

## TRANSFORMER DATA SHEET

DATE : 08/03/2016  
 CUSTOMER : HVES  
 CIRCUIT/LOCATION : HVES 38  
 MANUFACTURER : Rex Mfg.  
 TRANSFORMER TYPE : Isolation/dry CLASS : ANN  
 S/N : D-06  
 THREE PHASE  SINGLE PHASE  : 60 HERTZ

VOLTAGE RATING: 460 Delta - 460Y/266  
 KVA RATING: 34 Continuous, Self Cooled  
 Continuous, Forced Air  
 LV WINDING: ALUMINUM  
 HV WINDING: COPPER  
 LV: 150°C rise, BIL: 10 kV  
 HV: 150°C rise, BIL: 10 kV

NAMEPLATE DATA

Core & Coils	<input type="text"/>
Case & Fittings	<input type="text"/>
Oil in Gallons	<input type="text"/>
Weight in Pounds	280

Impedance volts : 6.0 % at rated volts at : 34 KVA

**TRANSFORMER TEST DATA**MEGGER TEST RESULTS

1 Minute

High-> Ground	<input type="text"/>	M-Ohms, @	<input type="text"/>	kV DC
Low -> Ground	<input type="text"/>	M-Ohms, @	<input type="text"/>	kV DC
High-> Low	<input type="text"/>	M-Ohms, @	<input type="text"/>	kV DC

POLARIZATIONINDEX

<input type="text"/>
<input type="text"/>
<input type="text"/>

CAPACITANCE inMICRO-FARAD

<input type="text"/>
<input type="text"/>
<input type="text"/>

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
483 105.1%				
471 102.5%				
460 100%				
449 97.5%				
437 95%				

COMMENTS

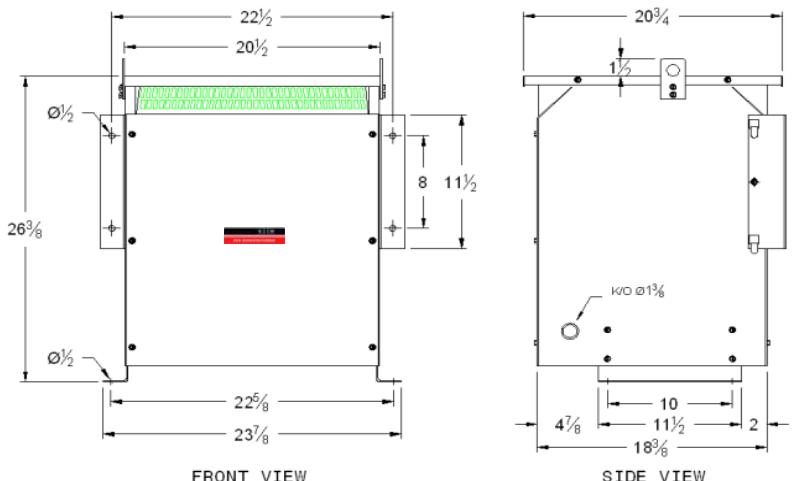
Tag 10960  
 Cat. No.: DA34H1P1  
 S/O No. : 60418155  
 Date of manufacture: n/a  
 Stored at 6 Seward St.



REX POWER MAGNETICS

A DIVISION OF TRANSFORMER INDUSTRIES INC.  
65 BASALTIC RD, CONCORD, ON, CA L4K 1G4  
TEL: 905-695-8844 • FAX: 905-695-8855  
WWW.REXPOWERMAGNETICS.COM

Coils:	Aluminum
Cat. No.:	DA34H1-P1
kVA:	34
Primary:	460 Delta Volts
Secondary:	460 Y/266 Volts
Primary Taps:	2.5 %
-Taps FCAN	2
-Taps FCBN	2
Frequency:	60 Hz
BIL:	10 kV
Insulation Class:	220° C
Temperature Rise:	150° C
Impedance:	5.0 - 6.0 %
Weight:	300 Lbs



## TRANSFORMER SPECIFICATION

- 3 Phase Drive Isolation
- Dry Type
- ANN Self Cooled
- Suitable for Nonsinusoidal Current Load with a K-Factor not to exceed 4

Purchaser: TBA  
PO#: TBA  
SWO#: TBA  
Qty: TBA

## Preliminary Drawing ONLY

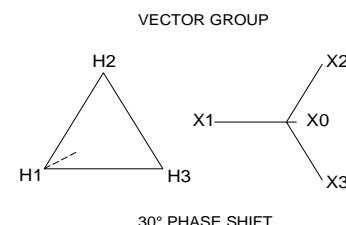
This drawing may NOT truly reflect our final design. Any resulting order(s) must be accompanied by or refer to this drawing and be marked with any proposed changes

### Standards:

1. CSA Certified
  - File No. LR34493
2. UL Listed
  - File No. E108255

### Standard Features:

1. Anti-vibration pads installed between the enclosure base and the core & coil assembly
2. Lug for Earth Grounding provided
3. Neutral rated 200% of the line terminals
4. NC 200°C thermostat installed at the centre coil



### CSA Enclosure:

1. Type 3R (NEMA 3R)
  - Sprinklerproof when the angle between sprinkler heads and opening in the enclosure does not exceed 45 degree from the vertical.
2. Ventilated
3. ASA 61 grey
4. Floor/Wall mounting

Rev.	Remarks	By	Appr. By	Date

Prepared by: AP  
Approved by: VS

SUITABLE FOR NONSINUSOIDAL CURRENT  
LOAD WITH A K FACTOR NOT EXCEED 4

N.C.THERMOSTAT AT RATED 200 DEGREE C.

240 VOLT AT 1.5 AMPS

120 VOLT AT 3.0 AMPS



LISTED  
POWER  
TRANSFORMER  
82U8

R3 EM

REX MANUFACTURING  
DIVISION OF TRANSFACTOR INDUSTRIES INC.



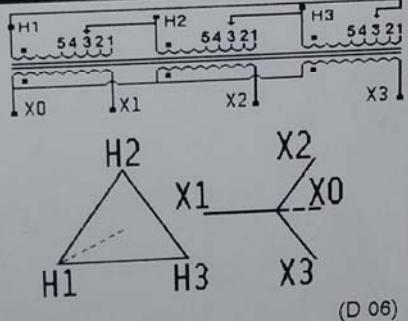
REXDALE, ONT.

LR34493

MADE IN CANADA  
  
FABRIQUE AU CANADA

CAT. NO.	DA34H1P1	KVA	34	ENCL.	TYPE-2
SERIAL NO.	D 06	Hz	60	TYPE	ANN
TRANSFORMER	3 PH. ISO.	% IMP.	6.0	AT	170 C.
INSULATION CLASS	220 C.	TEMPERATURE RISE	150 C.		
PRI. VOLTAGE	460 V	DELTA	H1-H2-H3	BIL.	10 KV.
SEC. VOLTAGE	460Y/266 V	X0-X1-X2-X3		WT.	280 LBS.

PRI. VOLTAGE	CONNECTION CONNEXION
105.1%	1-1-1
102.5%	2-2-2
100%	3-3-3
97.5%	4-4-4
95%	5-5-5



(D 06)

SPRINKLERPROOF WHEN THE ANGLE BETWEEN  
SPRINKLER HEADS AND OPENINGS IN THE  
ENCLOSURE DOES NOT EXCEED 45°  
FROM THE VERTICAL

A L'EPREUVE DES INFILTRATIONS D'EAU  
LORSQUE L'ANGLE ENTRE LES GICLEURS ET LES  
OUVERTURES DU BOITIER N'EST PAS SUPERIEUR  
A 45° PAR RAPPORT A LA VERTICALE

WEATHER RESISTANT NEMA 3R RATED  
WHEN OPTIONAL WEATHER SHIELD  
KIT 5H IS INSTALLED

CU-AL

R3 EM

REX MANUFACTURING  
ISOLATION TRANSFORMER

