



# EPAct Blue Chip<sup>®</sup> Motor

*Dedicated People, Quality Products, and above all, Service*

The Blue Chip motor offers an optimum design that features low-loss electrical grade laminations, 100% copper windings, a precision air gap, and non-hygroscopic class F insulation through 445T and class H on 449T frames. The 230/460 and 460 volt motors are dual name plated for 190/380 or 380 volt; 50 Hz performance at the next lower horsepower.

Blue Chip motors incorporate a 1.15 service factor, oversized ball bearings, and cast iron frames and end shields. Designed for extra demanding applications, the Blue Chip features the required premium construction and performance.

The Blue Chip offers an affordable price for high-quality motors designed for use in demanding applications.

## Features

- **Insulation System:** the non-hygroscopic class F and H insulation system achieves superior dielectric strength and long thermal life.
- **Bearing System:** anti-friction ball bearings provide minimum friction loss and longer operating life
- **Laminations:** low loss electrical grade steel, longer rotor and stator lengths allow for higher efficiencies and better operating performance.
- **Windings:** 100% copper and optimum winding design minimize losses resulting in higher efficiencies, increased motor life, and lower operating cost.
- **Air Gap:** a precision-machined air gap provides consistent electrical performance.
- Oversized conduit box
- Lifting and re-greasing provisions on 180 frame and up
- Dynamically balanced rotors to insure smooth operation
- Nameplate shows 60 Hz and 50 Hz. 50 Hz is at next lower horsepower, 190/380, or 380 volt.
- Cast iron frame and end shields
- Double shielded oversized ball bearings (2 pole 254T and larger are single shielded)
- NEMA design B with 1.15 service factor
- Available from ¾ through 450 HP in rigid base, C-face, or D-flange designs
- UL<sup>®</sup> recognized and CSA certified



### SCHOFIELD

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Schofield, WI 54476  
715.359.3155 or 800.283.8332

### DULUTH

4413 Venture Ave.  
Duluth, MN 55811  
218.729.3375 or 800.943.9549

### APPLETON

2820 N. Roemer Road  
Appleton, WI 54911  
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### MENOMINEE

1100 56th Avenue  
Menominee, MI 49858  
906.864.2500 or 800.864.2507

### STURTEVANT

10200 Durand Avenue  
Sturtevant, WI 53177  
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### MINNEAPOLIS

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### ROTHSCHILD

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