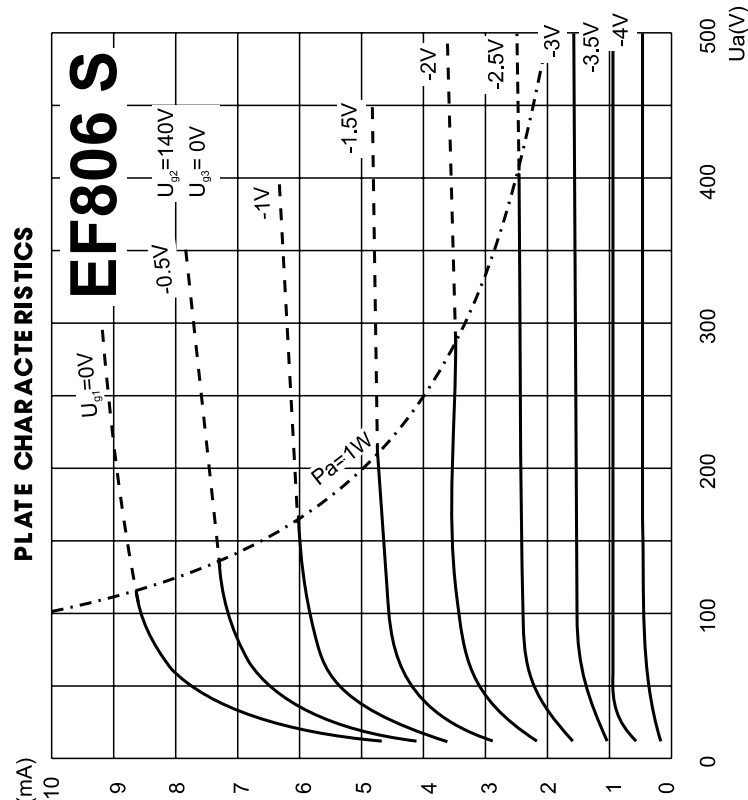
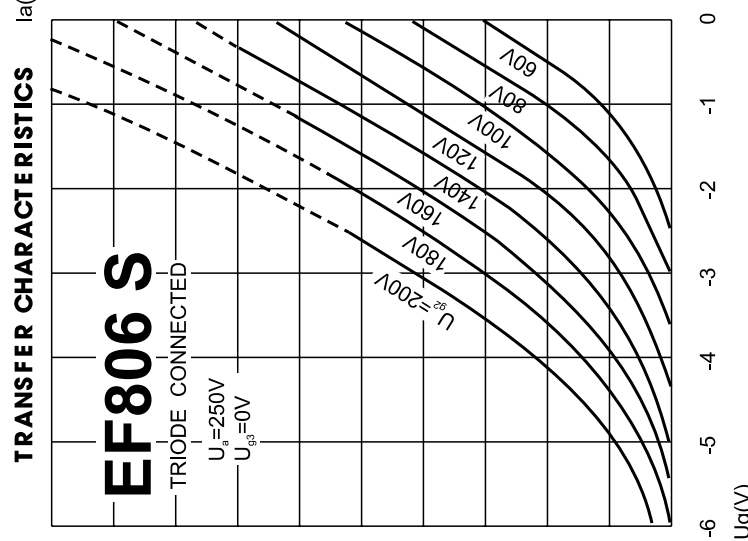




PLATE CHARACTERISTICS



TRANSFER CHARACTERISTICS



# EF806 S

**Pentode intended for use as A. F. amplifier**

**Base:** NOVAL

$U_f = 6,3 \text{ V}$   
 $I_f = 200 \text{ mA}$

**Typical characteristic:**

$U_a = 250 \text{ V}$   
 $U_{g3} = 0 \text{ V}$   
 $U_{g2} = 140 \text{ V}$   
 $U_{g1} = -2,2 \text{ V}$   
 $I_a = 3,0 \text{ mA}$   
 $I_{g2} = 0,6 \text{ mA}$   
 $S = 2,2 \text{ mA/V}$   
 $\mu_{g2/g1} = 38$   
 $R_i = 2,5 \text{ M}\Omega$

**Limiting values:**

$U_{a0} = \text{max. } 550 \text{ V}$	if $W_a > 0,2 \text{ W}$
$U_a = \text{max. } 300 \text{ V}$	$R_{g1} = \text{max. } 3 \text{ M}\Omega$
$W_a = \text{max. } 1,0 \text{ W}$	with grid current biasing
$U_{g20} = \text{max. } 550 \text{ V}$	$R_{g1} = \text{max. } 22 \text{ M}\Omega$
$U_{g2} = \text{max. } 200 \text{ V}$	$I_k = \text{max. } 6 \text{ mA}$
$W_{g2} = \text{max. } 0,2 \text{ W}$	
if $W_a < 0,2 \text{ W}$	$U_{k/f} = \text{max. } 100 \text{ V}$
$R_{g1} = \text{max. } 10 \text{ M}\Omega$	$U_{f/k} = \text{max. } 50 \text{ V}$

**Capacitances:**

$C_{g1(a)} = 3,8 \text{ pF}$   
 $C_{a(g1)} = 5,1 \text{ pF}$   
 $C_{ag1} = \text{max. } 0,05 \text{ pF}$   
 $C_{g1f} = \text{max. } 0,0025 \text{ pF}$

**Dimension and connections:**

