Dietz Electric Announces New Lineup of ABB Motors

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MILWAUKEE, WI - March 07, 2025 -
Dietz Electric Co., Inc. (Dietz Electric), a Milwaukee-based leader in electric motor solutions, is proud to offer an extensive lineup of NEMA motors designed to provide efficiency, durability, and high performance across a wide range of industries. With a strong commitment to delivering top-tier industrial motor solutions, Dietz Electric ensures customers have access to ABB?s cutting-edge technology, including general-purpose, severe-duty, and flameproof motors that meet rigorous industry standards.

NEMA motors, designed according to the National Electrical Manufacturers Association (NEMA) standards, are recognized for their reliability and adaptability in industrial applications. These motors are essential for businesses requiring high-quality, energy-efficient solutions for pumps, fans, conveyors, compressors, and more. ABB?s NEMA motors, available through Dietz Electric, offer premium efficiency and exceptional performance in even the harshest operating environments.

Among the standout options in Dietz Electric?s selection is the ABB GP100A, a new line of NEMA aluminum housing motors built for general-purpose use. These motors feature a lightweight yet structurally robust design, offering improved efficiency compared to traditional rolled-steel frame motors. With the ability to operate using direct-on-line (DOL) or variable speed drives, the GP100A motors are well-suited for industrial applications requiring versatility and long-term reliability.

For more demanding applications, the ABB SD100 cast-iron NEMA motor provides a rugged solution tailored to severe-duty environments. Industries such as chemical processing, mining, foundries, pulp and paper, and waste management rely on the SD100 for its exceptional durability and ability to perform in extreme conditions. Engineered for longevity, these motors come with application-specific modifications to ensure seamless integration into various industrial settings.

ABB further enhances its NEMA lineup with the SD100 IEEE841 motor, designed to exceed IEEE Standard 841 requirements. Built for applications requiring superior efficiency and extended service life, these motors

provide reliable operation in industries where performance and durability are critical. Additionally, the SD661 motor meets API661 standards, incorporating regreasable roller bearings and cast-iron end caps for heavy belt-driven air-cooled heat exchanger systems in petrochemical and energy sectors.

Beyond general and severe-duty motors, Dietz Electric also specializes in flameproof and hazardous location (HazLoc) motors, ensuring safety and compliance in environments where explosion risks are present. ABB?s low-voltage flameproof motors are IECEx/ATEX certified and designed to meet IEC 60034-30 standards, offering dependable solutions for hazardous applications. Similarly, high-voltage flameproof motors adhere to EN standards and the ATEX Directive 95/9/EC, making them ideal for industries requiring motors capable of withstanding internal explosions without flame propagation.

?Safety and performance are at the core of every motor we provide,? said Mark Henson, owner of Dietz Electric. ?Our selection of ABB motors, including high-performance NEMA and flameproof models, ensures that customers across multiple industries receive reliable, energy-efficient solutions that meet their exact specifications. Whether for general-purpose applications or hazardous locations, we take pride in delivering motors that help businesses operate with confidence.?

ABB Motors from Dietz Electric are built to exceed industry expectations, offering a combination of innovation, energy efficiency, and long-term cost savings. With a reputation for delivering high-quality industrial motor solutions, Dietz Electric remains committed to providing customers with access to ABB?s latest motor technology while ensuring expert guidance and support.

From manufacturing to petrochemical plants, Dietz Electric supplies motors that keep operations running smoothly and safely. ABB?s engineering excellence, combined with Dietz Electric?s industry expertise, results in a selection of motors that optimize performance, minimize downtime, and reduce energy costs. By offering a diverse range of NEMA and hazardous location motors, Dietz Electric continues to support industries that rely on high-performance electrical motor solutions.

With a focus on efficiency and durability, Dietz Electric provides ABB motors designed to meet the evolving demands of industrial applications. Whether customers need general-purpose motors, severe-duty solutions, or flameproof designs for hazardous environments, Dietz Electric delivers trusted products backed by decades of experience in the electrical motor distribution industry.

As industries continue to seek energy-efficient and durable motor solutions, Dietz Electric remains a key supplier of ABB?s latest innovations. Businesses looking for premium NEMA motors or specialized hazardous location motors can turn to Dietz Electric for products that meet the highest industry standards.

For companies seeking reliable and efficient motor solutions, Dietz Electric offers a comprehensive selection of ABB motors to suit various operational needs. By combining industry-leading technology with expert support, Dietz Electric continues to serve as a trusted partner for businesses requiring high-performance electric motors.

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