

– For immediate release –



Bodine's New SCR Rated PMDC Gearmotors

Northfield, IL (October 2018) To provide greater flexibility and compatibility with unfiltered SCR controls, Bodine Electric Company now offers a new selection of 90V and 180VDC gearmotors with a rated maximum armature speed of 2500 rpm. These gearmotors are designed for “hybrid” applications that neither match the 90V, 1725 rpm industry standard for operation with unfiltered speed controls, nor Bodine’s typical voltage and rpm for filtered 130VDC speed control operation. These new stock models from Bodine can replace 90V or 180VDC gearmotors sold by Baldor, Bison Gear, Leeson, or Grainger.

The initial product launch includes **70 standard/stock models** with four of Bodine’s most popular gearhead designs.

Bodine SCR rated PMDC gearmotors provide high starting torque, adjustable speed and predictable speed/torque characteristics. All feature Class F TENV insulation. The Bodine **type 24A-Z** parallel shaft gearmotor features unvented gearhousing and all-steel gear trains that are permanently lubricated for maximum life and performance. It delivers up to 120 lb-in. rated torque. Speed ranges from 14-417 rpm, depending on the gear ratio.

The **type 33A-WX** parallel shaft gearmotor is constructed with all steel helical gears that meet or exceed AGMA 9 standards for maximum life and quiet operation. It delivers up to 205 lb-in. rated torque, with speeds from 8.0 to 658 rpm, depending on the gear ratio. The **type 42A-FX** is the largest of the three parallel shaft gearmotors. Like the type 33A-WX it features hardened steel gearing for quietness and high output. It delivers up to 350 lb-in. rated torque, and speeds from 8.3-500 rpm. The **type 33A-5L/H** hollow shaft gearmotor connects directly to the driven load and features versatile, universal mounting options. It delivers up to 89 lb-in. rated torque, with speeds from 33 to 500 rpm, depending on the gear ratio.

Availability

The SCR rated gearmotors and their corresponding controls and accessory kits are available through Bodine’s extensive distributor network or from the Bodine web site. Custom designs are available to qualified OEMs. Typical OEM modifications include factory installed encoders or brakes, custom wire harnesses, and application-specific mounting and shaft details.

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About Bodine:

Bodine Electric Company offers over 1,200 standard stock products, and thousands of custom designed fractional horsepower (FHP) gearmotors, motors and motion controls (fixed and variable speed AC, brushless DC, and permanent magnet DC). Bodine gearmotors and motors are designed for demanding industrial and commercial applications such as medical devices, scientific and laboratory equipment, labeling equipment, printing presses, packaging equipment, and factory automation. Bodine Electric is headquartered in Northfield, Illinois (20 miles north of Chicago) with manufacturing and assembly operations in Peosta, Iowa, U.S.A. Bodine’s quality management system is certified to **ISO 9001**. Web site: www.bodine-electric.com

Marketing Contacts

Sarah Prais, Sales and Marketing Communication Specialist | **Edmund Glueck**, Manager – Marketing and Product Development, Telephone: 773.478.3515 (USA). e-Mail: info@bodine-electric.com.

For high-res product images, click [here](#).

IMAGE: Clockwise from left: Bodine type 24A-Z, 33A-WX, 33A-5L/H, and 42A-FX SCR-rated gearmotors.

