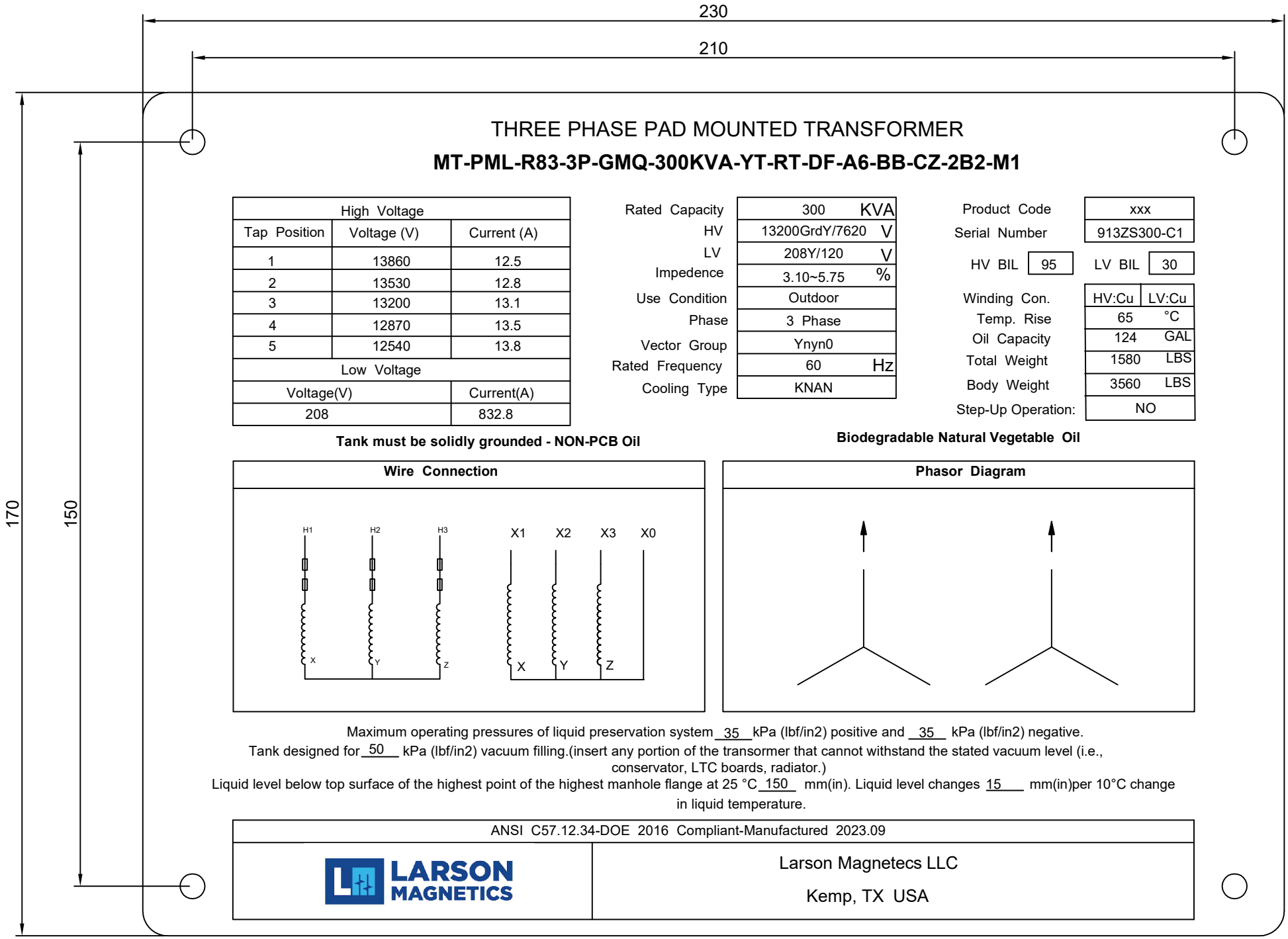


THREE PHASE PAD MOUNTED TRANSFORMER

MT-PML-R83-3P-GMQ-300KVA-YT-RT-DF-A6-BB-CZ-2B2-M1

High Voltage		
Tap Position	Voltage (V)	Current (A)
1	13860	12.5
2	13530	12.8
3	13200	13.1
4	12870	13.5
5	12540	13.8
Low Voltage		
Voltage(V)		Current(A)
208		832.8

Rated Capacity	300	KVA
HV	13200GrdY/7620	V
LV	208Y/120	V
Impedence	3.10~5.75	%
Use Condition	Outdoor	
Phase	3 Phase	
Vector Group	Ynyn0	
Rated Frequency	60	Hz
Cooling Type	KNAN	

Product Code	xxx		
Serial Number	913ZS300-C1		
HV BIL	95	LV BIL	30
Winding Con.	HV:Cu	LV:Cu	
Temp. Rise	65	°C	
Oil Capacity	124	GAL	
Total Weight	1580	LBS	
Body Weight	3560	LBS	
Step-Up Operation:	NO		

Tank must be solidly grounded - NON-PCB Oil

Biodegradable Natural Vegetable Oil

Wire Connection

Phasor Diagram

Maximum operating pressures of liquid preservation system 35 kPa (lbf/in2) positive and 35 kPa (lbf/in2) negative.
Tank designed for 50 kPa (lbf/in2) vacuum filling.(insert any portion of the transormer that cannot withstand the stated vacuum level (i.e., conservator, LTC boards, radiator.)
Liquid level below top surface of the highest point of the highest manhole flange at 25 °C 150 mm(in). Liquid level changes 15 mm(in)per 10°C change in liquid temperature.

ANSI C57.12.34-DOE 2016 Compliant-Manufactured 2023.09

LARSON MAGNETICS

Larson Magnetecs LLC

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