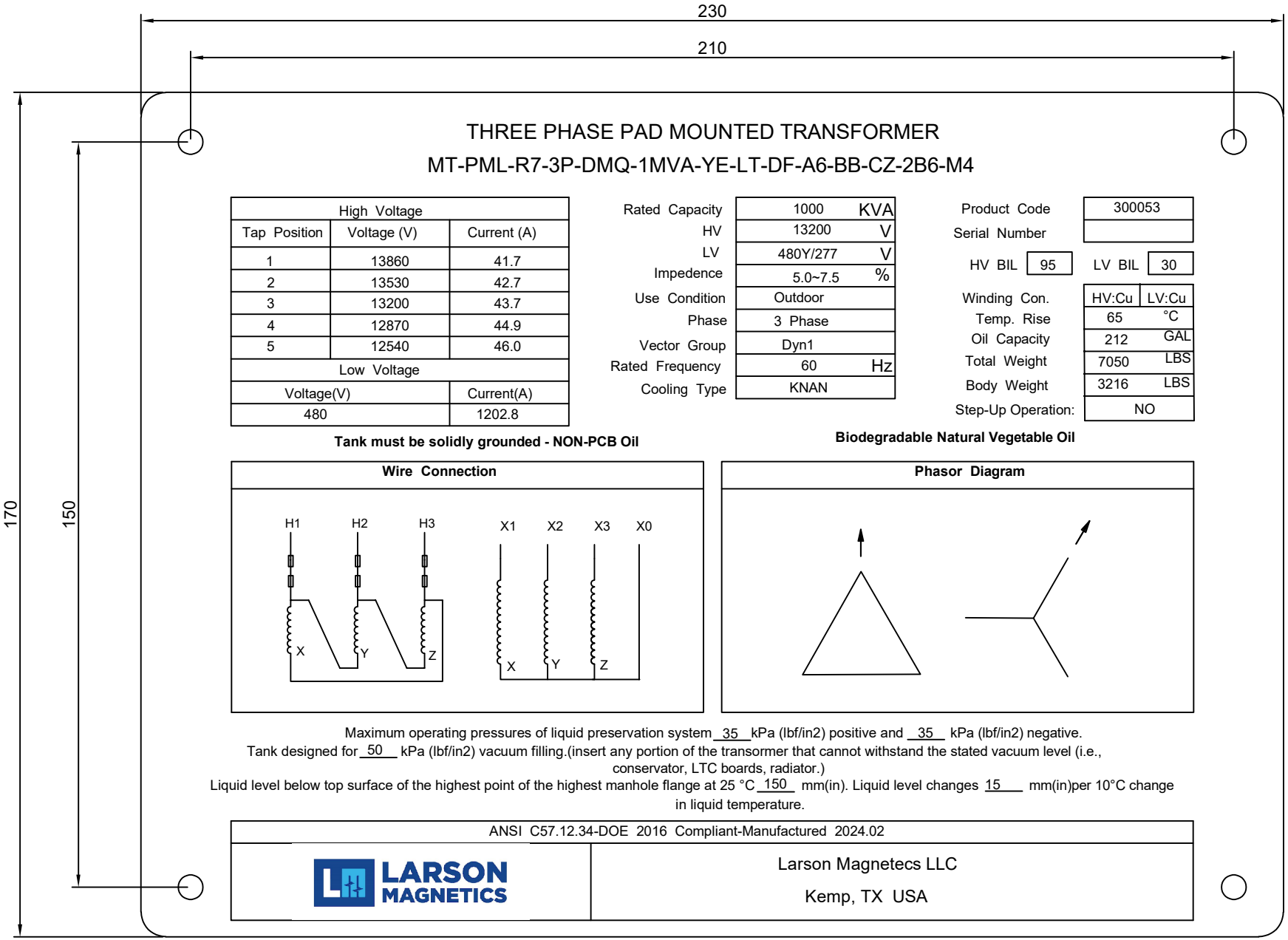

THREE PHASE PAD MOUNTED TRANSFORMER

MT-PML-R7-3P-DMQ-1MVA-YE-LT-DF-A6-BB-CZ-2B6-M4

High Voltage		
Tap Position	Voltage (V)	Current (A)
1	13860	41.7
2	13530	42.7
3	13200	43.7
4	12870	44.9
5	12540	46.0
Low Voltage		
Voltage(V)		Current(A)
480		1202.8

Rated Capacity	1000	KVA
HV	13200	V
LV	480Y/277	V
Impedence	5.0~7.5	%
Use Condition	Outdoor	
Phase	3 Phase	
Vector Group	Dyn1	
Rated Frequency	60	Hz
Cooling Type	KNAN	

Product Code	300053	
Serial Number		
HV BIL	95	LV BIL 30
Winding Con.	HV:Cu	LV:Cu
Temp. Rise	65	°C
Oil Capacity	212	GAL
Total Weight	7050	LBS
Body Weight	3216	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 2024.02

LARSON MAGNETICS

Larson Magnetecs LLC

Kemp, TX USA