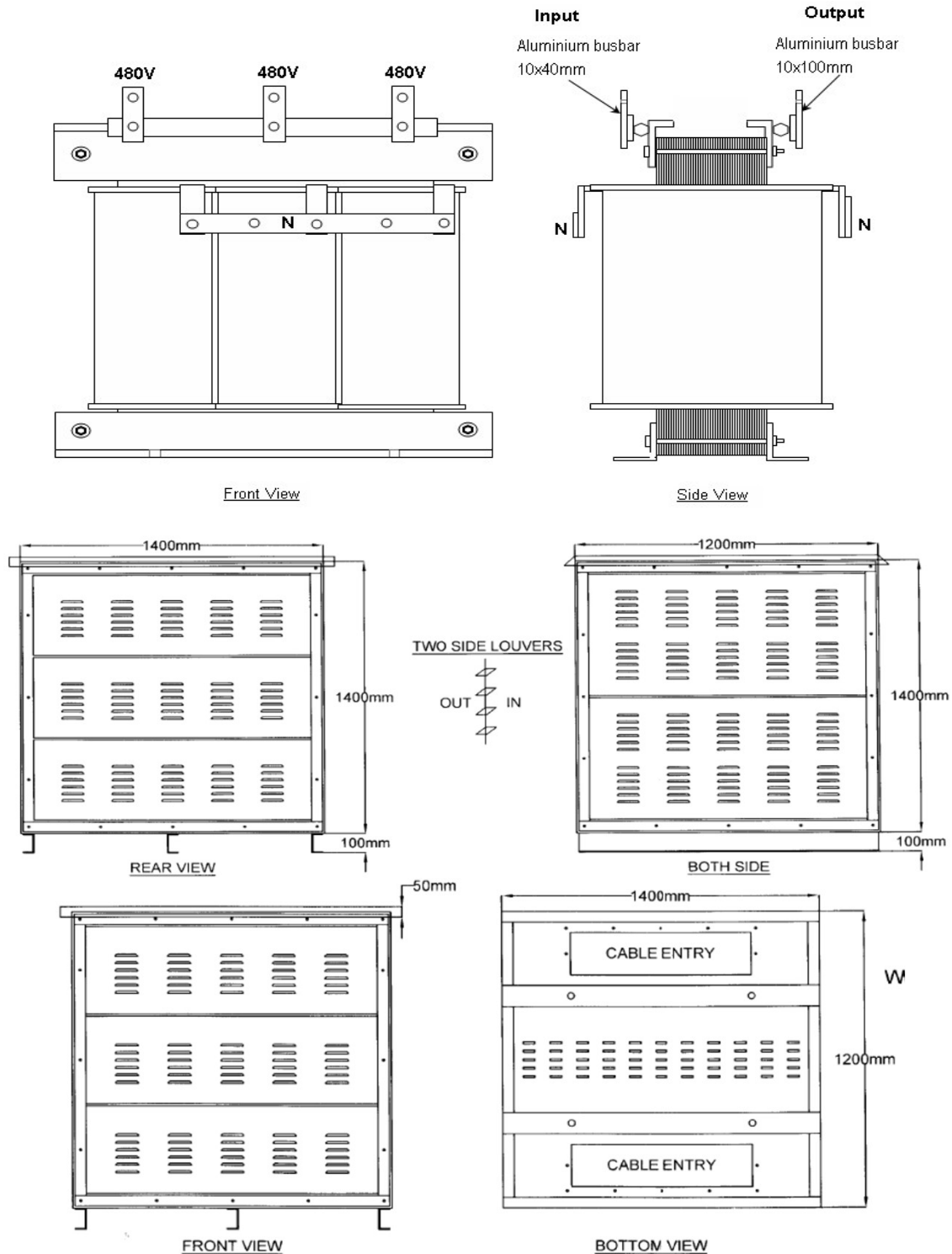


DESCRIPTION : Trailer MOUNTED 500KVA 3PH TRANSFORMER (INPUT=480V, OUTPUT=208V)

1. DIMENSIONS (Unit : mm)



- Note :
- i) Class H Insulation.
 - ii) Input and Output reversible like a regular transformer.
 - iii) C/W Metal Enclosure (Any Custom Color).

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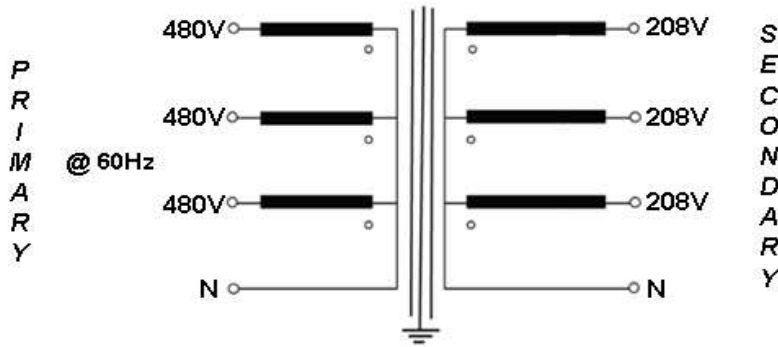
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2. SCHEMATIC DIAGRAM :



3. MATERIAL LIST :

ITEM	MATERIAL	DESCRIPTION	COMPONENT VENDOR
a.	BOBBIN	FIBREBOARD ELECTRICAL INSULATOR SHEET	TJLM MEXICO
b.	LAMINATION CORE	SILICON STEEL	TJLM MEXICO
c.	WIRE	POLYESTERIMIDE ENAMELED POLYAMIDE-IMIDE WIRE 200°C (AL)	VIMLESH INDUSTRIES (P) LTD UL NO. : E319454
d.	INSULATION TAPE	POLYESTER FILM INSULATION TAPE., BRAND NO.: #1350	3M , U.S.A. UL NO. : E17385
e.	INSULATION PAPER	NOMEX PAPER # 410	E I DUPONT DE NEMOURS & CO., INC. UL NO. : E34739
f.	SLEEVEING	SILICONE FIBREGLASS TUBE VW-1, GS30-2E/ GS30-3E OR EQUIVALENT	VITAR INSULATION MFRS LTD. UL NO. : E131399
g.	BRACKET	MOUNTING BRACKET COLD ROLLED STEEL	VARIOUS MANUFACTURER
h.	HEATSHRINK TUBE	HEAT SHRINKABLE TUBING CB-HFT 600V	CYE (SHENZHEN) CO LTD UL NO.: E180908 OR EQUIVALENT
i.	BUSBAR	ALUMINIUM BUSBAR (10x40mm, 10x100mm)	VARIOUS MANUFACTURER
j.	VARNISH	ULTIMEG 2000-380	AEV PLC. UL NO. : E220579
k.	METAL ENCLOSURE	STEEL (ANY CUSTOM COLOR)	VARIOUS MANUFACTURER

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4. **SCHEMATIC DIAGRAM :**

a. **PRIMARY LINE VOLTAGE : 480Vac @ 60Hz (500kVA)**

b. **SECONDARY LINE VOLTAGE : 208Vac**

c. **SECONDARY PHASE VOLTAGE : 120Vac**

d. **HIPOT : @ 50Hz, 1 MINUTE**

PRIMARY	TO	SECONDARY	----	3000 Vac
WINDINGS	TO	CORE	----	3000 Vac

e. **INSULATION RESISTANCE : @ 500 VDC**

PRIMARY	TO	SECONDARY	-----	500 MΩ min.
WINDINGS	TO	CORE	-----	500 MΩ min.

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