

Technical drawing of a 100KVA 3PH Padmount Transformer, showing three views: Front View, Top View, and Side View. The drawing includes dimensions, callouts for components, and a parts list.

Parts List:

ITEM	DESCRIPTION
1	HV BUSHING 2 PIECE 11kV CABLEBOX 160A
2	LV BUSHING ESAA No.72 3.3kV 200A
3	TAPSWITCH HANDLE
4	RATING PLATE (INSIDE LV DOOR)
5	OIL LEVEL GAUGE
6	LIFTING LUG
7	HOLD DOWN CHANNEL
8	EARTH STUD - M12 S/STEEL
9	LV SWITCHBOARD BRACKETS - M10x15mm S/STEEL NUTS
10	HV SWITCHBOARD BRACKETS - M10x15mm S/STEEL NUTS
11	PADLOCKABLE HINGED DOOR
12	DOOR, ALLEN HEAD BOLTS & RUBBER PLUGS

Approximate Masses:

APPROXIMATE MASSES	kg
UNTANKING MASS	355
OIL (315 Litres)	277
TOTAL MASS	970

Dimensions:

- Overall Width: 1080mm
- Overall Height: 1159mm
- Overall Depth: 1870mm
- Inside Cubicle Width: 410mm
- Inside Cubicle Depth: 410mm
- Overall Depth (COG): 493mm
- Overall Depth (HOLD DOWN CENTRES): 760mm
- Overall Depth (HOLD DOWN): 990mm
- Overall Depth (HOLD DOWN ALT): 990mm
- Overall Depth (HOLD DOWN ALT): 990mm

General Arrangement:

100KVA 3PH PADMOUNT TRANSFORMER
11kV / 415 - 240V Dyn11

Revision Information:

REV	DESCRIPTION	DESIGN AUTHORITY	SL	DATE	APPD	DATE
B	T/SWITCH CHANGED TO WALL MOUNT TYPE	DESIGN IMPROVEMENT	SL	27/03/2018	JS	29/03/2018

ETEL Distribution Transformers

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