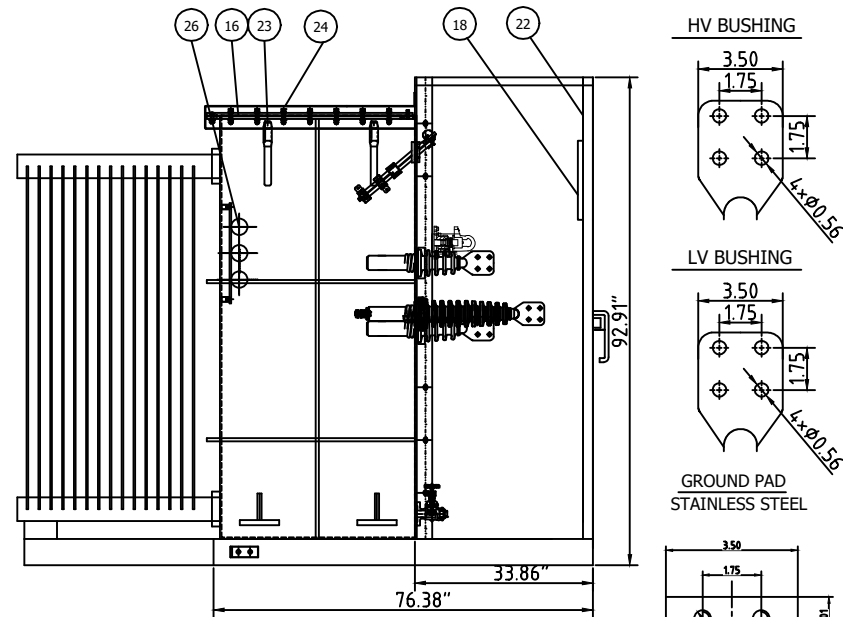
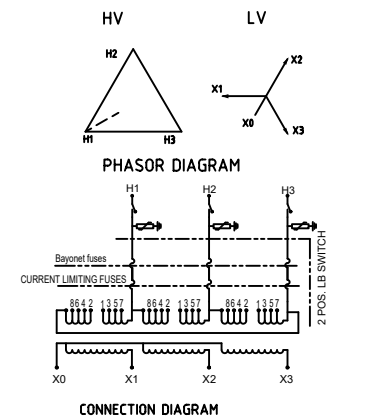
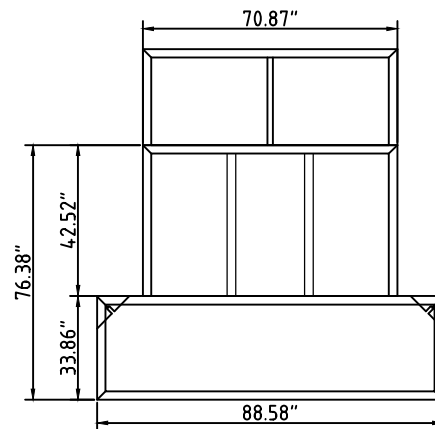




ITEM	WEIGHT
COILS AND CORES WEIGHT	8888 lbs
TOTAL OIL WEIGHT	7216 lbs
TOTAL WEIGHT	21120 lbs



26	CURRENT LIMITING FUSES	3
25	BAY-O-NET FUSES	3
24	FLIP TOP COVER	1
23	LIFTING LUG	4
22	HINGED DOOR	1
21	RADIATOR	3
20	1" DRAIN VALVE WITH 3/8 SAMPLER	1
19	GROUND STEEL PADS	4
18	NAMEPLATE	1
17	JACK	4
16	BOLTED REMOVABLE TANK LID	1
15	LV BUSHING , BIL 95KV	4
14	DOOR HANDLE	1
13	OIL TEMPERATURE GAUGE	1
12	OIL LEVEL GAUGE	1
11	VACUUM PRESSURE GAUGE	1
10	PRESSURE RELIEF VALVE	1
9	1" UPPER FILL PLUG	1
8	FILTER PRESS CONNECTION	1
7	LV 3 POSITION TAP CHANGER	1
6	RIGID BARRIER BETWEEN H.V.&L.V	1
5	HV 7 POSITION TAP CHANGER	1
4	TWO POSITION LOADBREAKER SWITCH	1
3	UNDER-OIL ARRESTER	1
2	ISO SWITCH	3
1	HV BUSHING,BIL 150KV	3
ITEM	DESCRIPTION	QTY
	OPTIONAL TRANSFORMER PARTS LIST	

TYPE				DWG. NAME			
ZGS-Z-3750/34.5/13.2							
DRAWN	CHECKED	CHECKED		APPROVED	FIRST ANGLE PROJECTION	SCALE	1
					PO43976		REV. NO.
							

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS
2. MATERIAL: STAINLESS STEEL
3. THICKNESS : 1mm
4. LETTER COLOR: BLACK

THREE PHASE PAD MOUNTED TRANSFORMER

VOLTAGE RATING		RATED FREQUENCY	60Hz	IEEE COMPLIANT	
HV	34500DELTA	COOLING METHOD	ONAN		
XV	13200grdy/7620V				
kVA RATING		% IMPEDANCE@85°C		TEMPERATURE RISE	
3750		AT 3750kVA		OIL	65°C
		PHASE	3	WINDING	65°C
INSULATION LEVEL(kV)			MATERIAL		
HV	BIL	150	CONDUCTOR	Aluminum	
XV & XVN	BIL	95	INSULATING OIL	Contains no detectable level of PCB (less than 2 PPM) at the time of manufacture	

STEP-UP OPERATION

VOLTS(V)	TAP	POSN	AMPS(A)	BETWEEN
36220	1		59.78	HV
35360	2		61.23	
34500	3		62.75	
33640	4		64.36	
33000	5		65.61	
32175	6		67.29	
31350	7		69.06	
13800/7967	1		156.9	LV
13200/7620	2		164.0	
12470/7200	3		173.6	

WEIGHT	
CORE AND COILS	lbs
TANK AND FITTINGS	lbs
LIQUID	lbs
TOTAL WEIGHT	lbs

PHASOR DIAGRAM

CONNECTION DIAGRAM

Maximum operating pressures of liquid preservation system 55 kPa (8 psi) positive and 21 kPa (-3 psi) negative.
Tank designed for full vacuum filling.
Liquid level below top surface of the highest point of the highest manhole flange at 25°C is 200 mm (7.9 in). Liquid level changes 5 mm (0.2 in) per 10°C change in liquid temperature.

APPLIED STANDARD. IEEE C57.12.34

DATE OF MFG:

S/N :

PHONE:

LISTED

E528870

Jiangsu Yawei Transformer Co., Ltd.

Made for Philips Brothers Electrical Contractors per ANSI C57 stds and UL

CHANGE		TYPE			DWG. NAME				
					Name Plate				
		FIRST ANGLE PROJECTION	SCALE	1 2	DRAWN	CHECKED	CHECKED		APPROVED
					REF. DWG. NO.				REV. NO.
			DWG. NO.	PO43976			0		