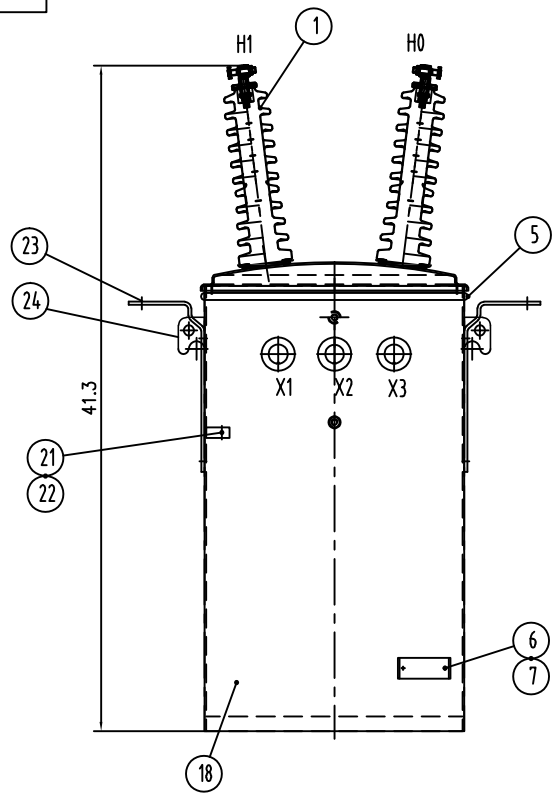
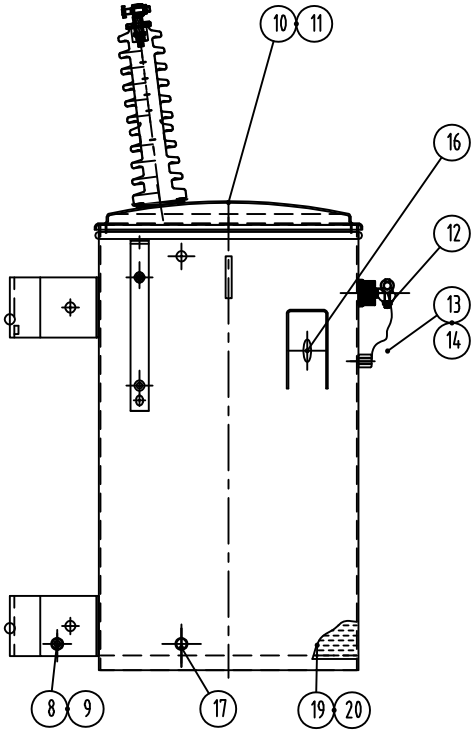
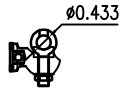




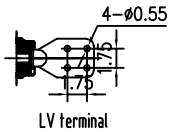
Approx. weight (Lbs)

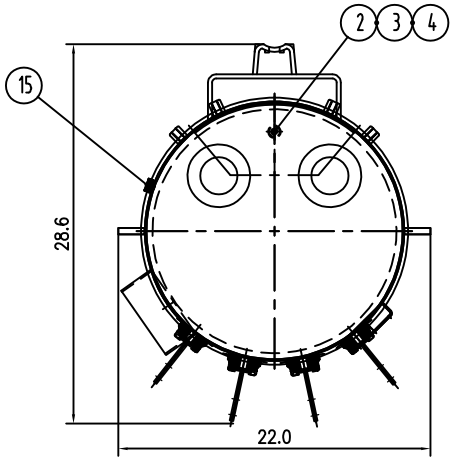
Untank	Oil	Total
132	187	440

HV terminal

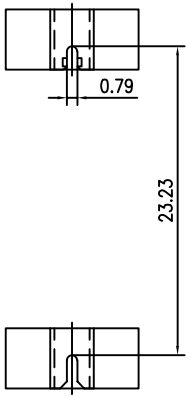


LV terminal

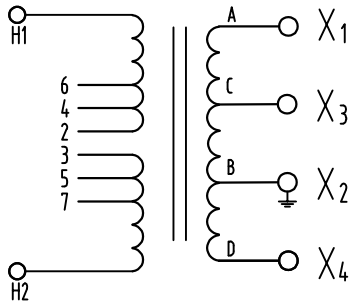




hanger bracket



wiring diagram



No.	Code	Name	QTY	Material	Unit Weight	Total Weight	Remark
25		painting	1	ANSI#70 grey			
24		lifting lug	2				
23		mounting provision	2				for arrester
22		washer 12	4				black coated
21		bolt M12×35	2				black coated
20		core&coil assembly	1	Cu coil			
19		insulation oil	1	mineral oil			
18		tank	1				
17		drain valve	1				
16		tap changer	1	±2×2.5%			
15		pressure relief valve	1				
14		washer 12	1				galvanized
13		bolt M12×25	1				galvanized
12	ANSI-1/315	LV bushing	4				4-HOLE spade
11		sealing gasket	1				
10		tank cover	1				
9		washer 12	4				
8		grounding terminal	1				
7		screw M4X6	2				
6		Nameplate	1				
5		hold down gear	1				
4		grounding strap	2	0.3 copper belt			
3		washer 12	2				black coated
2		bolt M12×20	2				black coated
1	ANSI-27/50	HV bushing	2				

mark	revise	revision	signature	date
designed		standard		
checked		examined		
audited		approved		
crafted		date		

Pole Mounted TR

24940GrdY/14400V,
120/240V, li0, 5KVA

pattern mark	mass	scale
page		page

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scanned

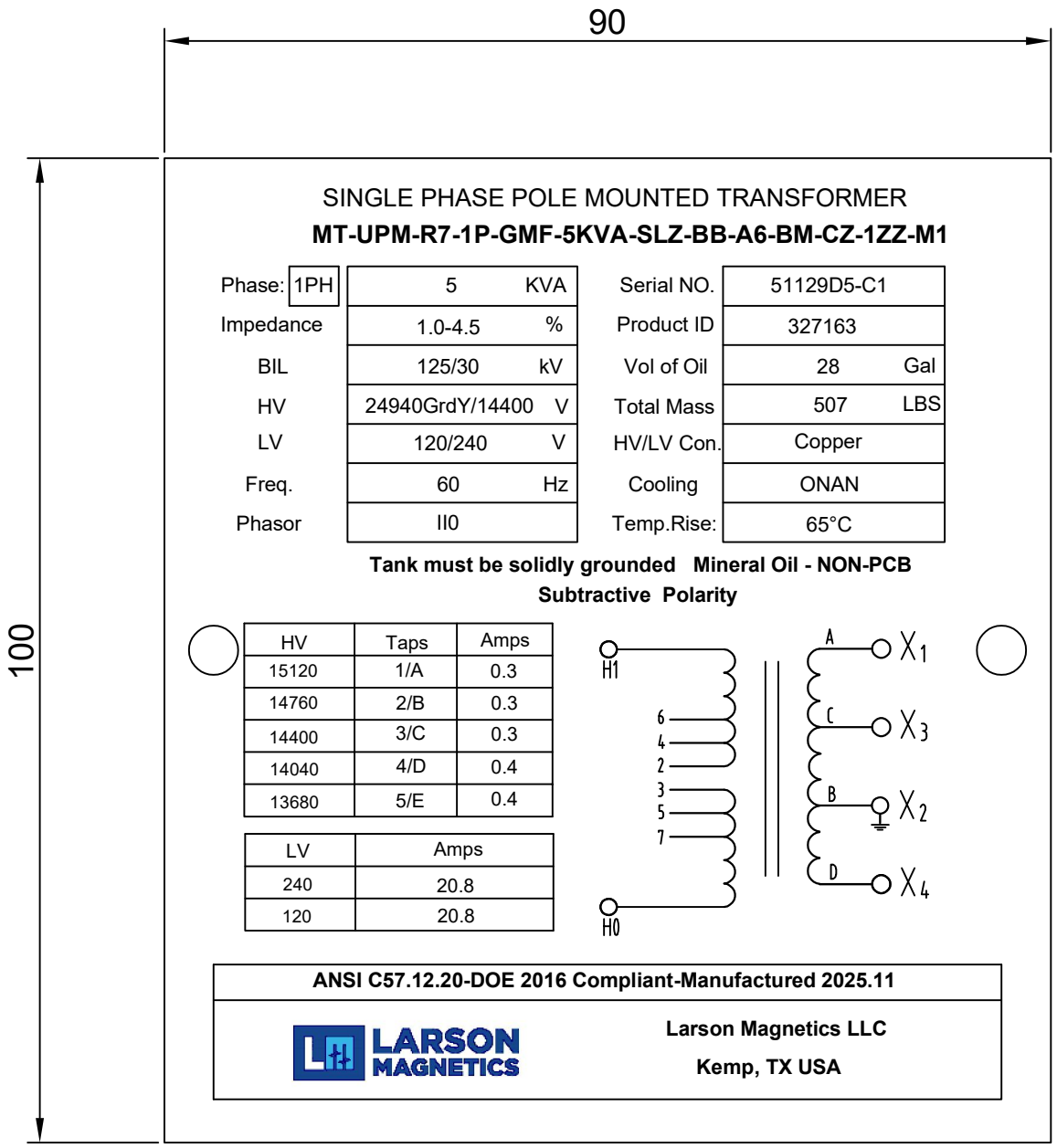
checked

0

signature

date

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



SINGLE PHASE POLE MOUNTED TRANSFORMER

MT-UPM-R7-1P-GMF-5KVA-SLZ-BB-A6-BM-CZ-1ZZ-M1

Phase:	1PH	5 KVA	Serial NO.	51129D5-C1	
Impedance		1.0-4.5 %	Product ID	327163	
BIL		125/30 kV	Vol of Oil	28	Gal
HV		24940GrdY/14400 V	Total Mass	507	LBS
LV		120/240 V	HV/LV Con.	Copper	
Freq.		60 Hz	Cooling	ONAN	
Phasor		II0	Temp.Rise:	65°C	

Tank must be solidly grounded Mineral Oil - NON-PCB

Subtractive Polarity

HV	Taps	Amps
15120	1/A	0.3
14760	2/B	0.3
14400	3/C	0.3
14040	4/D	0.4
13680	5/E	0.4

LV	Amps
240	20.8
120	20.8

ANSI C57.12.20-DOE 2016 Compliant-Manufactured 2025.11

LARSON MAGNETICS

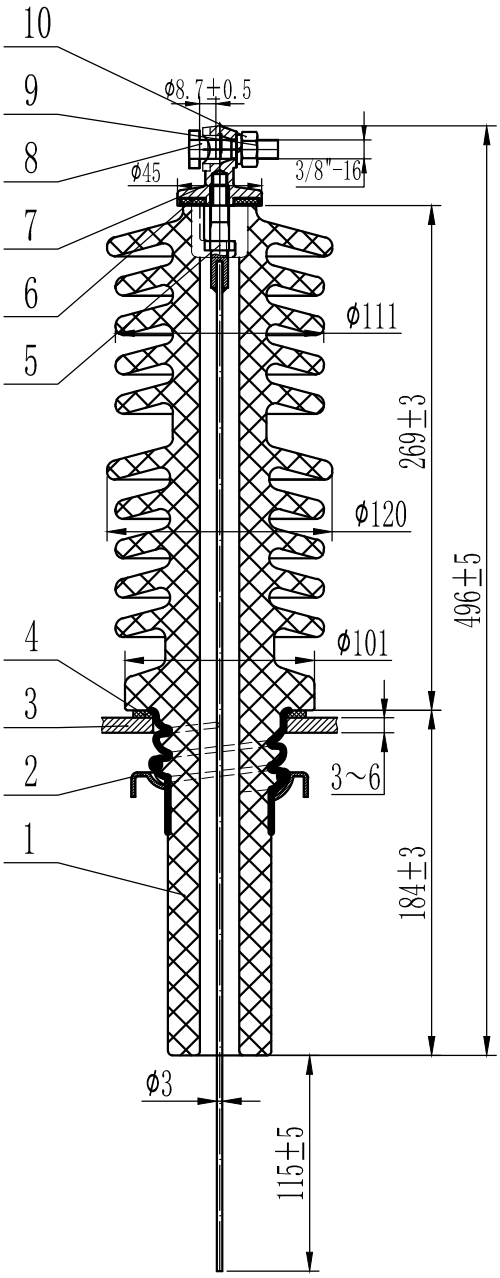
Larson Magnetics LLC

Kemp, TX USA

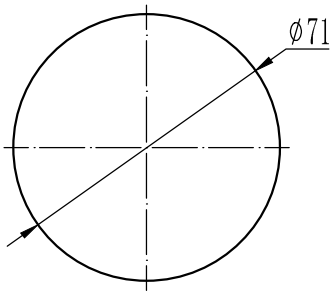
No.	Code(Model)	Name	QTY	Material
1		ANSI-25/55 porcelain bushing	1	HV porcelain
2		ANSI large turn buckle	1	Carbon steel
3		tank cover		
4	Φ92×Φ68×4	Rectangular seal ring	1	Acrylic ester
5		Φ3×580 conducting rod	1	Copper
6	Φ41×Φ15×3	Rectangular seal ring	1	Acrylic ester
7		ANSI fasten terminal	1	Brass
8		fasten rod	1	Brass
9		3/8 hexagon nut	1	SS
10		Spring washer	1	SS

Technical specification

power frequency withstand voltage	60kV/1min	lightning impulse	150kV
creepage distance	≥775mm	cantilever tolerance	1000N



tank cover hole dimension

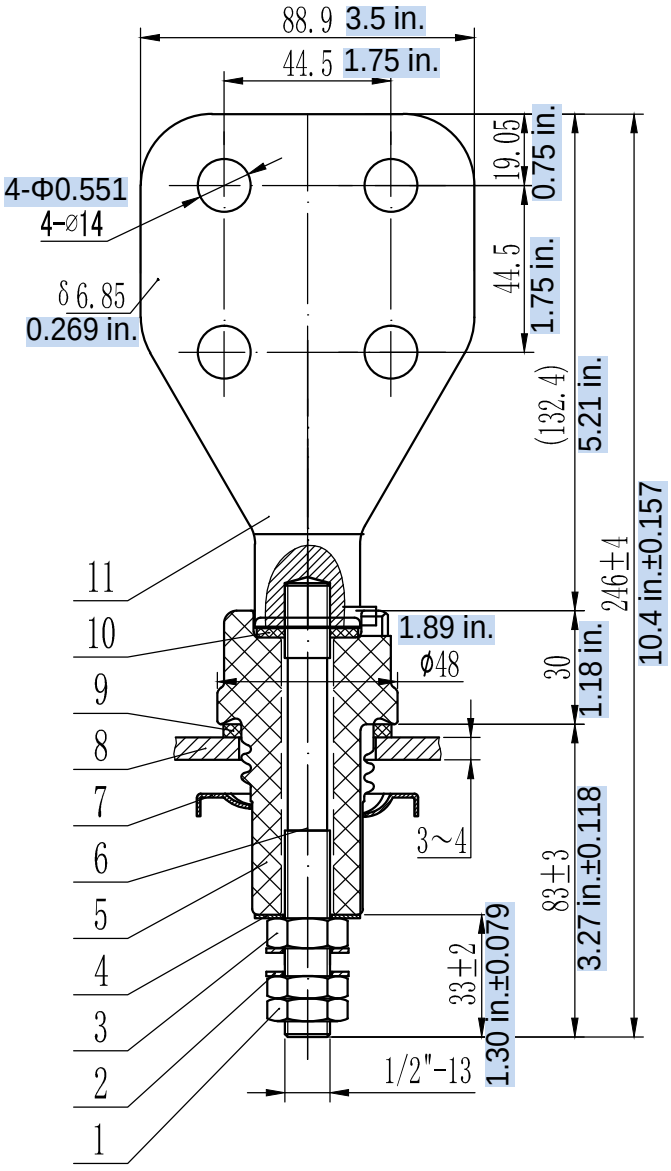


ANSI-25/55
Porcelain Bushing

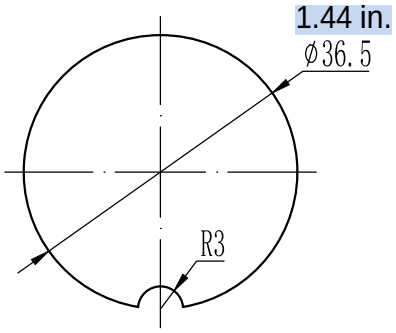
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No.	code (specifications)	name	quan-tity	material
1		1/2 Thin nut	2	brass
2		flat washer	2	brass
3		1/2 Thick nut	1	brass
4		large flat pads	1	stainless steel
5		ANSI-1/315 Porcelain Bottle	1	High pressure porcelain
6		1/2"×246 conducting rod	1	copper
7		American standard flower basket	1	Carbon steel
8		tank cover		
9	Φ44×Φ34.5×3.5	Rectangular sealing ring	1	Acrylate
10	Φ27×Φ12×2.5	Rectangular sealing ring	1	Acrylate
11		American standard terminal head	1	brass

Technical parameters			
AC	10kV/1min	BIL	30kV
Creepage distance	≥35mm	Cantilever load	1000N



Box cover opening size



Marking	Number of places	Zoning	Change file number	Sign it	date

ANSI-1.2/250
American standard casing

design		Standardization			
check					
Audit					
Craft			Permission granted		25.05.19

pattern marking	weight	proportion
		1:2
One in all	Slide 1	

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