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ABB's new Dodge® Safety Mount spherical roller bearings cut installation time by up to 75 percent

Dodge® Safety Mount spherical roller bearings with patented built-in mounting system substantially cut installation time and improve safety and productivity.

ABB has launched Dodge® Safety Mount spherical roller bearings with a built-in patented locking mechanism that reduces installation time by up to 75 percent compared to traditional products. Best suited for bulk material and air handling applications, the new bearing mounts by tightening fasteners instead of using a hammer and other tools. The new system also allows for simple installation and removal from the same side of the bearing, which means only one person is needed for the task.

“The new mounting system replaces the blows of a hammer with the tightening of fasteners,” says Jim Madsen, Dodge Mounted Roller Bearing Product Manager, ABB. “It also makes it faster to install large bearings, but more importantly, it makes it safer for the installer.”

Safety Mount bearings feature a triple-lip contact seal and corrosion-resistant flinger sealing system which prevents contamination from entering the product during installation and operation. A labyrinth seal option is available for high-speed and high-temperature applications.

Dodge Safety Mount spherical roller bearings are suitable for use with the ABB Ability™ Smart Sensor for mounted bearings, an easy-to-use, wireless sensor that monitors the health of bearings.

Dodge Safety Mount bearings combine the advantages of the Dodge Imperial family of bearings: factory sealed and greased, shaft ready out of the box, with no feeler gauges required. They are offered in split cap and single piece housing options in standard SAF, metric SN, Type E, and Imperial housing dimensions in sizes 4-15/16" to 7" (115 mm to 170 mm).

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader with a comprehensive offering for digital industries. With a history of innovation spanning more than 130 years, ABB is today a leader in digital industries with four customer-focused, globally leading businesses: Electrification, Industrial Automation, Motion, and Robotics & Discrete Automation, supported by its common ABB Ability™ digital platform. ABB's market-leading Power Grids business will be divested to Hitachi in 2020. ABB operates in more than 100 countries with about 147,000 employees.

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Caption : Dodge® Safety Mount spherical roller bearings reduce installation time by up to 75 percent compared to traditional products