



# EL84

**Base:NOVAL**

**Limiting Values:**

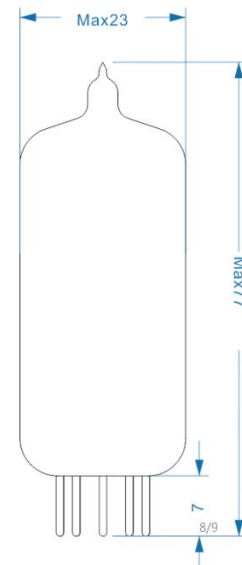
U<sub>f</sub> = 6,3V  
I<sub>f</sub> = 0,760A

U<sub>a</sub> = 300V  
W<sub>a</sub> = 12W  
U<sub>g2</sub> = 8mA

**Typical Characteristics:**

U<sub>a</sub> = 250V  
U<sub>g2</sub> = 250V  
U<sub>g1</sub> = -7,3  
I<sub>a</sub> = 48mA  
I<sub>g2</sub> = 5,5mA  
S = 11,3mA/V  
R<sub>i</sub> = 40KΩ  
U<sub>g1/g2</sub> = 19

W<sub>g2</sub> = 2W  
U<sub>g1</sub> = -100V  
I<sub>k</sub> = 65mA  
R<sub>g1</sub> = 1MΩ  
for automatic bias  
R<sub>g1</sub> = 0,3MΩ  
For fixed bias  
U<sub>k/f</sub> = 100V

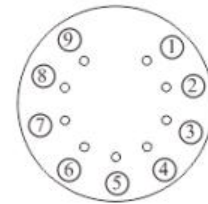


**Class A, Amp.:**

U<sub>a</sub> = 250 V  
U<sub>g</sub> = 250 V  
R<sub>k</sub> = 135 Ω  
I<sub>a</sub> = 48 mA  
I<sub>g2</sub> = 5,5 mA  
R<sub>a</sub> = 5,2 KΩ  
U<sub>g1eff</sub> (50mW) = 0,3 V  
U<sub>g1eff</sub> (N) = 4,3 V  
N<sup>(10%)</sup> = 5,7 W  
N<sup>(2)</sup> = 6 W

**Capacitances:**

C<sub>g/k</sub> = 10 pF  
C<sub>a</sub> = 5,1 pF  
C<sub>g/a</sub> = 0,6 pF  
C<sub>g1f</sub> = 0,15 pF



1	Null (空脚)
2	Grid (栅极)
3	K (阴极)
4	Filament (灯丝)
5	Filament (灯丝)
6	Null (空脚)
7	Plate (阳极)
8	Null (空脚)
9	Screen grid (帘栅)

1) U<sub>g</sub> fixed grid bias  
2) I<sub>g1</sub> = 0,3 μA

