

Kollmorgen expands hazardous location portfolio with AKME servo motors

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With the most compact sizes, high power density, a wide range of mounting and encoder options, and ATEX and IECEx certifications, Kollmorgen's new AKME servo motors deliver exceptional performance and versatility in hazLoc applications.

RADFORD, VA., 02/05/26 — Kollmorgen corporation, a global leader in motion control and automation systems, today, introduced the AKME Series of hazardous location servo motors with ATEX and IECEx global certification for use in locations that require Zone 2 and Zone 22 ratings. Built on the proven performance, quality and reliability of the AKM servo motor platform, the AKME series allows machine builders to achieve new standards of compact, versatile performance in environments involving ignitable gases or dusts, where their choices have been limited until now.

To suit a wide range of application requirements, AKME servo motors are available in IEC frame sizes 2-7 to work with drives powered by 48, 75 Vdc, 120, 240 or 400 Vac, speeds up to 5,000 rpm. The series supports a wide range of feedback options, including resolver, SFD-M, ComCoder, EnDat, Hiperface and BiSS B options. The motors are also ideally matched with AKD, AKD2G and Kollmorgen Essentials™ (KED) servo drives to deliver optimum torque density, responsiveness and precision in a complete, feature-rich motion solution.

“We are delighted to extend our renowned line of AKM servo motors into a wide range of hazardous location applications,” said Chris Cooper, Global Director, Product Management. “We have always offered the highly regarded Goldline, PMDC EP and MX Stepper series explosion-proof motors, but now with the AKME series we are serving many more customers, applications and industries. With AKME servo motors, engineers have greater flexibility than ever before to fit a more cost-effective, HazLoc motor to their Zone 2 and Zone 22 machine applications rather than forcing a larger, overspecified Zone 0 or Zone 1 motor into their design.”

Certified for hazardous environments

The AKME series joins Kollmorgen’s existing portfolio of motors for hazardous environments with extensive global certifications. It has earned ATEX certification under the European Union safety standard for equipment used in potentially explosive environments, including gas Zone 2 and dust Zone 22 locations. It has also earned IECEx certification under the global standard that ensures the safety of equipment and personnel in explosive atmospheres, as established by the International Electrotechnical Commission (IEC).

These certifications make AKME servo motors a strong fit for applications found in pharmaceutical production, food processing, grain elevators, industrial paint booths, and other settings where ignitable gases or dusts may be encountered.

For additional product specifications, configuration options or application guidance, visit <https://www.kollmorgen.com/en-us/products/motors/servo/akme-hazardous-location-motor>.

Images:

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About Kollmorgen

Kollmorgen corporation, a Regal Rexnord brand, has more than 100 years of motion experience, proven in the industry's highest-performing, most reliable motors, drives, AGV control solutions and automation control platforms. We deliver breakthrough solutions that combine exceptional performance, reliability and ease of use, giving machine builders an irrefutable marketplace advantage.

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