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## New Electric Motion Sizing Tool from Festo

Offers quick and simple selection of optimum product solutions

Searching for the optimum solution for your linear motion application has just got much easier, thanks to the new Electric Motion Sizing Tool from Festo.

This free online tool offers error-free sizing of both rotary and linear applications for electro-mechanical systems. Improving efficiency and accuracy as well as saving time, it enables users to find quick, reliable results without complex calculations to identify the mass moment of inertia. The user simply inputs a small number of parameters, such as mass, stroke/travel distance and cycle time, and the sizing tool promptly identifies which solution is the most economical for those requirements.

Uniquely, the Festo Electric Motion Sizing Tool is suitable to size both linear and rotary motion applications: either where motors and mechanics must be sized together, or for purely rotary scenarios. Based on the application parameters provided, it delivers up to five optimum solutions and motor curves, which the customer can transfer immediately to the Festo online basket together with full commissioning files. These optimum solutions can then be fine tuned with options such as encoder type, brake and mechanics to be tailored to your particular application.

The sizing tool allows users to view the performance of different options and download the detailed results, choose the most cost-effective option that meets their performance requirements and generates a complete Bill of Materials. The solutions it offers can be seamlessly connected to ProfiNet, EtherCat, or EtherNet IP networks without further work.

Users can also quickly connect to the Festo Automation Suite tool for easy commissioning. The Festo Automation Suite (FAS) allows commissioning engineers to configure all products from remote IO to pneumatic valve terminals, PLCs and servo drives in a single free tool. The commissioning files can be directly imported from the Electric Motion Sizing Tool and FAS automatically connects to the Festo cloud to download project specific documentation and updates within the software. It even incorporates Codesys code for programming PLCs and Motion controllers.

For a demonstration of how to use both the Electric Motion Sizing Tool and Festo Automation Suite, view the Servo Drives on-demand webinar here: [www.festo.co.uk/servowebinar](http://www.festo.co.uk/servowebinar)

For more information about Festo electric automation products and services and to try the Electric Motion Sizing Tool for yourself, visit: [www.festo.com/ea](http://www.festo.com/ea)

Press Images



### Electric Motion Sizing Tool

The new Electric Motion Sizing Tool from Festo simplifies sizing and selection of rotary and linear applications with electro-mechanical systems.

Festo GB & IE

### About Festo

Festo is a leading international supplier of automation technology with a turnover in 2024 of around €3.45 billion. Festo employs over 20,000 people worldwide and is a proven innovator and problem solver in pneumatic and electrical automation, where it is the performance leader. Festo offers around 36,000 pneumatic and electric products in hundreds of thousands of variants for factory and process automation technology, many of which can be tailored to specific customer needs. Sustainability, reducing its CO2 footprint, digital learning, innovation, performance and speed are the key drivers for the company's future. Festo GB operates as a carbon neutral organisation and uses the PAS 2060 standard externally audited by NQA to validate this claim to customers, employees and other stakeholders.

**Festo Industrial Automation's** innovative strength is demonstrated through the launch of around 100 new products every year. The company invests over 8.5% of its turnover in R&D, resulting in over 2,600 patents held worldwide. For more information about the company's products and UK / Irish services, please visit: [www.festo.com/gb](http://www.festo.com/gb) and [www.festo.com/ie](http://www.festo.com/ie)

**Festo and Industry 4.0** - Festo has engaged with the Industry 4.0 initiative from its inception: as a user, manufacturer and trainer. As a member of the steering group, the company has taken an active role in defining the core standards such as the RAMI model and the Administration Shell. Festo Didactic has installed Industry 4.0 Cyber-Physical Factory training hardware systems in many leading universities and training centres. It also provides Industry 4.0 training courses for change managers and practical workshops for employees. Industry 4.0 technologies such as OPC-UA communications are embedded in the latest generation products. For more information, go to [www.festo.com/digitalisation](http://www.festo.com/digitalisation)

**Festo Didactic training** delivers training for industry – by industry. Combining Festo's industrial heritage with its future-focused manufacturing and engineering expertise to deliver courses for greater productivity and competitiveness. Offering a wide range of open courses, structured development programmes and tailor-made, customer-specific projects on technology and Industry 4.0 and the industry-leading online training suite, Festo LX. Festo also provides state-of-the-art training equipment solutions for industrial companies and educational institutions around the world. Festo Didactic has around 56,000 education customers worldwide. More information on Festo training and consulting services can be found at: [www.festo.com/didactic](http://www.festo.com/didactic)

**Festo Bionic Learning Network** encapsulates the innovative nature of Festo, raising awareness and attracting talent to the company. Exploring the links between nature and technology opens new areas of innovation and demonstrates complex ideas in a stimulating and enjoyable way. Festo works with an alliance of internal R&D, external educational establishments and specialist companies to advance bionic solutions for automation applications of the future. The objective is to benefit from bionics as a source of inspiration and to realise these in industrial automation. For more information about Festo's Bionic Learning Network, please visit: [www.festo.com/bionics](http://www.festo.com/bionics)