



GEC POWER DISTRIBUTION (PTY) LTD.
3 PHASE AUTO-TRANSFORMER
TO BRITISH STANDARD 171-1978

MANUFACTURERS SERIAL No.

CUSTOMERS CONTRACT No.

YEAR OF MANUFACTURE

FREQUENCY

TYPE OF COOLING

VACUUM STRENGTH OF UNIT AT SEA LEVEL

SUITABLE FOR USE AT 1800 METRES A.S.L.

L228/1

ODS 46677

1983

50 Hz

ONAN / ONAF

FULL VACUUM

CORE & WINDINGS

OIL MASS / VOLUME

TOTAL MASS

MAX. TRANSPORT MASS

MASS EXCLUDING OIL

VECTOR SYMBOLS

ESCOM ASSET No.

kg

kg / m³

kg

kg

kg

kg

48000

48734 / 55380

136755

109145

88022

YN, d0, d1

THIS TRANSFORMER TO BE OIL FILLED UNDER FULL VACUUM

DIAGRAM No. D 415894

	HV	MV	LV
TERMINALS	A13-B13-C13	a2-b2-c2	3A2-3B2-3C2
VOLTS	220000	132000	22000
NOMINAL RATED POWER (MVA)			
ONAN	75	75	20
ONAF	125	125	20
MAX. COMBINED RATING (MVA)			
ONAN	75	55	20
ONAF	125	105	20

IMPEDANCE	TAP POSITION			BASE
	1	5	10	MVA
0.1% HV	9.8	9.8	10.6	125
0.1% LV	87.3	84.4	76.2	125
0.1% LV		75.2		125

