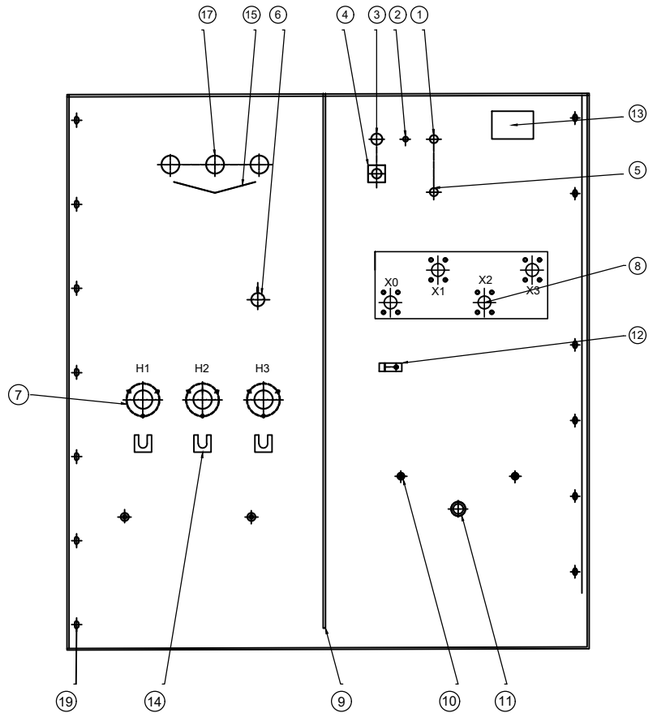
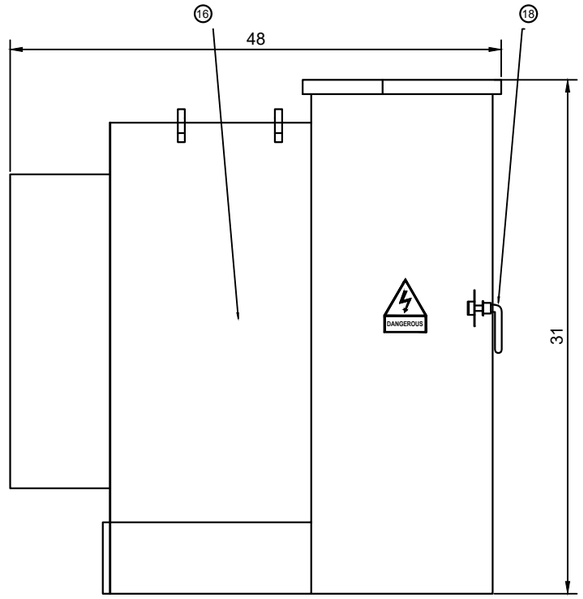
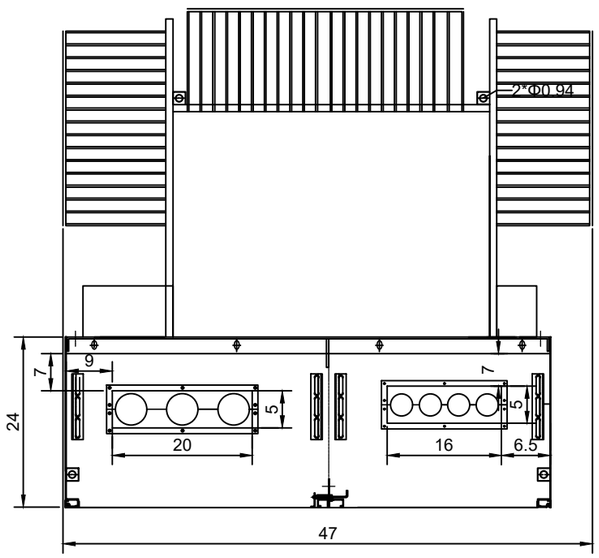
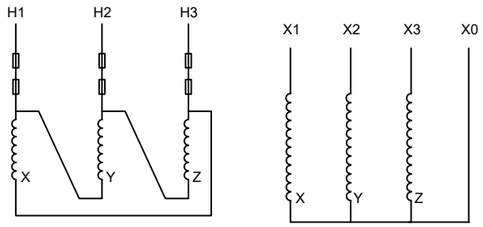




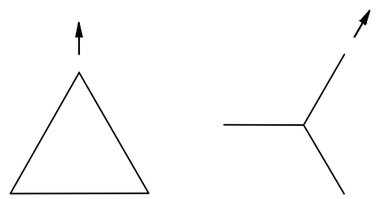
Total Weight: 6500lbs

Rated Capacity	Loss(w)		Dimensions(in)			Weight	
	No-load Loss (W)	On-Load Loss	W	D	H	Oil Capacity (gal)	Total Weight (lbs)
750kVA	1000	6500	47	48	31	270	6500





WIRING CONNECTION



PHASOR DIAGRAM

No.	Name	Model	Qty.	Material	Remark
19	SS hinges & pins				
18	padlock	penta-head bolt	1		
17	current limiting fuse		3		
16	insulation oil	Biodegradable oil			
15	drip shield		1		
14	parking stand		3		
13	nameplate		1		
12	grounding lug		1		
11	drain valve w/ sampler		1		
10	grounding lug	Ø25*20, M10	4		with copper bar
9	reinforcing rib	8mm steel	1		
8	LV bushing		4		6-hole spade
7	HV bushing	600A bushing	3	dead front	with (3) arrester
6	off-circuit tap changer		1		
5	temperature indicator		1		
4	oil indicator		1		
3	oil fill valve		1		
2	pressure relief valve		1		automatic action
1	pressure indicator		1		

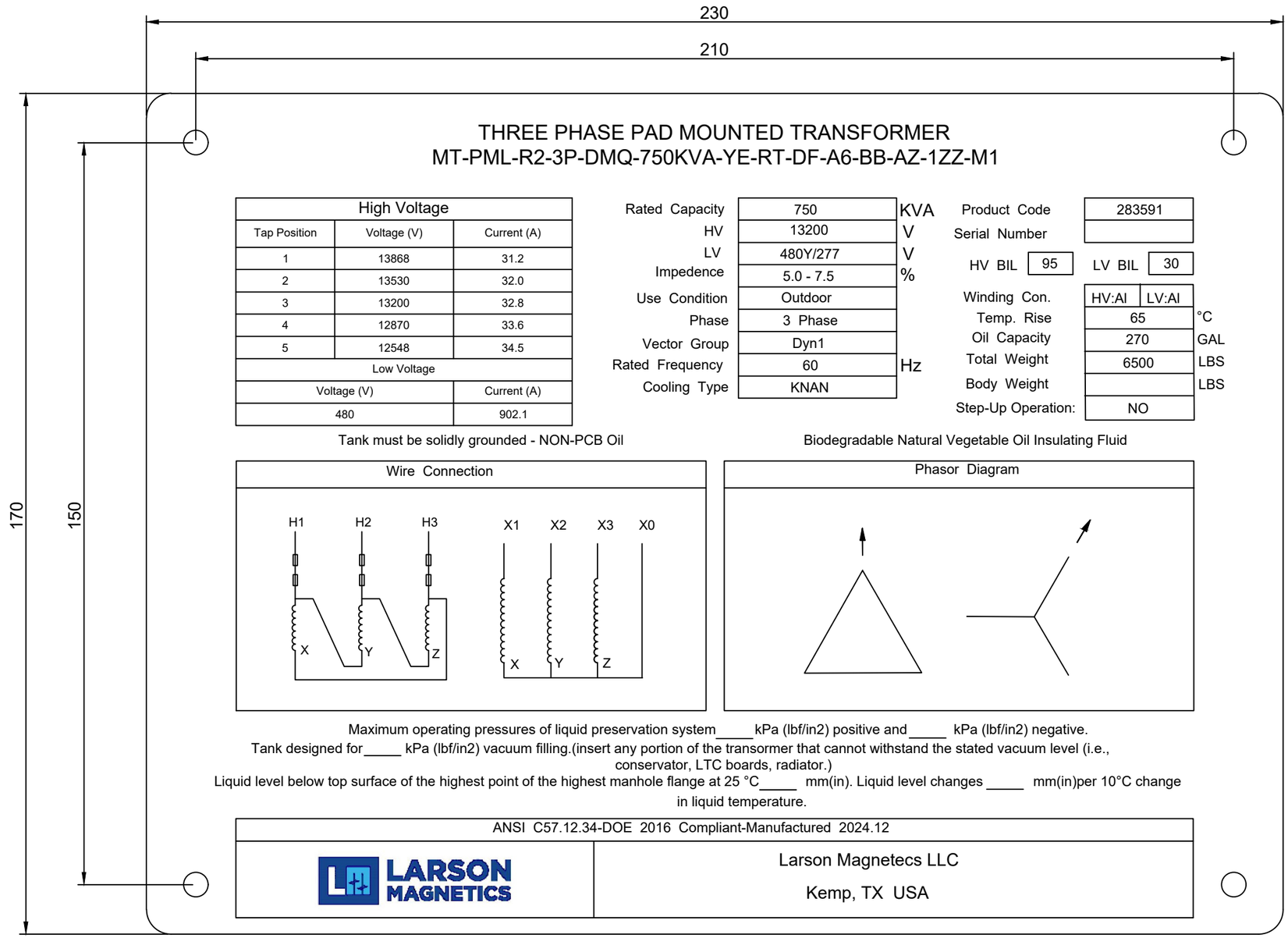
Remark: Dimensions here are in inches. Only for approval/preliminary design.

LARSON MAGNETICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE: MT-PML-R2-3P-DMQ-750KVA-YE-RT-DF-A6-BB-AZ-1ZZ-M1

DRAWN BY	DATE	REV
	02/13/2025	A
CHECKED BY	SHEET #	DRAWING #
	1 OF 2	101



THREE PHASE PAD MOUNTED TRANSFORMER
MT-PML-R2-3P-DMQ-750KVA-YE-RT-DF-A6-BB-AZ-1ZZ-M1

High Voltage		
Tap Position	Voltage (V)	Current (A)
1	13868	31.2
2	13530	32.0
3	13200	32.8
4	12870	33.6
5	12548	34.5
Low Voltage		
Voltage (V)		Current (A)
480		902.1

Rated Capacity	750	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	283591		
Serial Number			
HV BIL	95	LV BIL	30
Winding Con.	HV:Al	LV:Al	
Temp. Rise	65		°C
Oil Capacity	270		GAL
Total Weight	6500		LBS
Body Weight			LBS
Step-Up Operation:	NO		

Tank must be solidly grounded - NON-PCB Oil

Biodegradable Natural Vegetable Oil Insulating Fluid

Wire Connection

Phasor Diagram

Maximum operating pressures of liquid preservation system_____kPa (lbf/in2) positive and_____ kPa (lbf/in2) negative.
Tank designed for_____ 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_____ mm(in). Liquid level changes _____ mm(in)per 10°C change in liquid temperature.

ANSI C57.12.34-DOE 2016 Compliant-Manufactured 2024.12

LARSON MAGNETICS

Larson Magnetecs LLC

Kemp, TX USA

LARSON MAGNETICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE		
MT-PML-R2-3P-DMQ-750KVA-YE-RT-DF-A6-BB-AZ-1ZZ-M1		
DRAWN BY	DATE	REV
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CHECKED BY	SHEET #	DRAWING #
	2 OF 2	102