



CAD POINT: Precision landing for gearbox configuration and selection

July 11, 2018

CAD POINT, which is due to be released by WITTENSTEIN alpha GmbH, expands the company's software portfolio for efficient drive configuration and selection. This online tool is designed as a smart catalog for customers wishing to access product information, data sheets and CAD data precisely with just a few clicks.

WITTENSTEIN develops customized products, systems and solutions for highly dynamic motion, maximum-precise positioning and smart networking for mechatronic drive technology.

The ordering code provides a quick route to specific gearboxes as an alternative to selection via the product overview. Once users have found the product they are looking for, they can finish the selection process by requesting a non-binding quote. CAD POINT puts not only WITTENSTEIN alpha's entire portfolio of gearboxes and actuators but also some 16,000 motors from many different manufacturers at their fingertips. The CAD POINT tool, which supersedes the old Info & CAD Finder, also convinces with a significantly improved user experience, more than halving the time needed to configure individual products.



CAD POINT is an online tool in the form of a smart catalog.

CAD POINT offers considerable added convenience to users who start off with a known gearbox type or a preferred size and want to compare different gearbox and drive configurations: once selected, the characteristics are subsequently remembered throughout the configuration process, even after switching to a different size. Comparing several possible alternatives is thus simpler and faster thanks to the new software. The ordering code can be copied from the customer's program, for instance, and then pasted directly into the CAD POINT GUI, so that the desired product is located in the electronic catalog in next to no time. If the ordering code is entered manually, this input is automatically validated, enabling data entry errors to be instantly detected and corrected.

Great demand for online access to product information and CAD data

CAD POINT's predecessor tool was already very popular with customers and users alike. In particular, the high performance of the software and the linked databases for gearboxes, motors and

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actuators – not to mention the significantly enhanced user experience provided by the GUI – add substantial value for users in terms of CAD data, product information, data sheets and the ability to request a quote directly.

CAD POINT, SIZING ASSISTANT, cymex® 5: three paths to one goal

The CAD POINT online tool, the web based SIZING ASSISTANT and the cymex® 5 sizing software, which requires a license – three different software concepts from WITTENSTEIN alpha that support the selection and sizing of gearboxes and actuators and allow users to request a quote immediately.

CAD POINT is mainly targeted at customers who already use drive solutions from WITTENSTEIN alpha, are familiar with the applications and benefits and would like to compare configurations or retrieve CAD data just a few clicks.

The SIZING ASSISTANT is designed for users searching for the quickest way to select the most suitable gearbox for their servo drives or kinematics based on a specific motor or a predefined application.

When it comes to more detailed sizing tasks – like main axes involving shaft and bearing calculations, the simultaneous definition of any number of axes in one project, an examination of electrically preloaded drives or the optimization of design spaces – the multifunctional cymex® 5 sizing software is the perfect tool.

For more information on all of these tools, please visit the website: <https://alpha.wittenstein.de/en-en/products/sizing-tools/>.

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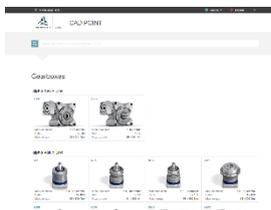
01-walpha-cad-point-logo



02-walpha-cad-point-key-visual



03-walpha-cad-point-screenshot-1



The ordering code provides a quick route to specific gearboxes as an alternative to selection via the product overview.

04-walpha-cad-point-screenshot-2



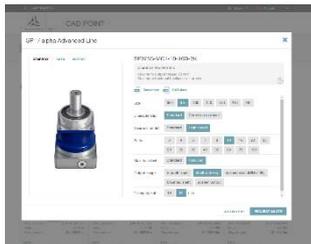
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04-walpha-cad-point-screenshot-3



Once selected, the characteristics are subsequently remembered throughout the configuration process, even after switching to a different size.

05-walpha-cad-point-screenshot-4



Once users have found the product they are looking for, they can finish the selection process by requesting a non-binding quote.

Texts and photographs in printable quality can be downloaded from presse.wittenstein.de.

WITTENSTEIN SE – one with the future

With around 2600 employees worldwide and sales of €385 million in 2017/18, WITTENSTEIN SE enjoys an impeccable reputation for innovation, precision and excellence in the field of mechatronic drive technology – not just in Germany but internationally. The group comprises six pacesetting Business Units with separate subsidiaries for servo gearboxes, servo actuator systems, medical technology, miniature servo units, innovative gearing technology, rotary and linear actuator systems, nano technology and electronic and software components for drive technologies. Through its 60 or so subsidiaries and agents in approximately 40 countries, WITTENSTEIN SE (www.wittenstein.de) is additionally represented in all the world's major technology and sales markets.

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