



GROSCHOPP UNIQUE INVERTER DUTY AC MOTORS

Sioux Center, IA – “Groschopp has taken a typical AC motor made by hundreds of motor manufacturers and perfected it” says Sales Manager, Ed Tuller. Groschopp’s AC motors are inverter duty classified. The inverter duty motor is small and compact, in order to reduce energy consumption. The smallest AC motor offered, the AC65, measures just 2.88 inches square and 5.22 inches in length. This motor series is designed to directly integrate with Groschopp’s standard reducer lines with minimal interface components optimizing both size and cost. Groschopp’s AC motor further reduces energy consumption with its ability to run at varying speeds.

The Groschopp AC motor is utilized best in a long-life, continuous duty, application. It has no common wear parts such as brushes and commutators, so it is highly reliable, featuring long life potential and low maintenance. Since the AC motor maintains speed over a wide range of torque it integrates well with commercial ovens, conveyers, insulation blowers, augers, medical beds, x-ray tubes and other conveyer and continuous motion machines. With customization options for speed control and high heat resistance along with the convenient customization from standard to food-grade grease permits the AC motor to synchronize well with commercial, industrial, and construction applications.

The standard features in a Groschopp AC motor include: rugged ball-bearing construction, high-efficiency stator and rotor tolerances and impregnated windings designed to withstand more than twice the nominal voltage.

The Groschopp AC motor has a superb heat dissipation system. Groschopp’s AC motors have innovative cooling channels in the motor housing to avoid dust and grime build-up that can cause overheating and motor damage. “This special cooling mechanism allows the motor to run at lower speeds without overheating which is vital to an inverter duty motor” comments Tullar “we want our motors to last forever.” To further withstand the heat these motors also have insulation that meets “H” class temperature ratings with the ability to withstand temperatures up to 180 degrees Celsius.

Groschopp offers a single phase, 115 and a 230 volt AC motor and a high power, 230 volt, three phase motor. Groschopp can also custom build a dual voltage AC motor. Having both single and three-phase design options provides multiple cost-effective choices depending on the supply voltage and control requirements. “One of the best features of The AC motor is it’s lack of noise” says Tullar. “This AC motor runs so quietly it will not add any additional noise to your workplace,” this is thanks in part to the motor’s ability to run on low current. (Groschopp motors are UL, CSA, CE and RoHS compliant).

Groschopp Inc. is an industry leader in the design and manufacture of highest quality, durability, and serviceability fractional horsepower electric motors, gearmotors and reducers. For further information, contact Groschopp, Inc. 420 15th Street NE, Sioux Center, IA 51250 Email sales@groschopp.com PH: 712.722.4135 or 800.829.4135 FAX: 712.722.1445 www.groschopp.com