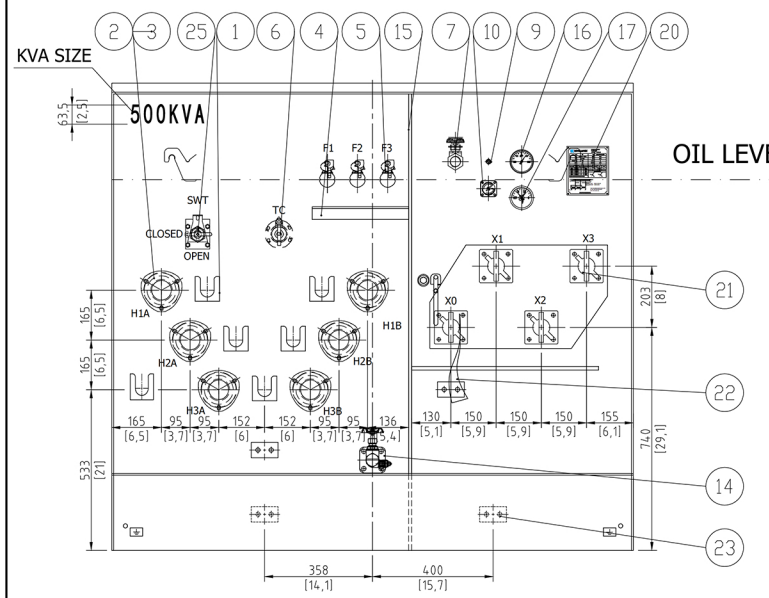
DWG. NO.

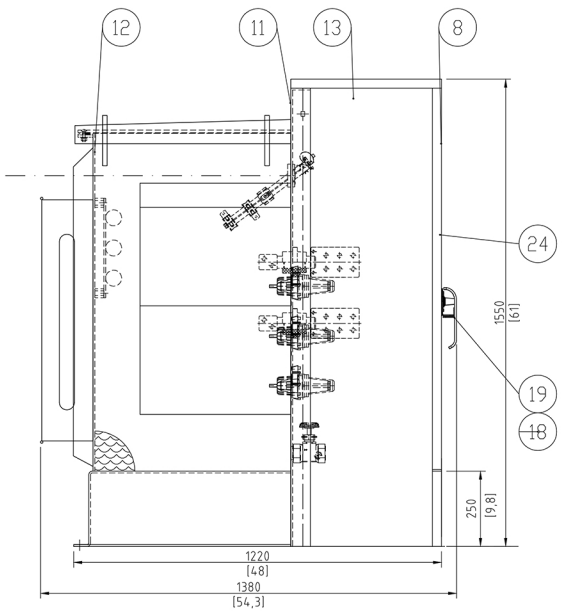
MT-PML-R7-3P-GMR-500KVA-YT-LT-DF-A6-BB-CZ-2B4-M1

NOTE:
1. DIMENSION TOLERANCE : ±2%
2. COLOR:Munsell 7GY3.29/1.5
3. PAINT THICKNESS ≥4mils(100um)
4. ALL DIMENSIONS ARE IN MILLMETERS & [INCHES].
5. DOE 2016 COMPLIANT

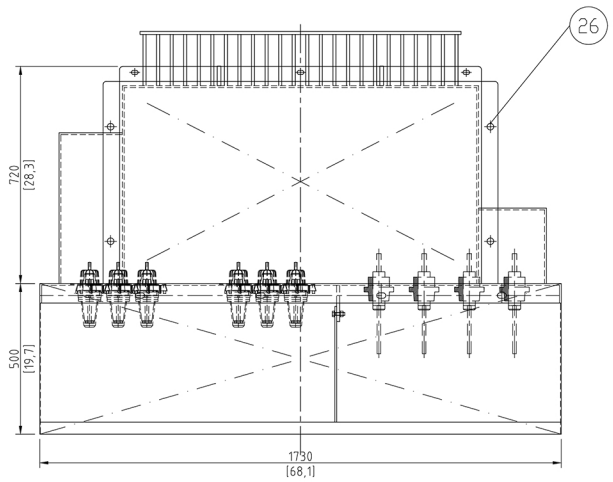
Front View



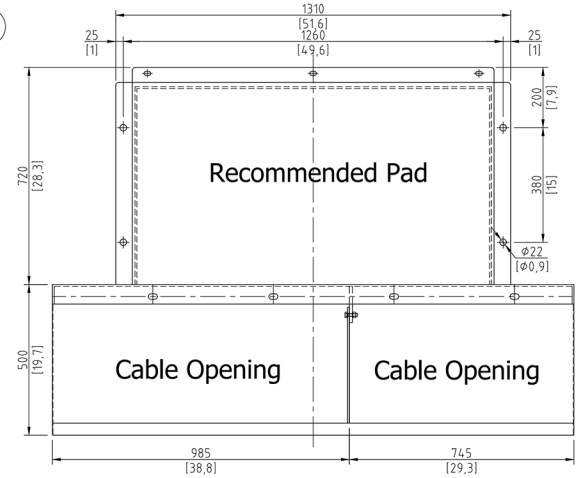
Side View



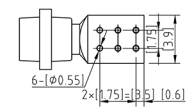
Top View



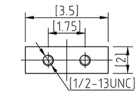
INVERTED BASE DETAIL



L.V TERMINAL



GROUND PAD
STAINLESS STEEL



ITEM	WEIGHT
TANK & ACCESSORIES	645kg [1,420 LBS]
TOTAL OIL WEIGHT	165 GALS [1,230 LBS]
TOTAL WEIGHT	2,270kg [4,995 LBS]

TECHNICAL DATA	
RATING	500kVA
PRIMARY VOLTAGE(V)	12,470GRDY/7,200
SECONDARY VOLTAGE(V)	208GrdY/120
FREQUENCY	60Hz
VECTOR GROUP	YNyn0
WINDING MATERIAL	COPPER
EFFICIENCY	99.35%
LOAD LOSS AT RATED VOLTAGE	≤4,670W
NO LOAD LOSSES	≤585W
IMPEDANCE	4.5%
ALTITUDE	≤1,000m
No. OF TAP POSITION	5
CORE FORM	THREE-PHASE FIVE-COLUMN

PARTS LIST		
ITEM	DESCRIPTION	QTY
1	PARKING STAND BRACKET	6
2	H.V BUSHING WELL(15kV,200A)(WITH REMOVABLE STUD)/BIL:95kV	6
3	LOADBREAK BUSHING INSERT(15kV,200A)/BIL:95kV	6
4	DRIP TRAY(STEEL)	1
5	BAYONET FUSE/ELSP FUSE	3
6	TAP CHANGER(WSLII3 63/20-6×5)	1
7	1" UPPER FILL PLUG	1
8	FR3 LABEL	1
9	PRESSURE RELIEF VALVE	1
10	OIL LEVEL GAUGE	1
11	1"STENCILED LETTERING kVA SIZE,H.V RATING,L.V RATING.	1
12	LIFTING HOOK FOR COMPLETE TRANSFORMER	4
13	HINGED DOOR	1
14	1"DRAIN VALVE WITH 3/8" SAMPLER	1
15	RIGID BARRIER BETWEEN H.V & L.V	1
16	VACUUM PRESSURE GAUGE	1
17	THERMOMETER	1
18	3PT LOCKING MECHANISM(SELF CONTAINED WITH SPRING)	1
19	DOOR HANDLE(Pad Lockable)	1
20	NAME PLATE(STAINLESS STEEL)	1
21	L.V BUSHING(2000A,6 HOLE)/BIL:30kV	4
22	GROUND STRAP COPPER	1
23	GROUND STEEL PADS(STAINLESS STEEL)	4
24	WARNING LABEL	2
25	FOUR POSITION LOADBREAK SWITCH	1
26	SEISMIC ANCHOR PROVISIONS	2

CHANGE

TYPE

DWG. NAME: General Assembly Drawing

DRAWN	CHECKED	CHECKED		APPROVED	FIRST ANGLE PROJECTION	SCALE 1	SIZE: 11 X 17

LARSON ELECTRONICS

REV. NO. 0