



Commercial Construction  
and Industrial Automation

# Get Superior Performance Through Design Innovation!



## Toroidal Three-Phase Distribution Transformers

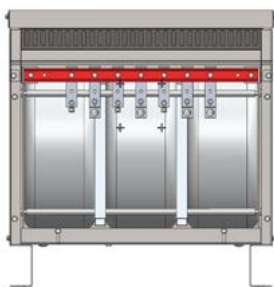
Performance that meets or exceeds the stringent DOE 2016 energy efficiency standards is easy with the first toroidal design on the market for this product category. Lower your operating costs and reduce your carbon footprint. This Acme Electric innovation provides additional benefits that can't be matched by other 480V dry-type distribution transformers:

### Silent

Performance you can't hear! Our toroid core is a single strip of grain-oriented electrical grade silicon steel. It's wound tight like a clock spring with the ends spot-welded in place. The aluminum wire is wound over polyester film to form a stable unit.

### Lower Operating Temps

Up to 10% lower temperature rise compared to conventional designs. Most of the losses in toroids are aluminum wire which cools off faster than conventional transformers with more iron.



**NEMA 3R Rated**  
Patent Pending

### Low Weight

Toroids weigh up to 10% less than conventional transformers. This results from higher efficiency. Low weight also simplifies design. It reduces the requirements for mounting hardware and supporting enclosure.

### Low Stray Magnetic Field

Toroids have no air gaps: primaries and secondaries are wound uniformly around the entire core. As a result, toroids emit very low radiated magnetic fields. Toroids are ideal for applications involving high-sensitivity circuitry.

Five available sizes: 15, 30, 45, 75 and 112.5 kVA

### Features:

- Primary Voltage: 480V
- Secondary Voltage: 208Y/120
- Taps: 2, 4@2.5%
- Additional voltage combinations available
- Insulation class: 220° C
- Temp rise: 150° C
- Ships with pre-installed removable weather shield
- Pre-installed primary and secondary terminal lugs
- NEMA 3R compliant
- cULus Listed
- 25yr Limited Warranty

kVA	CATALOG #	HEIGHT (Inches) (Cm.)	WIDTH (Inches) (Cm.)	DEPTH (Inches) (Cm.)	WEIGHT Lbs. (Kg.)	MOUNTING TYPE (Wall) (Floor)
<b>Toroids</b>						
15	E3015K0013B	25.50 (64.8)	24.39 (61.9)	19.37 (49.2)	188 (85.3)	F
30	E3030K0013B	25.50 (64.8)	24.39 (61.9)	19.37 (49.2)	271 (122.9)	F
45	E3045K0013B	25.50 (64.8)	24.39 (61.9)	19.37 (49.2)	356 (161.5)	F
75	E3075K0013B	29.41 (74.7)	28.15 (71.5)	22.37 (56.8)	493 (223.6)	F
112.5	E3112K0013B	35.47 (90.1)	31.90 (81.0)	26.88 (68.2)	703 (318.9)	F



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