

# METRIC HIGH EFFICIENCY



Effective 08-01-06  
Supersedes 08-22-05

## TYPE AEHBUA



### APPLICATIONS:

- Fans & Blowers
- Pumps
- Compressors
- Any Application that Requires IEC Mounting Dimensions

### FEATURES:

- 1 - 100 HP (3/4 - 75 kW)
- 3600, 1800, 1200 RPM
- Totally Enclosed Fan Cooled (IP55 rating)
- Meets or Exceeds EPACT Efficiency Levels
- Department of Energy Efficiency Certification # CC002A
- 36 Month Warranty from Date of Manufacture
- 60 Hz - 230/460V
- 1.15 Service Factor – Continuous
- 50 Hz Data on Nameplate – 190/380V at 1.0 S.F.
- Class F Insulation with Phenolic Alkyd Resin Varnish
- Standard with Thermistors 1 / Phase 160 Frame and Larger
- Class B Temperature Rise
- Oversized Main Conduit Box Rotatable in 90 Degree Increments – F2 Mounted. F1 Available – See EXTRAS / OPTIONS Below
- Designed for 40°C Ambient Temperature - Note (1)
- Designed for 3300 ft. Elevation - Note (2)
- Bi-Directional Rotation
- Cast Iron Frame, End Bells, and Main Conduit Box
- Rolled Steel Fan Cover
- Standard with Metric Tapped Shaft
- 1045 Carbon Steel Shaft
- Aluminum Die Cast Squirrel Cage Rotor Construction
- Paint System: Phenolic Rust Proof Base Plus Polyurethane Top Coat
- Paint Color: Gray – Munsell N5
- Vacuum De-Gassed Regreasable Ball (or Roller) Bearings on Frames 180-250 Using Polyrex EM Grease
- Double Shielded Bearings, Pre-Packed with MULTEMP SRL Grease on Frames 80 - 180M (1800 and RPM)
- Cast Iron Inner and Outer Bearing Caps for Frames 180M (3600 RPM) to 250M
- V Ring Oil Seal on Both Ends
- Grounding Terminal Inside Main Box
- Stainless Steel Nameplate
- 9 Leads for 5.5 HP and Below. 12 Leads for 7.5 HP and Above.
- Motors are CSA Approved and CE Marked

### Notes:

- (1) Please consult factory for suitability in higher ambients.
- (2) Please consult factory for suitability in higher elevations.