

CONTACT:
Brenda Thiessen
Bison Gear & Engineering Corp.
bthiessen@bisongear.com
630-443-5797

Bison Gear Adds New 500 in-lb (56.5 N-m) Globally Compatible AC Parallel Shaft Gearmotors

Dual voltage, dual frequency single-phase permanent split capacitor 1/15 and 1/10 hp (49.2 and 74.5 W) input electric motors offer gearmotor versatility and Von Weise backward compatibility

St. Charles, IL - May 1, 2009 - [Bison Gear](#) has just added a new parallel shaft AC gearmotor, available in four standard models, to its expanding line of Von Weise Drop-In Replacement gearmotors. The new [VWDIR104 AC gearmotors](#) are available with either 1/10 or 1/15 horsepower (74.5 or 49.2 watts) 115/230V, 60/50 Hz permanent split capacitor electric motors. The compact, integral gear reducers feature hardened steel helical and spur gearing for efficiency and durability, with ratios ranging from 108:1 to 266:1. Corresponding fixed output speeds are from 15 to 6 RPM, with continuous torque ratings from 340 to 500 in-lbs (38.4 to 56.5 N-m). The gearmotors feature built-in face mounting which is compatible with Genesis mounts and overhung load (OHL) capability up to 400 lbs. (181.8 kg.).



"In response to customer needs, this is the twelfth new Von Weise Drop-In Replacement Gearmotor we have introduced in less than a year," said John Morehead, Bison Gear vice president, strategic planning and marketing. "We have also made this part of our new [In-Stock, Instant-Ship \(ISIS\)](#) program that offers same day order fulfillment on over 550 standard Bison products for our expanding distribution partner and customer base."

The new [VWDIR104 AC parallel shaft gearmotors](#) are designed for high torque, single phase commercial, industrial and agricultural applications such as in foodservice, office and medical equipment as well as a wide variety of conveying equipment.

U.L. and CSA recognition are standard and CE recognition can be provided for OEMs. Bison Gear's Innopreneurial(TM) application and design engineering capabilities to customize standard models to meet specific OEM needs

are readily available. All of the VWDIR gearmotors are manufactured in Bison Gear's suburban Chicago facility to Bison's high quality standards in order to ensure a short supply chain and reliable, long-life operation.

The [VWDIR104 AC gearmotors](#) join Bison Gear's comprehensive line of Von Weise Drop-In Replacement gearmotors. Bison's VWDIR line has expanded to 79 standard models of parallel shaft, right angle and offset parallel shaft designs utilizing AC, DC and universal motors from 1/30 to 1/2 horsepower (25 to 373 watts), with fixed output speeds from 1.5 to 181 RPM and continuous torque ratings up to 800 in-lbs (90.4 N-m).

About Bison Gear & Engineering Corp.

Founded in 1960, Bison Gear & Engineering Corp. designs and manufactures fractional horsepower electric motors, gearmotors and gear reducers used in industrial and commercial OEM applications worldwide. Bison's strong engineering tradition, based on Robusticity™ principles, offers products with up to twice as much torque in the same package size as competitors. Bison employs over 270 associates in its St. Charles, Illinois facility which produces gearmotors and reducers in parallel shaft and right angle configurations, as well as AC and DC motors, for applications where dependability and long lifetimes are important.

www.bisongear.com.

###