

7591 S

POWER PENTODE

Base: OCTAL

$$U_f = 6,3 \text{ V}$$

$$I_f = 0,8 \text{ A}$$

Typical characteristic:

Class A1 amplifier

$$U_a = 300 \text{ V}$$

$$U_{g2} = 300 \text{ V}$$

$$U_{g1} = -10 \text{ V}$$

$$I_a = 60 \text{ mA}$$

$$I_{g2} = 8 \text{ mA}$$

$$S = 10 \text{ mA/V}$$

$$R_i = 29 \text{ k}\Omega$$

$$\mu = 16,8$$

Limiting values:

$$U_a = 550 \text{ V}$$

$$U_{g2} = 440 \text{ V}$$

$$W_a = 19 \text{ W}$$

$$W_{g2} = 3,3 \text{ W}$$

$$I_k = 85 \text{ mA}$$

$$R_{g1} = \begin{array}{l} \text{max } 0,3 \text{ M}\Omega \\ \text{(fixed bias)} \\ \text{max } 1 \text{ M}\Omega \\ \text{(cathode bias)} \end{array}$$

$$U_{kf} = \text{max } 200 \text{ V}$$

Capacitances:

$$C_{g1} = 10 \text{ pF}$$

$$C_a = 5 \text{ pF}$$

$$C_{a/g1} = 0,25 \text{ pF}$$

Dimension

and connections:

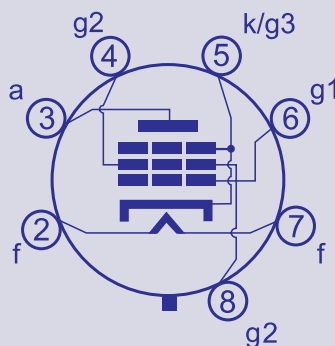
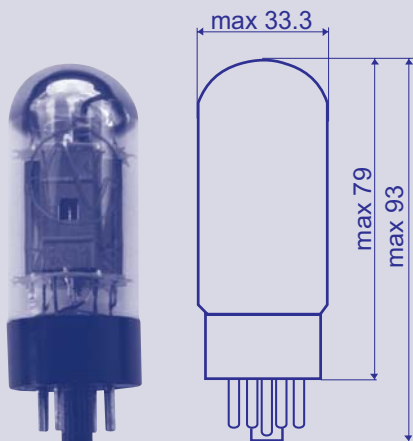




PLATE CHARACTERISTICS

I_a (mA)

TRIODE CHARACTERISTICS

$I_a = f(U_a)$

