

ABB launches world's first range of IE4 induction motors

Super premium efficiency (IE4) motors deliver the highest efficiency and reliability, enabling motor users to optimize the cost of ownership

Hannover, April 23, 2012 – ABB is launching the world's first range of low voltage IE4 (International Efficiency Class 4) motors. Based on ABB's robust and well-proven induction motor platform, the new motors are already available with short delivery times.

The IE4 motors cover 75 – 375 kW in frame sizes 280 – 355. They are available for 400 V 50 Hz and 440/460 V 60 Hz, in 2-, 4- and 6-pole versions, and they complement ABB's comprehensive range of low voltage motors for both safe and hazardous areas.

“These motors provide the ultimate in energy efficiency – the highest efficiency currently available in the market. The design is based on our proven Process performance induction motor platform and it meets IE4 requirements without using permanent magnet technology,” says Mr Jani Korkeakoski of ABB's IEC low voltage motor product management.

IE4 motors are ideal for continuous duty applications. Compared to a lower efficiency unit, an IE4 motor will produce significant savings in energy consumption and carbon dioxide emissions over its lifetime. Increased efficiency also means lower temperatures in the windings and bearings, which boosts the overall reliability of these motors.

ABB is committed to efforts to save energy and cut greenhouse gas emissions, and plays an active role in the organizations responsible for setting international efficiency standards.

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ABB will launch low voltage IE4 induction motors.

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