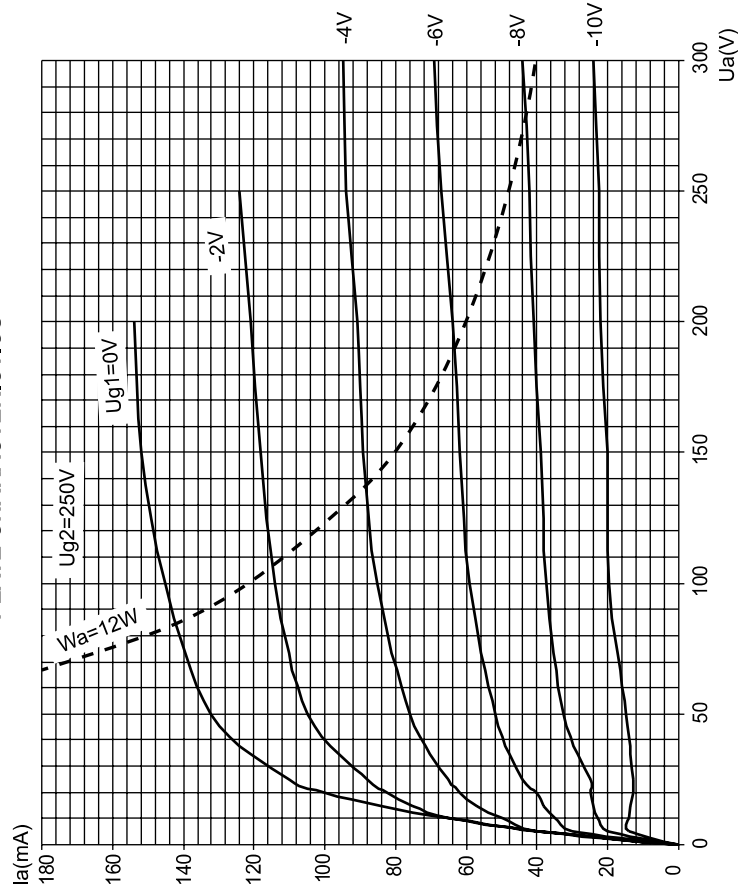
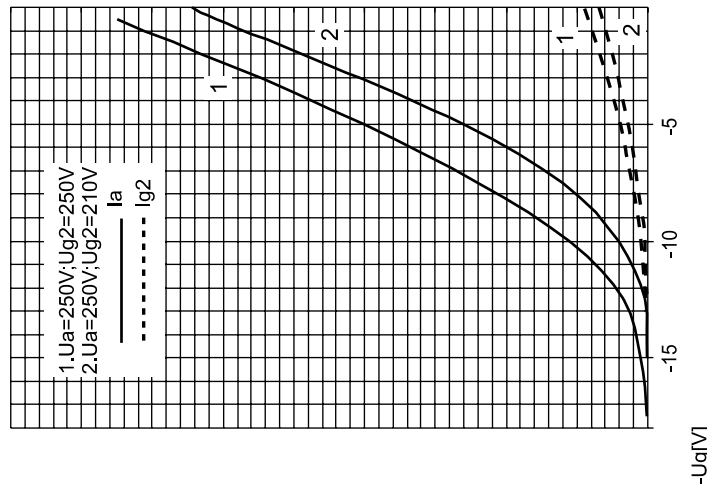




PLATE CHARACTERISTICS



TRANSFER CHARACTERISTICS



EL84

R. F. OUTPUT PENTODE

Base: NOVAL

$U_f = 6,3 V$

$I_f = 0,760 mA$

Typical characteristic:

$U_a = 250 V$

$U_{g2} = 250 V$

$U_{g1} = -7,3 V$

$I_a = 48 mA$

$I_{g2} = 5,5 mA$

$S = 11,3 mA/V$

$R_i = 40 k\Omega$

$\mu_{g1/g2} = 19$

Class A₁ amplifier:

$U_a = 250 V$

$U_{g2} = 250 V$

$R_k = 135 \Omega$

$I_a = 48 mA$

$I_{g2} = 5,5 mA$

$R_a = 5,2 k\Omega$

$U_{g1eff} (50mW) = 0,3 V$

$U_{g1eff(N)} = 4,3 V$

$N (10\%)^1 = 5,7 W$

$N^2 = 6 W$

1) U_{g1} fest fixed grid bias

2) $I_{g1} + 0,3 \mu A$

Limiting values:

$U_a = 300 V$

$W_a = 12 W$

$U_{g2} = 300 V$

$W_{g2} = 2 W$

$U_{g1} = -100 V$

$I_k = 65 mA$

$R_{g1} = 1 M\Omega$ for automatic bias

$R_{g1} = 0,3 M\Omega$ for fixed bias

$U_{k/f} = 100 V$

Capacitances:

$C_{g/k} = 10 pF$

$C_a = 5,1 pF$

$C_{g/a} = 0,6 pF$

$C_{g1f} = 0,15 pF$

Dimension and connections:

