

ebm-papst at the 2019 SPS

Everything for Automation

Under the new name of “SPS – smart production solutions,” the trade show will take place in Nuremberg this year from November 26-28. At the ebm-papst exhibition in hall 1 booth 1-324, visitors can experience new industrial drive and ventilation technology solutions from ebm-papst.

AxiForce tubeaxial fan for industrial applications

AxiForce tubeaxial fans – the latest fan generation from ebm-papst – will be shown for the first time at SPS. In comparison to the previous generation, the successful S-Force tubeaxial fan series, they deliver more power with less noise. AxiForce tubeaxial fans are used in industrial applications for cooling control units in automation or 5G power modules in mobile network infrastructures, for example. The new AxiForce fan series starts at size 80 mm.

Centrifugal fans for dynamic air transport

The compact RVE45 centrifugal fan with integrated electronics from ebm-papst is dimensioned for applications that require dynamic air transport and high pressure, such as vacuum lifts, mobile extraction systems, fire alarm systems, and packaging technology. The aerodynamics and motor of the RVE45 centrifugal fan are optimized for rapid speed changes. It generates over 5,000 Pa and is still small, lightweight, and quiet.

Robust transmission for size 42 mm motors

To reduce the high speed of internal rotor drives and bring the drive torque to an application-compatible level, ebm-papst provides various transmission series. The new Optimax 42 transmission is an overload-compatible planetary gearhead for special requirements. A large effective diameter in comparison to its outer dimensions gives the transmission its overload capacity. In summary: at SPS, ebm-papst will be showing an extremely robust, overload-compatible one- or two-stage planetary gearhead for size 42 mm motors from the new modular drive system. The transmission is available in degree of protection IP54 as standard.

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Fig. 1: The new AxiForce tubeaxial fans from ebm-papst cool control units in automation, for example.

Fig. 1 ebm-papst
Characters Approx. 2,200, including headings and sub-headings
Tags tubeaxial fan, centrifugal fan, transmission, SPS
Link <https://www.ebmpapst.com>

About ebm-papst

The ebm-papst Group, a family-run company headquartered in Mulfingen, Germany, is the world's leading manufacturer of fans and motors. Since the technology company was founded in 1963, it has continuously set the global industry standard. With over 20,000 products in its range, ebm-papst provides the best energy-efficient, intelligent solution for virtually every ventilation or drive engineering task.

In fiscal year 2018/19, industry leader ebm-papst generated revenues of 2.18 billion euros. It employs over 15,000 people at 28 production sites (e.g. in Germany, China and the US) and in 48 sales offices worldwide. Fans and motors from the world market leader are used in most industries, including ventilation, air conditioning and refrigeration, household appliances, heating, automotive and drive engineering.

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