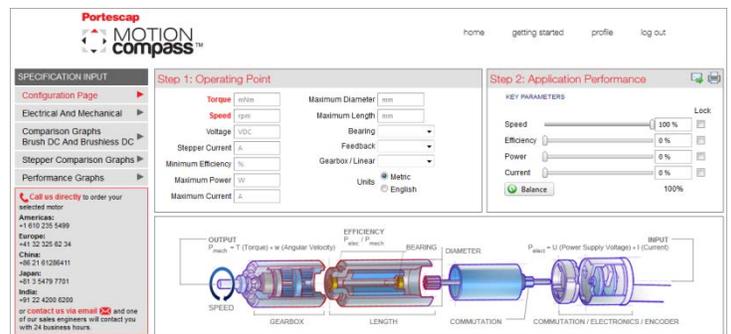


Miniature Motor Selection on Demand

Portescap has released MotionCompass™ (www.motioncompass.com), a web-based application designed to provide mini motor solutions based on unique motion requirements for various applications. The input parameters (speed and torque) generate motor recommendations across multiple product technologies. A wealth of self-contained data is available on recommended options, including electrical and mechanical specifications, speed vs. torque curves and performance charts. All data is dynamically generated in real-time and provides the ability to select a solution based on specific application needs. Users can choose product(s), review performance metrics and confirm the optimum solution for the application.



A unique feature of the MotionCompass is the ability to assign weights to four key performance parameters (speed, efficiency, power and current), which directly impact motor recommendations. The intelligent algorithm, developed based on years of experience and application know-how, recommends a set of ideal motor solutions to maximize application performance. Additional motor parameters, such as diameter, bearing type, efficiency and current requirements, feedback options etc., are available to further narrow down recommended options that meet specific application needs.

“The MotionCompass puts the power of product configuration and selection in the hands of the user. Real-time product recommendations based on user inputs provide the ability to evaluate a multitude of options and determine the optimal motor for the application. Users can fine tune application parameters and evaluate performance impact on-line without ordering samples to test in live application – eliminating the iterative qualification process. Hours of pouring through catalog data has been replaced

by minutes of time spent on-line, with a depth of data not previously available, to enable faster decision making,” says Dave Beckstoffer, Project Manager at Portescap.

Portescap provides local application support and expertise to assist customers in optimizing motor selection for their applications.

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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