



"VIEW A-A BASE DETAIL"
THE HATCHED AREA REPRESENTS THE BOTTOM OF THE TRANSFORMER THIS AREA DOESN'T SIT ON THE FLOOR.

QTY.	ITEM	DESCRIPTION
1	1	WINDING TEMPERATURE INDICATOR, MESSKO, MT-ST160WRM/4C/4 (49T-1)
1	1a	THERMO-WELL FOR WINDING TEMPERATURE INDICATOR
1	2	LIQUID TEMPERATURE INDICATOR, MESSKO, MT-ST160RM/2C/4M (26Q-1)
1	2a	THERMO-WELL FOR LIQUID TEMPERATURE INDICATOR
1	3	MAGNETIC LIQUID LEVEL, MESSKO, MTO-ST160RM/1U/4F (71Q-1)
1	4	PRESSURE RELIEF DEVICE QUALITROL LPRD00-00008306 (63PR-1)
1	5	RAPID RISE PRESSURE RELAY, QUALITROL, 910-014-05 (63FP-1)
1	11	PRESSURE-VACUUM GAUGE FOR SHIPPING
3	15	H.V. BUSHING, PCORE, POC650G0800S
2	15a	H.V. BUSHING TURRET
3	16	L.V. BUSHING, ABB, 015J0300AQ
1	20	NEUTRAL BUSHING HO, ABB, 015J0300AQ
1	26	H.V. SURGE-ARRESTER SUPPORT
1	28	L.V. SURGE-ARRESTER SUPPORT
2	40	GROUND PAD
1	42	CORE GROUND BUSHING TERMINAL BOX (MAIN UNIT)
1	46	NAMEPLATE
1	47	CONTROL CABINET
1	48	AUTOMATIC NITROGEN EQUIPMENT FOR OPERATION
1	50	DE-ENERGIZED TAP-CHANGER, ABB, DTUC
1	51	BASE SKIDS (4 DIRECTION)
14	55	TANK BRACES
4	56	JACKING PADS AND PULLING EYES
1	57	MAIN COVER
2	58	INSPECTION MANHOLE (COVER)
2	65	CT TERMINAL BOX
4	66	LIFTING EYE COVER ONLY
4	67	LIFTING LUGS COMPLETELY ASSEMBLED TRANSFORMER
4	68	SHIPPING LUGS
1	72	TOP FILTER PRESS VALVE (1" Ø) GLOBE-TYPE
1	73	MAIN TANK DRAIN VALVE (2" Ø) GLOBE-TYPE WITH SAMPLING DEVICE (3/8" Ø) AND PLUG
2	74	IMPACT RECORDER FOR SHIPPING
12	75	COOLING FAN, KRENZ, F26D-A9712 (88F)
6	75b	RADIATOR SUPPORTS AND BRACES
12	75c	RADIATOR VENT AND DRAIN PLUG (1" Ø)
12	75d	RADIATOR VALVE BUTTERFLY-TYPE (4" Ø)

NOTES:

a) ITEMS REMOVE FOR SHIPMENT ARE MARKED WITH (*).

b) NUMBERING IS ACCORDING WITH G.E. PROLEC STD. LIST.

● OPERATION CENTER OF GRAVITY

⊗ SHIPPING CENTER OF GRAVITY

APPROXIMATE WEIGHTS (POUNDS)	
CORE AND COILS	58370
TANK AND FITTINGS	37635
MAIN TANK LIQUID (6610 GALS)	49643
COOLING EQUIPMENT LIQUID (359 GALS)	2694
TOTAL WEIGHT	148342
UNTANKING WEIGHT (HEAVIEST PIECE)	58370
SHIPPING WEIGHT (WITHOUT OIL)	82554

TOLERANCES	
Centerline distance of not inclined bushings	±.25
Centerline distance of inclined bushings	+1.00 -.62
Bushings height (distance to floor)	±.50
Outlet of control cabinet distance	±.25
Hv & Lv bushings center line	±.25
Bushings & surge arrester center line	±.25
Surge arrester height (distance to floor)	±.50
Center tank distance to short side	±.50
Center tank distance to large side	±.50
Conservator height	±.50
Anchoring center line	±.12
Bracing base center line	±.12
Pattern distance	+0.6 -0.18
Outline	0-118.00 ±1.00
Dimensions	118.00-197.00 ±1.50 197.00 & Above ±2.00

STEP DOWN TRANSFORMER
ONAN/ONAF/ONAF
30/40/50 MVA, 65°C, 60 HZ
THREE PHASE, 3300 ft.
138 x 69 KV Δ 13.8 KV ↯

PROLEC
APPROVAL DRAWING
24 / OCT / 08
DEAR CUSTOMER :
WE WANT TO SERVE YOU BETTER.
PLEASE REVIEW THIS DRAWING
AND SEND BACK WITH YOUR
COMMENTS TO GE-PROLEC IN THE
TIMEFRAME OF 10 DAYS AFTER
THE DATE MARKED IN THIS STAMP.

