

WARRINGTON, UK, NOVEMBER 13, 2020

Rib cooled induction motor is ready for duty and available from stock

ABB's rib cooled high voltage motor is available from stock for immediate delivery to the UK. The motor provides high power density for compact installations, packing more power per kilogram compared to conventional motors. This allows operators to often use a motor one frame size smaller than with conventional products, making optimal use of available space and suitable for retrofit applications. Stock frame sizes range from 315 to 450 with ratings of 200 to 1400 kW. Both direct-online (DOL) and variable speed drive (VSD) variants are available for use in hazardous and safe areas.

Rib cooling provides superior air flow for internal cooling, reducing the risk of overheating and unpredicted failures. The motor's rigid, weight-optimised frame is engineered to minimise vibration, and it is provided with an ABB Ability™ Smart Sensor as standard at no extra cost. The Smart Sensor is the next step in digitalising motor applications, turning mechanical equipment like motors, gearing, bearings and pumps into IoT-ready smart devices that can provide near real-time feedback on equipment performance, condition and efficiency.

The sensor fits directly to the motor's chassis and can be installed and configured within a matter of minutes. Once installed, it measures parameters such as temperature, acoustics, vibration, energy consumption and magnetic field straight from the surface of the motor, and transmits it via the cloud to a dashboard from which it can be analyzed, facilitating remote monitoring and predictive maintenance.

ABB (ABBN: SIX Swiss Ex) is a leading global technology company that energizes the transformation of society and industry to achieve a more productive, sustainable future. By connecting software to its electrification, robotics, automation and motion portfolio, ABB pushes the boundaries of technology to drive performance to new levels. With a history of excellence stretching back more than 130 years, ABB's success is driven by about 110,000 talented employees in over 100 countries. www.abb.com



Caption: ABB's rib cooled MV motor, represents the latest in high efficiency motor technology, and can be dispatched to anywhere in Europe within one or two weeks

—

For more information please contact:

Layla Hewitt

Phone : 01925 741517

Email : layla.hewitt@gb.abb.com

ABB Limited

Daresbury Park, Daresbury

Warrington WA4 4BT