

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

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THREE PHASE PAD MOUNTED TRANSFORMER

VOLTAGE RATING		RATED FREQUENCY	60Hz	IEEE COMPLIANT		
HV	13200DELTA	COOLING METHOD	ONAN	DOE COMPLIANT		
XV	480grdy/277V					
kVA RATING		% IMPEDANCE@85°C		TEMPERATURE RISE		
1000		AT 1000KVA		OIL	65°C	
		PHASE	3	WINDING	65°C	

INSULATION LEVEL(kV)			MATERIAL		
HV BIL	95	CONDUCTOR	Aluminum		
XV BIL	30		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
14400	1	40.1	HV
13800	2	41.8	
13200	3	43.7	
12870	4	44.9	
12470	5	46.3	
12000	6	48.1	
11500	7	50.2	
480		1202.8	LV

The diagram illustrates the internal winding connections for a three-phase pad-mounted transformer. It shows two sets of windings: a high-voltage (HV) delta winding and a low-voltage (LV) star (Y) winding. The HV winding is represented by a triangle with terminals at the vertices. The LV winding is represented by a star with a central neutral point. Below the windings, the 'CONNECTION DIAGRAM' shows the external terminals: H1, H2, H3 for the HV side and X1, X2, X3 for the LV side. The LV side is grounded through a ground symbol.

WEIGHT	
CORE AND COILS	lbs
TANK AND FITTINGS	lbs
LIQUID	lbs
TOTAL WEIGHT	lbs
UNTANKING WEIGHT (HEAVIEST PIECE)	lbs

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:

The logo features a stylized 'Y' and 'W' inside a circle, with the text 'LISTED' and 'ES28870' below it.

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Jiangsu Yawei Transformer Co., Ltd.

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

CHANGE		TYPE			DWG. NAME					
		FIRST ANGLE PROJECTION	SCALE	1 2	DRAWN	CHECKED	CHECKED		APPROVED	
					REF. DWG. NO.					REV. NO.
					DWG. NO.	PO43982-2				0