

## SPS Connect trade show

### The automation industry meets online

**The SPS - Smart Production Solutions trade show - will also only take place digitally in 2020. The automation industry meeting is called "SPS Connect" and runs from November 24 to 26, 2020. ebm-papst will be there with innovative ventilation and drive solutions.**

#### Special geometry: Diagonal compact fans

As with an axial compact fan, the new diagonal compact fan from ebm-papst also takes air in and blows it out axially. Due to its special geometry, turbulence is minimized and the pressure build-up is increased at the same time. This way, a significant noise reduction of 6 dB(A) with up to 50% higher air performance can be achieved. Typical applications for the DiaForce are electronics cooling, e.g. in data centers or in mobile communications base stations.

#### Robust axial fan

By contrast, high air flow with relatively low back pressure that prevails in evaporators, heat pumps and other ventilation and air conditioning devices are more the area of application of axial fans. ebm-papst presented the pressure-resistant AxiEco Protect axial fans with guard grill at the beginning of 2020. Thanks to their low noise emissions, they are particularly well-suited for applications in noise-sensitive areas. The existing product range will be expanded in November 2020 to include AxiEco Perform axial fans with a housing made of composite material.

#### Drives in safety extra-low voltage

The modular ECI drive system from ebm-papst is ideal for drive tasks resolved decentrally in industrial automation for stationary and mobile applications. The "heart" of all configurations is a brushless, electronically commutated ECI internal servo rotor motor. The focus is on drives in safety extra-low voltage, currently in the power range between 10 and 750 watts. In addition to the electronically commutated motor, there are also control electronics available with different communications interfaces, various transmission variants, brakes, encoders, etc. The modular ECI drive system from ebm-papst is ideal for decentralized applications in production and assembly automation, handling systems and industrial robots.

#### Free tickets

There is a fee for participation in SPS Connect, but free tickets are available from ebm-papst at [www.ebmpapst.com/sps](http://www.ebmpapst.com/sps). Register at <https://sps.mesago.com/>.

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Fig. 1: In addition to the electronically commutated motor, the modular drive system from ebm-papst also includes the control electronics with different communication interfaces, various transmission variants, brakes, encoders, etc.

Photo 1 ebm-papst  
Characters approx. 2,400, including headings and sub-headings  
Tags Axial fan, diagonal compact fan, electronics cooling, drive system, servo motor  
Link [www.ebmpapst.com/sps](http://www.ebmpapst.com/sps)

### About ebm-papst

The ebm-papst Group, a family-owned company in Mulfingen, Germany, is the world market leader in fans and drives. Founded in 1963, the technology leader with its core competences motor technology, electronics and aerodynamics, has set international market standards ever since. With over 20,000 products, ebm-papst offers customized, energy-efficient and intelligent solutions for virtually any ventilation and drive technology requirements.

In fiscal year 2019/20, the hidden champion achieved a turnover of 2.188 billion euros and employed almost 15,000 people in 29 production sites (e.g. in Germany, China and the US) as well as in 48 sales locations. With their fan and drive solutions, ebm-papst defines and sets the benchmark in practically all industries, such as ventilation, air-conditioning and refrigeration, heating, automotive, IT, mechanical engineering, catering and household appliances, intralogistics and medical engineering.

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