

Press Release

Premiere for versatile high-pressure series

Sauer Compressors introduces Orkan series

Kiel, Germany, 13 June 2019. The Sauer Compressors portfolio is growing: With the Orkan series, Sauer celebrates the premiere of a versatile compressor range that combines a number of innovative technologies. The Orkan high-pressure compressors will be available in various designs and are suitable for the compression of many gases and for a wide range of applications.

The new high-pressure series Orkan by Sauer Compressors is part of the manufacturer's biggest development project so far. The air-cooled series comprises oil-lubricated piston compressors and gas compressors of up to 110 kW for final pressures of up to 500 barg. Booster solutions with inlet pressures of up to 16 barg are also covered. At ComVac 2019 during Hannover Messe, Sauer presented the first prototype. The new series will enter the market approximately within the first quarter of 2020.

Premiere for magnetic coupling

The Orkan series is based on a versatile, modular system. Various designs are ready to cater for special requirements. There are hermetically gas-tight and explosion-proof versions for helium, natural gas and hydrogen. In the hermetically gas-tight compressors, Sauer uses a new type of magnet coupling for the first time. It not only guarantees absolute gas-tightness but is also extremely low-maintenance and operates with maximum reliability.

New cooling concept

A further novelty of the Orkan series is the innovative cooling concept. The new CubeCooler enables recooling temperatures that are more than 30 % lower than those of conventional cooler configurations. For a high cooling capacity like this, Sauer Compressors arranged the coolers radially around the combined fan and flywheel. This cooling concept has already proven itself in the Sauer medium-pressure series Breeze.

Orkan complements portfolio

With its technical properties, the Orkan series ranges between Sauer's Hurricane series and 6000 series. Thus, Sauer's portfolio of high-pressure compressors of up to 500 barg now covers the entire range of 4 to 230 kW. The Orkan series is equipped with the new compressor control Sauer ecc 4.0 which stands for simple operation and a high degree of safety. Another advantage of the air-cooled compressors is the extremely compact and clear construction for this performance class.

Sauer Compressors is a medium-sized German group of companies with twelve international subsidiaries. The company was founded more than 130 years ago, and has over 80 years' experience in compressed air technology. Today, it focusses on the development, production and sale of medium- and high-pressure compressors for applications in commercial shipping, industries, the petroleum industry and the defence sector. The four product lines SAUER, HAUG, Girodin und EK focus on specific fields of application. The SAUER line comprises oil-lubricated high-pressure compressors for a wide variety of applications, while HAUG stands for oil-free and hermetically gas-tight compressors. The Girodin and EK lines offer special compressors for the naval market. Sauer Compressors' modern

reciprocating compressors for the compression of air and various gases reach pressures of 20 to 500 barg. Besides standard products, it offers customised solutions for individual customers, OEMs and companies that operate on a global stage. With a global network of agents and representatives, Sauer maintains close proximity to its customers. By supplementing the compressor range with high-quality accessories, engineering services, assembly and service concepts, Sauer offers system solutions right up to complete turnkey installations.

For more information, visit www.sauercompressors.com.

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The following image is enclosed with this press release:



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The Orkan series delivers final pressures of up to 500 barg. Besides the air compressors, there will be special variants for gases such as nitrogen, helium, natural gas and hydrogen. © Sauer Compressors