

BOGE Launches Scroll Compressor for the Beverage Industry

BOGE

BOGE caters for sensitive applications that require oil-free compressed air with its Eccentric-Oil free (EO) compressors. Purity isn't just an issue when making beer, but also when decanting any drink. BOGE KOMPRESSOREN has now extended its EO range with the EO 11 scroll compressor to ensure full protection from contamination. The recipe for success here is the scroll compressor technology which does without oil lubrication: The aluminium spirals in the compressor chamber intermesh but do not touch. The resulting compressed air is pulsation-free and absolutely free of oil.

The new EO 11 produces class 0 oil-free compressed air in the 11 kW performance segment. This means BOGE now covers the full



performance range from 5.5 kW to 22 kW. The EO series is available with one to four airends. In the upgrade-ready version the EO 11 can be alternatively retrofitted with an integrated refrigerant dryer or a third airend. Its compact design combined with operation at min. 59 dB(A) means there is no problem with installing the system next to the workplace.

"The EO scroll compressors are perfect for connecting a nitrogen PSA generator from BOGE's N P series when decanting wine. Nitrogen prevents the wine from fermenting further and stops bacteria or mould from forming in the bottle, resulting in an improvement in the shelf life and quality of the product," remarked Mr. Nalin Amunugama, General Manager, BOGE KOMPRESSOREN Asia Pacific Pte Ltd.

Reduce Machine Downtime by Eliminating Lubrication

igus

The Cologne-based motion plastics specialist presents lubrication-free components for the food industry. For decades, igus GmbH has been providing the food industry with lubricant-free and cost-effective high-performance plastics for moving applications. These include a wide range of components that are FDA/EU certified and thus ideally suited for use in this industry, such as the tribo-tape made of iglidur A160 or the detectable xiros M180 polymer ball bearings.

igus, the specialist for plastics in motion, offers a range of components and solutions for the food industry. Among them are the plain bearing materials iglidur A160 and iglidur A181. Due to high abrasion resistance, low moisture absorption and resistance to chemicals, both are particularly suitable for applications with direct contact with food. igus also displays the 0.5 mm thick tribo-tape made of the iglidur A160 material. It can be glued in many ways, giving great freedom in the design and lining of highly stressed gliding surfaces. The film is characterised by a low price and high wear resistance and is also FDA compliant.

The same features are displayed by the xiros M180 polymer ball bearings. Advantages are, as with all xiros products from igus, the freedom from lubrication and maintenance. The xiros M180 ball bearing is also detectable and resistant to media. igus offers innovations even in the field of linear

technology such as the drylin W slide system made of stainless steel in new installation sizes. This corrosion-resistant linear guide combines flexibility and resilience. With the use of V4A stainless steel, all components are extremely resistant to chemicals.



xiros polymer ball bearings from igus are free from lubrication and maintenance. The xiros M180 is also detectable and resistant to media. (Source: igus GmbH)