

- NOTE:
1. TRANSFORMER IS FREESTANDING IN ENCLOSURE
  2. METAL GAUGE TO CSA-C22 No. 94-M91
  3. PAINT ASA # 61 GRAY
  4. BOLTED, KNOCK DOWN CONSTRUCTION
  5. OPEN BOTTOM
  6. COVERED OPENING FOR ACCESS TO LIFTING POINTS

TRANSFORMER:

KVA: 3000

PRIMARY VOLTAGE CLASS: 34.5 KV  
 34500 VOLTS DELTA\*  
 OR  
 27600 VOLTS DELTA\*

PRIMARY TAPS: 2x2.5% FCAN, 2x2.5% FCBN

SECONDARY VOLTAGE: 600V/347 VOLTS  
 OR  
 480V/277 VOLTS  
 OR  
 OTHER \_\_\_\_\_

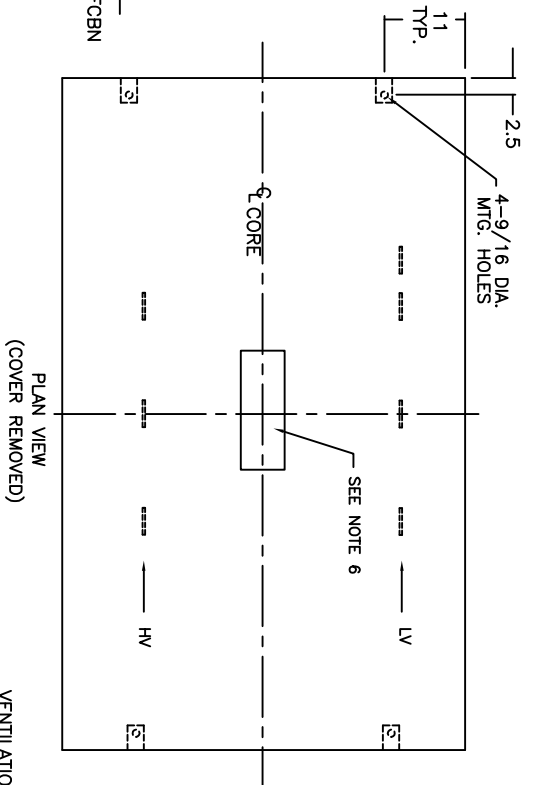
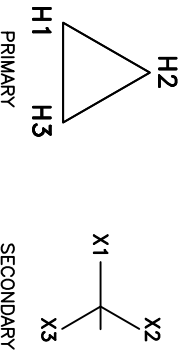
PRIMARY B.I.L.: 150 KV  
 SECONDARY B.I.L.: 10 KV  
 INSULATION CLASS: 220°C  
 TEMPERATURE RISE: 150°C  
 IMPEDANCE: STANDARD  
 SOUND LEVEL: STANDARD

WINDING MATERIAL:  COPPER  
 OR  
 ALUMINUM

TERMINAL MATERIAL:  COPPER  
 OR  
 ALUMINUM

STANDARD FEATURES: ANTI-VIBRATION PADS

VECTOR DIAGRAM

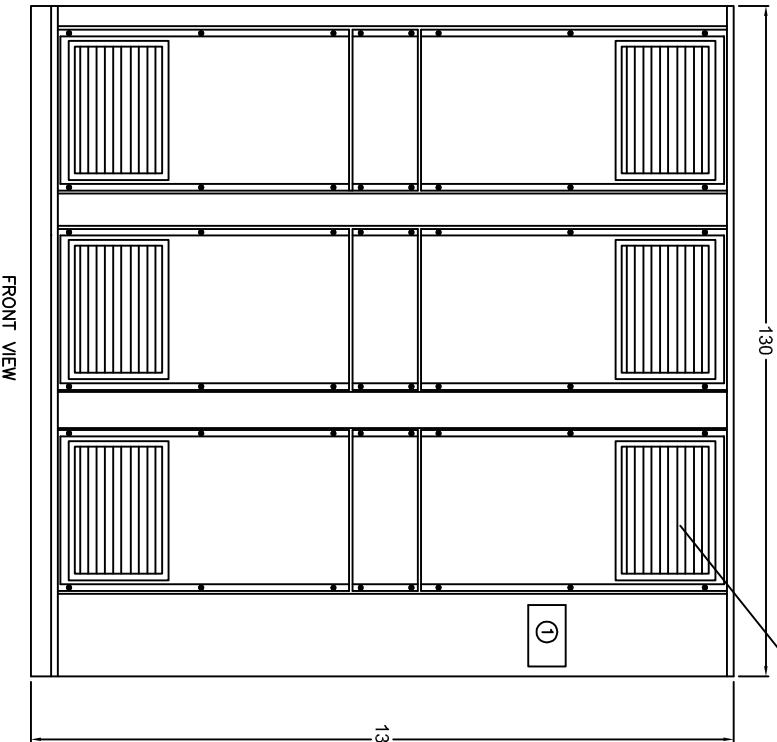


PLAN VIEW  
(COVER REMOVED)

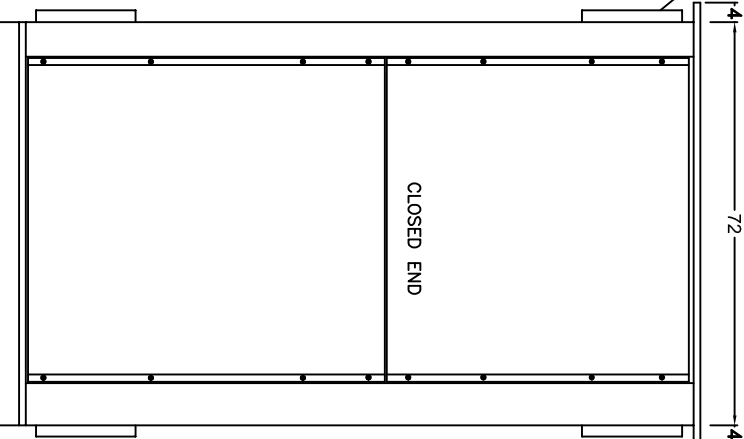
① NAME PLATE

CSA TYPE 3R (NEMA 3R)  
 INDOOR/OUTDOOR USE

APPROX. WEIGHT:  
 CORE & COIL: 22800 LBS  
 ENCLOSURE: 2500 LBS  
 TOTAL: 25300 LBS



FRONT VIEW



END VIEW

**Note:** Dimensions may change if units are co-ordinated with switchgear.

Dimensions are estimates. For firm dimensions contact factory.

\*For Y-Y connection consult factory for dimensions

REV.	REMARKS	BY	DATE

**REX POWER MAGNETICS**  
 DIVISION OF TRANSFORMER INDUSTRIES INC.

DESIGNER: N.T.S. DRAWN BY: SARKIS DATE: JUNE 8, 10  
 CHECKED BY: DAMI DATE: JUNE 8, 10  
 TITLE: 3000KVA 34.5KV CLASS ENCLOSURE OUTLINE  
 NEMA-3R

DRAWING No. 3000KVA-BILL50-3R