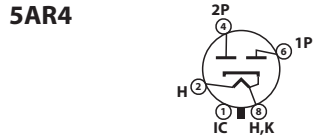


Eh=6.3V Ih=0.8A
Max Operating
 Eb=315V Ploss=12W
 Ec2=285V C2loss=2W
 Rg1=500kΩ(Fixed), 1MΩ(Self)
 Ehk+=100V Ehk-=200V

Class A1 Amplifier

Eb 200V
 Ec2 200V
 Ec1 -12.5V
 gm 7500μMo
 Rp 40kΩ
 Ib (Zero Signal) 45mA
 Ib (Maximum Signal) 49mA
 Ic2 (Zero Signal) 2.5mA
 Ic2 (Maximum Signal) 9.5mA
 RL 4k
 Po (approx) 4.5W
 THD 10%

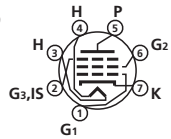


Eh=5.0V Ih=1.9A
Max Operating (Each Diode)
 Peak Inverse Plate Voltage 1500V
 Input Capacitor 60μF

Rectifier

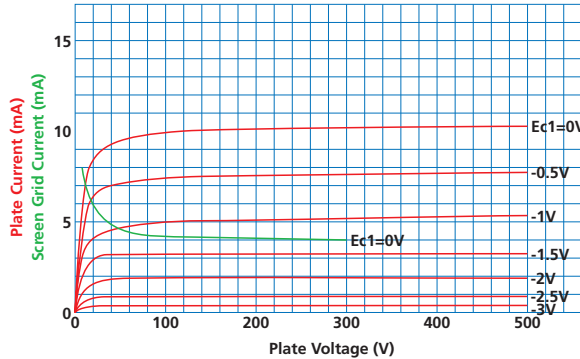
Input Type Capacitor
 AC Plate Supply (Each Plate, RMS) 450V
 Input Capacitor 60μF
 Input Inductor -
 Supply Impedance (Each Plate) 150Ω
 DC Output Current 250mA
 DC Output Voltage 480V

6AU6



Eh=6.3V Ih=0.3A
 Eb= 100V 250V 250V
 Ib= 5.0mA 7.6mA 10.6mA
 Ec2= 100V 125V 150V
 Ic2= 2.1mA 3.0mA 4.3mA
 Ec3=Connect to Kathode by Socket
 Ec1= -4.2V -5.5V -6.5V
 rp= 500kΩ 1.5MΩ 1.0MΩ
 gm=3900μMo 4500μMo 5200μMo
 Rk= 150Ω 100Ω 68Ω

6AU6 Plate Characteristic (Ec2=100V, Ec3=0V)



Driver=
 NFB-0dB= 181.63Vrms output / 1Vrms input μ=189.1 (45.5dB)
 NFB-8.22dB= 73.59Vrms output / 1Vrms input μ=73.59 (37.3dB)

Pp=7.02W (max12W)
 Pg2=0.376W (max2W)
 input=1Vrms, output=36.97W

Output
 NFB-0dB=44.29V(245.23W)
 NFB-8.22dB=17.2V(36.97W) NFR=2.7kΩ
 NFB-9.30dB=15.18V(28.8W) NFR=2.2kΩ

