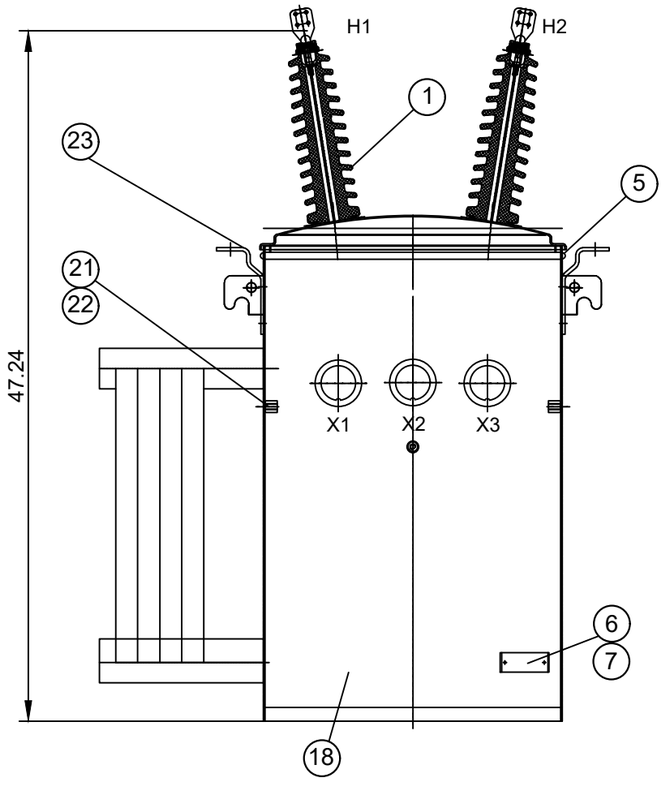
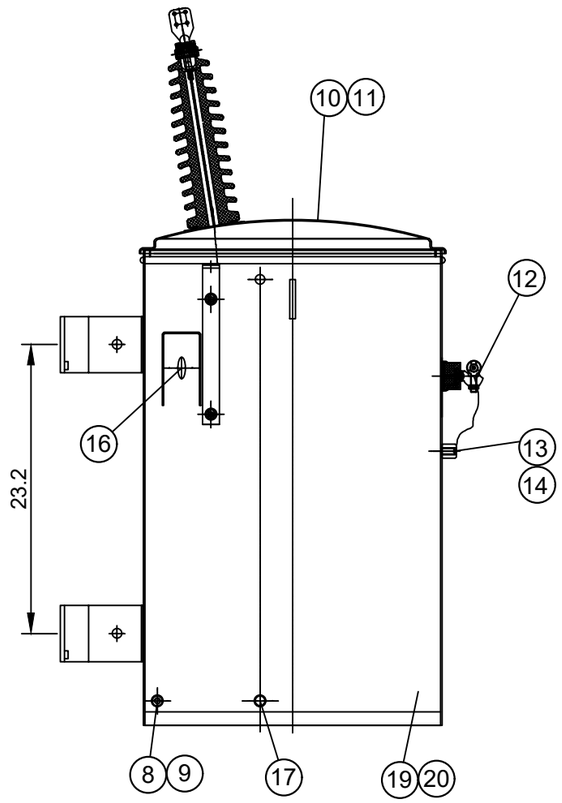
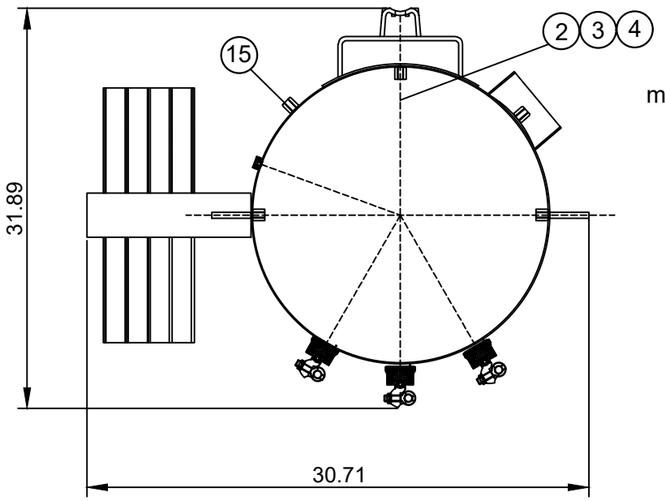
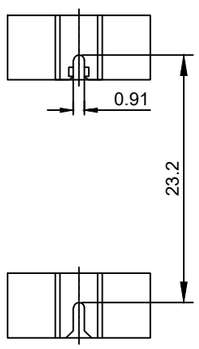


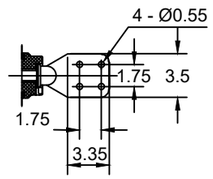




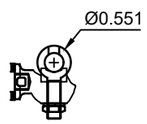
mounting position



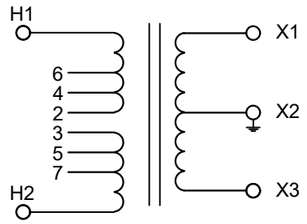
HV terminal



LV terminal



WIRING DIAGRAM



Approx. weight LBS

Untanked	Oil	Total
485	207	968

No.	Code	Name	QTY	Material	Unit Weight	Total Weight	Remark
23		arrester bracket	2				
22		Washer 12	4				black coated
21		Bolt M12x35	2				black coated
20		Tank Assembly	1				
19		Insulation Oil	1				
18		Tank	1				
17		Oil Drain Valve	1				
16		Tap changer	1				
15		Pressure Relief Valve	1				
14		Washer 12	5				galvanized
13		Bolt M12x25	1				galvanized
12		LV Bushing	3				
11		Sealing Gasket	1				
10		Cover	1				
9		Washer 12	2				galvanized
8		Bolt M12x30	1				galvanized
7		Screw M4x6	2				
6		Nameplate	1				
5		Hold Down Gear	1				
4		Ground Strap	1	0.3 copper belt			inner tank
3		Washer 12	2				black coated
2		Bolt M12x20	2				black coated
1		HV Bushing	2				4-hole

LARSON MAGNETICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE: MT-UPM-R7-1P-GMA-100KVA-SLZ-BB-A6-BM-AZ-1ZZ-M2

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

90

100

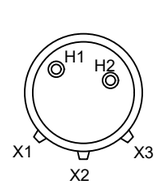
SINGLE PHASE POLE MOUNTED TRANSFORMER
MT-UPM-R7-1P-GMA-100KVA-SLZ-BB-A6-BM-AZ-1ZZ-M2

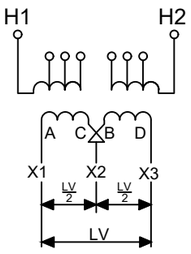
Phase:	1PH	100 KVA	Serial NO.		
Impedence		1.0~4.5 %	Product ID	331482	
BIL		200/30 kV	Vol of Oil	22.98	Gal
HV		34500GrdY/19920 V	Total Mass	968	LBS
LV		120/240 V	HV/LV Con.	Aluminum	
Freq.		60 Hz	Cooling	ONAN	
Phasor		Ii0	Temp.Rise:	65°C	

Tank must be solidly grounded-NON-PCB Mineral Oil
Subtractive Polarity

HV	Taps	Amps
20928	1/A	4.8
20418	2/B	4.9
19920	3/C	5.0
19422	4/D	5.1
18936	5/E	5.3

LV	Amps
240	416.7
120	833.3





ANSI C57.12.20-DOE 2016 Compliant-Manufactured 2026.03

LARSON MAGNETICS

Larson Magnetics LLC
Kemp, TX USA

LARSON MAGNETICS
9419 E US HWY 175,
KEMP, TX 75143

TITLE		
MT-UPM-R7-1P-GMA-100KVA-SLZ-BB-A6-BM-AZ-1ZZ-M2		
DRAWN BY	DATE	REV
		A
CHECKED BY	SHEET #	DRAWING #
	2 OF 2	102