of various sizes and ratios and can be customized to meet customers requirement (Ball Bearings, Shaft Length, Special Coils, Cable Connectors, Fixation Holes). They are manufactured in an ISO certified facility and are RoHS compliant. Contact Portescap's application and sales support team to obtain additional specifications and rapid prototype samples.

About Portescap

Portescap offers best-in class solutions to meet the motion needs of medical and industrial applications. We serve performance-critical applications with a broad offering

of electronic miniature product technologies - [brush DC](#), [brushless DC](#), [stepper can stack](#), [digital linear actuators](#), [disc magnet](#) and [gearhead/encoder/drive](#) technologies. Portescap products have been serving diverse motion control needs in wide spectrum of medical and industrial applications - [medical](#), [life sciences & clinical diagnostics](#), [instrumentation](#), [automation](#), [aerospace](#) and [security](#) applications, for more than 70 years.

Portescap has manufacturing centers in the United States and India, and utilizes a Global Product Development network with research and development centers in the United States, China, India, and Switzerland.

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