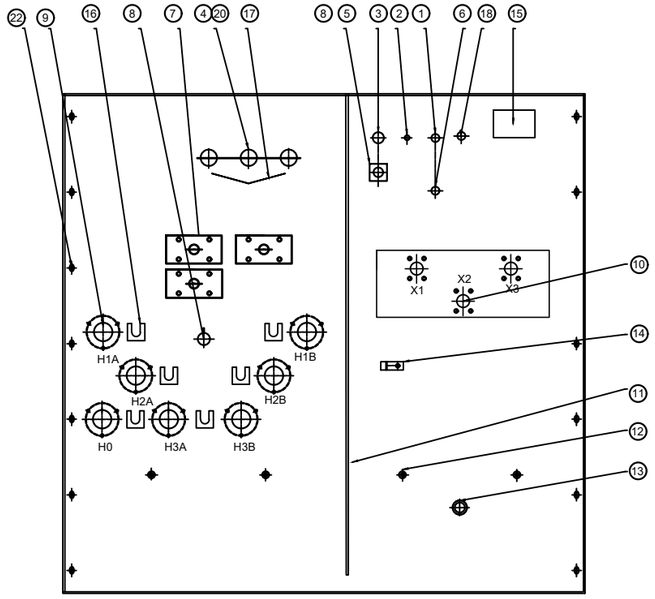
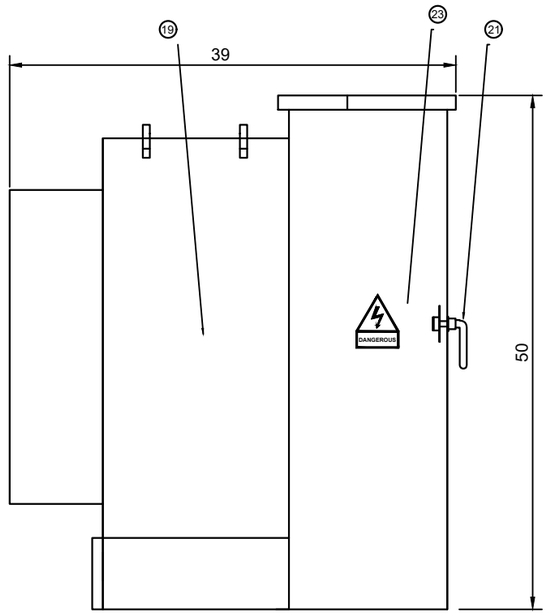
REV	DESCRIPTION	DATE
A	PRODUCT DESCRIPTION	06/23/2026

MT-PML-R7-3P-GMR-45KVA-DP-LT-DF-A6-BB-CZ-1B6-M1

LARSON ELECTRONICS®

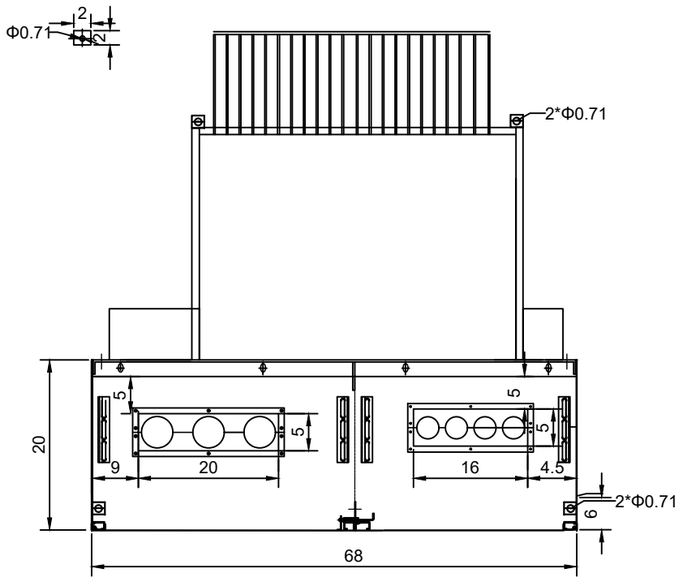


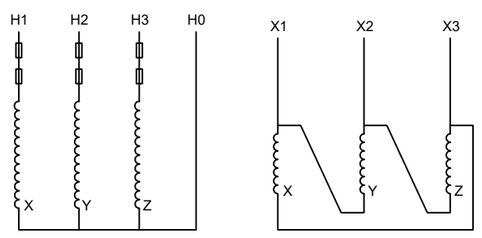


Approx. Weight: 1701LBS.

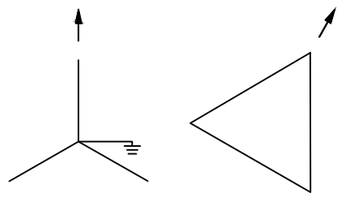
Rated Capacity	Loss(w)		Dimensions(in)			Weight(lbs)	
	No-load Loss (W)	On-Load Loss	W	D	H	Oil Weight	Total Weight
45kVA	114	570	68	39	50	539	1701

anchor size





WIRING CONNECTION



PHASOR DIAGRAM

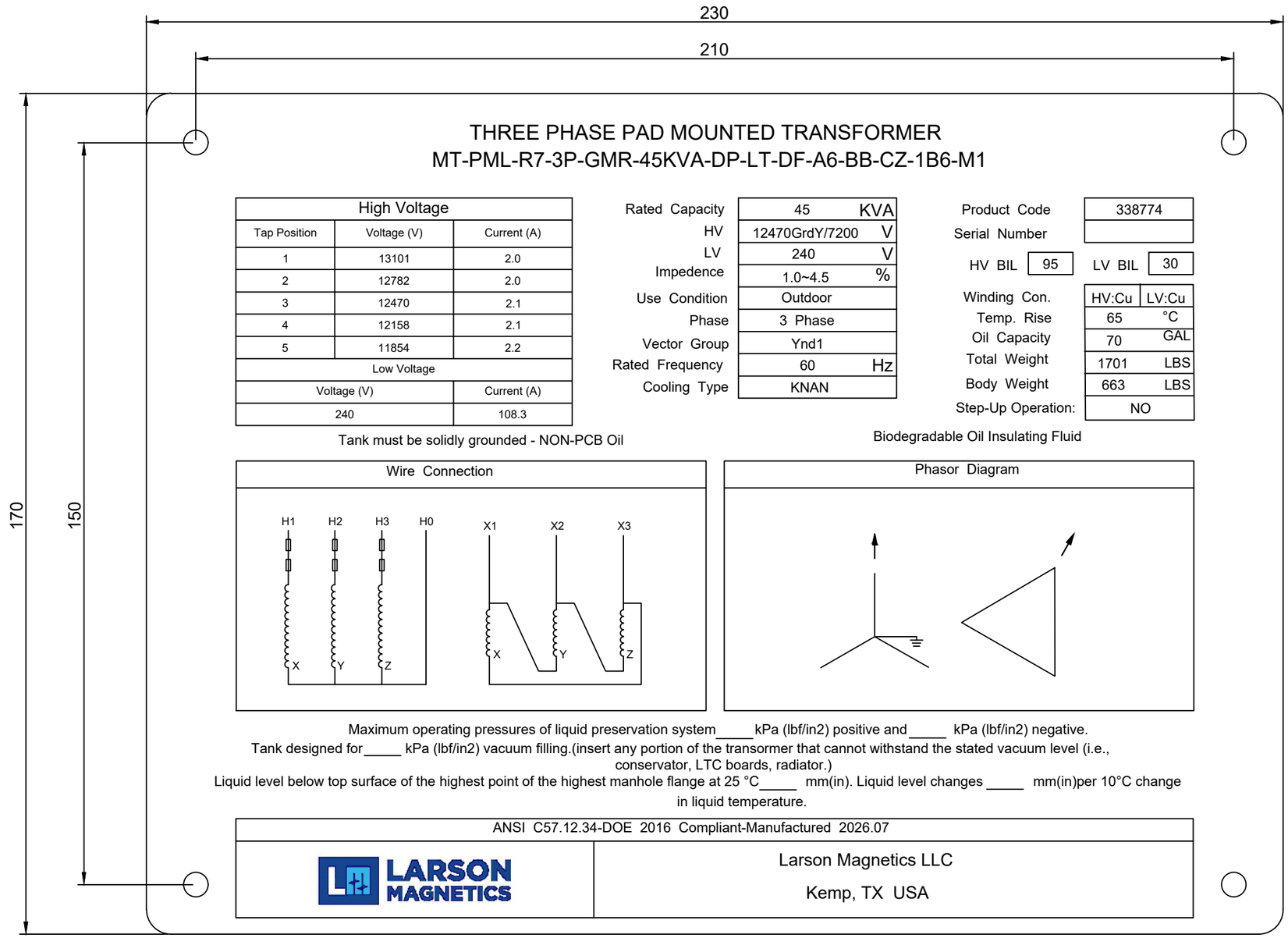
No.	Name	Model	Qty.	Material	Remark
23	tank & housing		1	Coated Steel	
22	lifting lug				
21	padlock	penta-head bolt	1		
20	current limiting fuse		2		with Bayonet Fuse
19	insulation oil	Biodegradable oil			
18	gas sampler valve		1		Schrader valve
17	drip shield		1		
16	parking stand		6		
15	nameplate		1		
14	grounding strap		1		
13	drain valve w/ sampler		1		
12	grounding lug	Ø25*20, M10	4		with copper bar
11	reinforcing rib	8mm steel	1		
10	LV bushing		4		6-hole spade
9	HV bushing	200A bushing	6	load break	
8	off-circuit tap changer		1		
7	load breaker switch		3		2-position
6	temperature indicator		1		
5	oil indicator		1		
4	Bayonet fuse		3		w/ flapper valve
3	oil fill valve		1		
2	pressure relief valve		1		automatic action
1	pressure indicator		1		

LARSON MAGNETICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE: MT-PML-R7-3P-GMR-45KVA-DP-LT-DF-A6-BB-CZ-1B6-M1

DRAWN BY	DATE	REV
		A
CHECKED BY	SHEET #	DRAWING #
	1 OF 2	101



THREE PHASE PAD MOUNTED TRANSFORMER
MT-PML-R7-3P-GMR-45KVA-DP-LT-DF-A6-BB-CZ-1B6-M1

High Voltage		
Tap Position	Voltage (V)	Current (A)
1	13101	2.0
2	12782	2.0
3	12470	2.1
4	12158	2.1
5	11854	2.2
Low Voltage		
Voltage (V)		Current (A)
240		108.3

Rated Capacity	45	KVA
HV	12470GrdY/7200	V
LV	240	V
Impedence	1.0~4.5	%
Use Condition	Outdoor	
Phase	3 Phase	
Vector Group	Ynd1	
Rated Frequency	60	Hz
Cooling Type	KNAN	

Product Code	338774		
Serial Number			
HV BIL	95	LV BIL	30
Winding Con.	HV:Cu	LV:Cu	
Temp. Rise	65	°C	
Oil Capacity	70	GAL	
Total Weight	1701	LBS	
Body Weight	663	LBS	
Step-Up Operation:	NO		

Tank must be solidly grounded - NON-PCB Oil

Biodegradable 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 2026.07

LARSON MAGNETICS

Larson Magnetics LLC

Kemp, TX USA

LARSON MAGNETICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE			
MT-PML-R7-3P-GMR-45KVA-DP-LT-DF-A6-BB-CZ-1B6-M1			
DRAWN BY		DATE	REV
			A
CHECKED BY		SHEET #	DRAWING #
		2 OF 2	102