

PRESS RELEASE

GEA at SMM: GEA screw compressors of the LT series for high efficiency and long product lifetime

Düsseldorf, September 4, 2018 - GEA showcased its LT series of screw compressors at SMM, the leading international trade fair for the maritime industry. GEA's marine screw compressors are suitable for the open seas and offer the highest efficiency with a long product lifetime. The GEA Grasso LT series is available in 16 sizes and covers a flow volume of 805 to 11,467 m³/h (at 2,940 rpm). The GEA-specific 5/6 rotor profile, its capacity and variable control ensures energy-efficient operation. The compressor capacity is infinitely variable in the range from 10 to 100 percent and the internal volume ratio (Vi) adjustable to ensure the optimum compression ratio. All of this leads to a highly efficient operation of the compressor under all operating and load conditions.

The compressor has an extremely long product life and low noise and vibration levels due to its combined sleeve and anti-friction and wear-free rotor bearings. Easy access to the axial bearings from the non-drive end and the field-replaceable mechanical shaft seal ensures easy servicing of the compressors on board. All components are designed for long product life, high availability and easy maintenance.

GEA screw compressors can be supplied according to API 619 or ISO 10440 and further standards.

Highlights & Technical Features

- Extremely long product lifetime
- High efficiency under full and partial load; minimal noise and vibration levels under all operating conditions
- Designed for natural refrigerants like R717 (NH₃), R744 (CO₂) or hydrocarbon and all other common refrigerants
- Available according to API 619 or ISO 10440 and further standards upon request
- Design pressure: 28 bar, 52 bar

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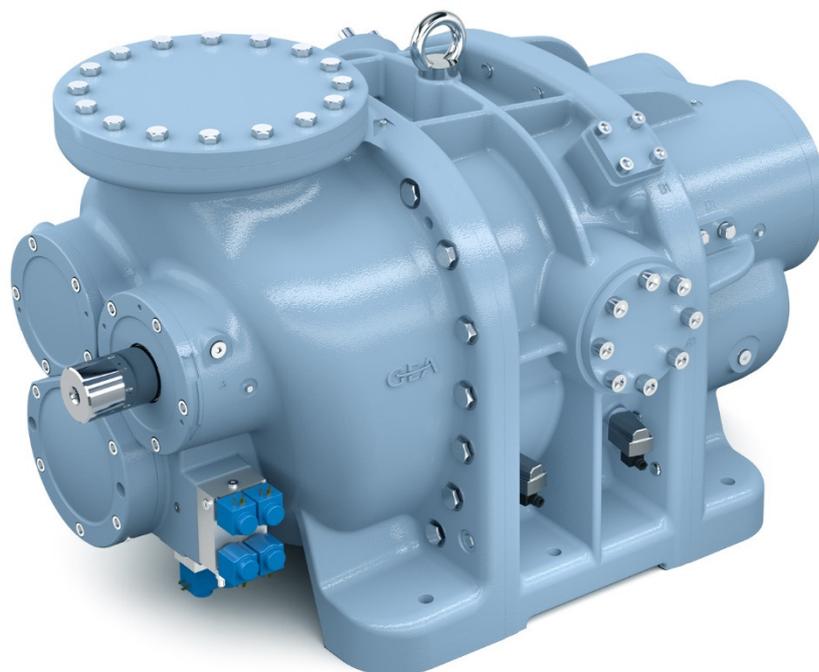


Photo: GEA's marine screw compressors are suitable for the open seas and offer the highest efficiency with a long product lifetime.

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About GEA

GEA is one of the largest suppliers for the food processing industry and a wide range of other industries that generated consolidated revenues of approximately EUR 4.6 billion in 2017. The international technology group focuses on process technology, components and sustainable energy solutions for sophisticated production processes in various end-user markets. The group generates around 70 percent of its revenue in the food and beverages sector that enjoys long-term sustainable growth. As of December 31, 2017, the company employed almost 18,000 people worldwide. GEA is a market and technology leader in its business areas. The company is listed on the German MDAX (G1A, WKN 660 200). In addition, GEA's stock is included in the MSCI Global Sustainability Indexes. Further information is available on the Internet at gea.com.

If you do not want to receive any further information from GEA, please send an email to pr@gea.com.

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