

TRANSFORMER DATA SHEET

DATE : 6/21/2012
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES 10B
 MANUFACTURER : Pioneer Transformers
 TRANSFORMER TYPE : Oil Filled CLASS : OA
 S/N : G11493-1
 THREE PHASE SINGLE PHASE : 60 HERTZ

VOLTAGE RATING: 34500 Delta - 4160Y/2400Y LV WINDING: COPPER
 KVA RATING: 6250 Continuous, Self Cooled HV WINDING: COPPER
 Continuous, Forced Air LV: 65°C rise, BIL: kV
 HV: 65°C rise, BIL: kV

NAMEPLATE DATA

Core & Coils	10675
Case & Fittings	8725
Oil in Gallons	6375
Weight in Pounds	25775

Impedance volts : 5.87 % at rated volts at : 6250 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

POLARIZATION
INDEX

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

CAPACITANCE in
MICRO-FARAD

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

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
36225				
35363				
34500				
33638				
32775				

COMMENTS

Tag 11289
 Stored in PA

THREE PHASE TRANSFORMER

55°C RISE

65°C RISE

MVA 6.25 AT 0°C 5.00 AT 30°C

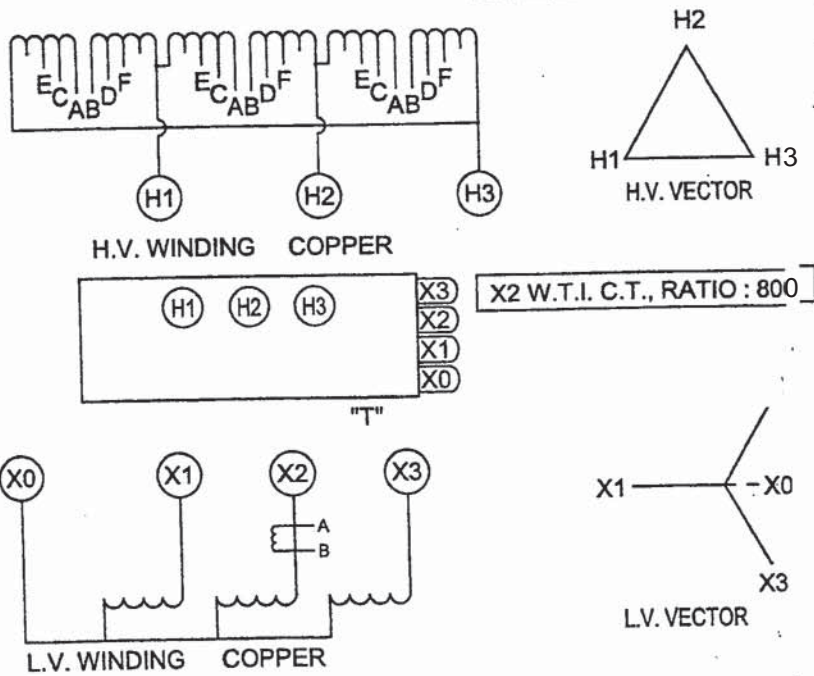
H.V. L.V. TEMP. RISE °C

TYPE FREQ. Hz IMPEDANCE % AT MVA COOLANT

SERIAL No. PURCHASER'S ORDER No.

TANK WILL WITHSTAND FULL VACUUM YES

CALCULATED WEIGHT :



CORES & COILS	10675	LBS.
TANK & FITTINGS	8725	LBS.
COOLANT <input type="text" value="890"/> US.GAL	6375	LBS.
TOTAL WEIGHT	25775	LBS.
MAX. OPERATING PRESSURE	+6.6 / -7.0	PSI
COOLANT LEVEL CHANGE PER 10°C	1/2"	inch
COOLANT LEVEL BELOW HIGHEST POINT	13 1/2"	inch

"T" - LOCATION OF TAP CHANGER

HIGH VOLTAGE			
TAP CHANGER POS. CONN.	AMP. AT	MVA	VOLTS
A	A-B	79.7	36225
B	B-C	81.6	35363
C	C-D	83.7	34500
D	D-E	85.8	33638
E	E-F	88.1	32775

LOW VOLTAGE: AMPS AT MVA

BUILT TO ANSI STD C57.12.10-1988

FULL WAVE IMPULSE LEVEL : H.V. kV L.V. kV

REF. NO.: G1303C2216

DATE



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ONBEI
TRANSFORMERS Ltd

G2112B1295

8 1/2"



01/01/2005