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CONTACTS:

Jakob Elmore, Product Manager

Jakob.Elmore@jci.com

Product Manager

Direct +45 8736 7008

Mobile +45 2922 7008

An De Kolver

Communications Specialist Lead Buildings Solutions Europe

Johnson Controls

Work + 32 2 709 45 79

An.De.Kolver@jci.com

Johnson Controls introduces the SMC Mk 5 compressor, reflecting SABROE's dedication to continuous development of the reciprocating compressor portfolio.

Aarhus, Denmark – 15 January 2018 – Johnson Controls, a global leader in delivering solutions that increase energy efficiency, reliability and durability, has launched the SABROE® SMC Mk 5 reciprocating compressor. Numerous valuable updates have been implemented in the SMC compressor, including the option of a unit without oil separator, providing smaller footprint and a lower unit cost.

The main specifications of the SMC Mk 5 are:

- Extended service life over the entire operating range (+25%)
- Load-based service option, providing further extension of service life
- Configuration without oil separator, meaning a smaller footprint at a lower cost
- 20% capacity boost achieved by changing the shaft speed from 1500 rpm to 1800 rpm
- Optimised for variable speed with single-beam design, offering skip-free regulation over the entire speed range
- No demand for top cover cooling under the most common conditions.

The SABROE SMC Mk 5 sets new market standards for reciprocating compressors in terms of length of service intervals, efficiency and reliability. The improvements are not limited to the SMC compressors, but also apply to the rest of the portfolio, so all the renowned SABROE recips will reap the benefits of the Mk 5 upgrade.

Variable-speed advantages added

All SMC Mk 5 compressors can be fitted with variable-speed drive (VSD) as standard. VSD ensures exceptional performance with maximum energy efficiency, even under part load conditions and changing operating requirements. The skip-free speed regulation offers a huge capacity area from 100-28%, without any efficiency loss, and ensures that performance and operating costs are optimised at all times.

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat. We are committed to helping our customers win and creating greater value for all of our stakeholders through strategic focus on our buildings and energy growth platforms. For additional information, please visit <http://www.johnsoncontrols.com> or follow us @johnsoncontrols on Twitter.

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