

U.H.F. grounded-grid TRIODE (up to 500 Mc/s)  
 TRIODE U.H.F. à grille à la terre (jusqu'à 500 Mc/s)  
 UHF-GIPFERBASISTRIODE (bis 500 MHz)

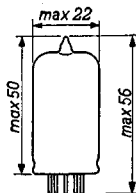
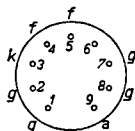
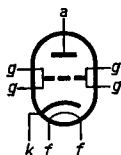
Heating : indirect by A.C. or D.C.  
 parallel supply

Chauffage: indirect par C.A. ou C.C.  
 alimentation- parallèle

Heizung : indirekt durch Wechsel-  
 oder Gleichstrom  
 Parallelspeisung

$V_f = 6,3 \text{ V}$   
 $I_f = 0,48 \text{ A}$

Dimensions in mm  
 Dimensions en mm  
 Abmessungen in mm



Base, culot, Sockel: Noval

Capacitances	$C_{(g+6)(k+f)} = 5,1 \text{ pF}^1$	$C_{a(k+f)} < 0,08 \text{ pF}$ $C_{a(g+6)} = 3,4 \text{ pF}^1$ $C_{a(g+f+6)} = 3,4 \text{ pF}^1$ $C_{kf} < 8 \text{ pF}$
Capacités	$C_{(g+f+6)k} = 9,3 \text{ pF}^1$	
Kapazitäten	$C_{ak} < 0,075 \text{ pF}$	

Typical characteristics  
 Caractéristiques types  
 Kenndaten

$V_a = 250 \text{ V}$   
 $V_g = -1,5 \text{ V}$   
 $I_a = 15 \text{ mA}$   
 $S = 12 \text{ mA/V}$   
 $\mu = 80$

Limiting values  
 Caractéristiques limites  
 Kenndaten

$V_{a0} = \text{max. } 550 \text{ V}$   
 $V_a = \text{max. } 300 \text{ V}$   
 $W_a = \text{max. } 4 \text{ W}$   
 $I_k = \text{max. } 15 \text{ mA}$   
 $V_g (I_g = +0,3 \mu\text{A}) = \text{max. } -1,3 \text{ V}$   
 $R_{kf} = \text{max. } 20 \text{ k}\Omega$   
 $V_{kf} = \text{max. } 100 \text{ V}$   
 $R_g = \text{max. } 0,3 \text{ M}\Omega$

<sup>1</sup>) 6 = pin 6; 6 = broche 6; 6 = Stifte 6

U.H.F. grounded-grid TRIODE (up to 500 Mc/s)  
 TRIODE U.H.F. à grille à la terre (jusqu'à 500 Mc/s)  
 UHF-GITTERBASISTRIODE (bis 500 MHz)

Heating : indirect by A.C. or D.C.  
 parallel supply

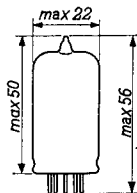
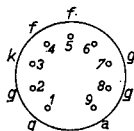
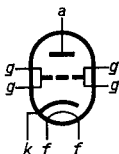
Chauffage: indirect par C.A. ou C.C.  
 alimentation- parallèle

Heizung : indirekt durch Wechsel-  
 oder Gleichstrom  
 Parallelspeisung

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

$$I_f = 0,43 \text{ A}$$

Dimensions in mm  
 Dimensions en mm  
 Abmessungen in mm



Base, culot, Sockel: Noval

Capacitances  $C_{(g+6)(k+f)} = 5,1 \text{ pF}^1$   
 Capacités  $C_{(g+f+6)k} = 9,3 \text{ pF}^1$   
 Kapazitäten  $C_{ak} < 0,075 \text{ pF}$

$C_{a(k+f)} < 0,08 \text{ pF}$   
 $C_{a(g+6)} = 3,4 \text{ pF}^1$   
 $C_{a(g+f+6)} = 3,4 \text{ pF}^1$   
 $C_{kf} < 8 \text{ pF}$

Typical characteristics  
 Caractéristiques types  
 Kenndaten

$V_a = 250 \text{ V}$   
 $V_f = -1,5 \text{ V}$   
 $I_a = 15 \text{ mA}$   
 $S = 12 \text{ mA/V}$   
 $\mu = 80$

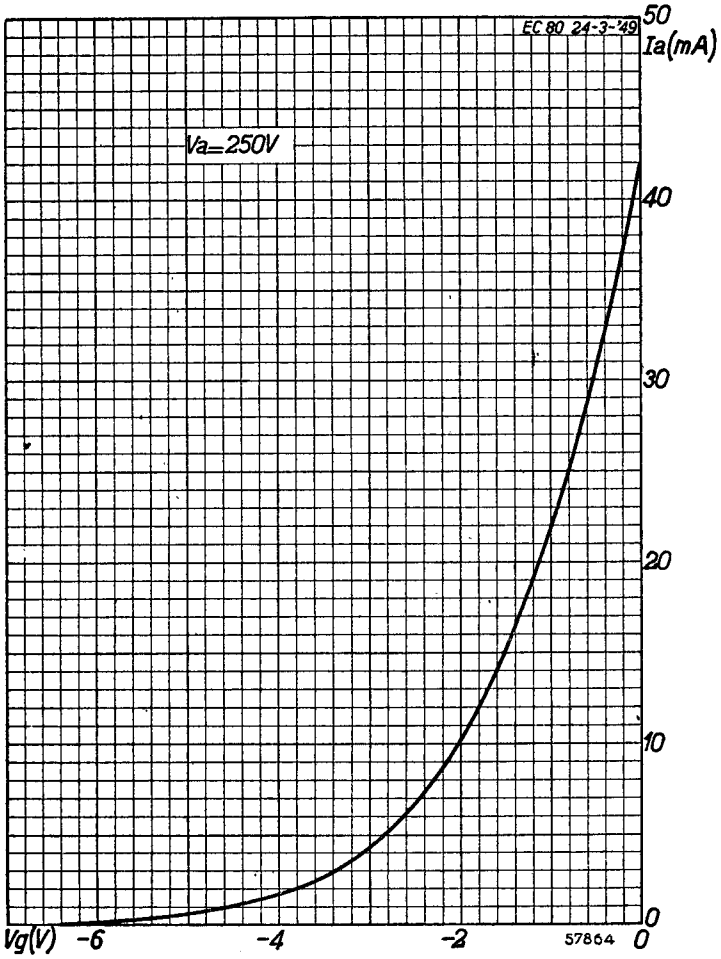
Limiting values  
 Caractéristiques limites  
 Kenndaten

$V_{a0} = \text{max. } 550 \text{ V}$   
 $V_a = \text{max. } 300 \text{ V}$   
 $W_a = \text{max. } 4 \text{ W}$   
 $I_k = \text{max. } 15 \text{ mA}$   
 $V_g (I_g = +0,3 \mu\text{A}) = \text{max. } -1,3 \text{ V}$   
 $R_{kf} = \text{max. } 20 \text{ k}\Omega$   
 $V_{kf} = \text{max. } 100 \text{ V}$   
 $R_g = \text{max. } 0,3 \text{ M}\Omega$

<sup>1</sup>) 6 = pin 6; 6 = broche 6; 6 = Stifte 6

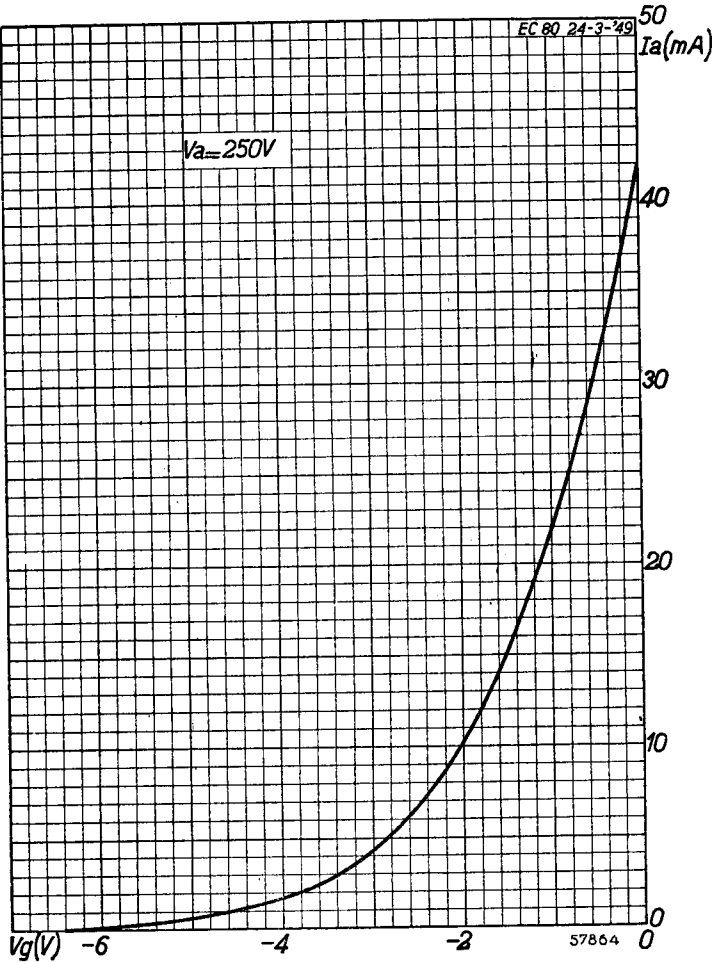
**EC 80**

**PHILIPS**



**EC 80**

**PHILIPS**

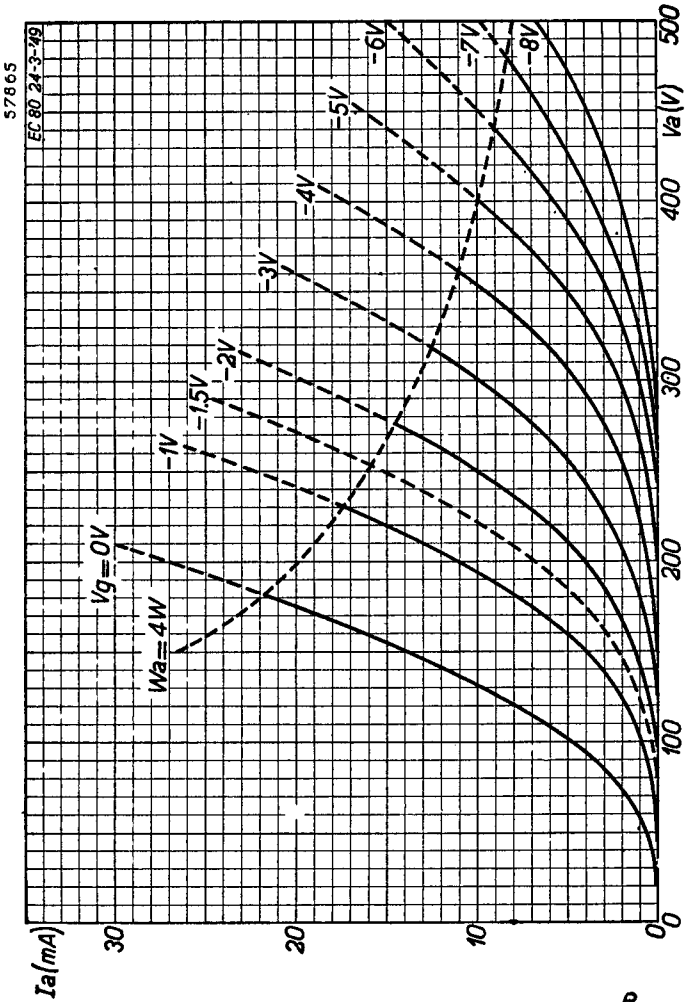


57864

A

# PHILIPS

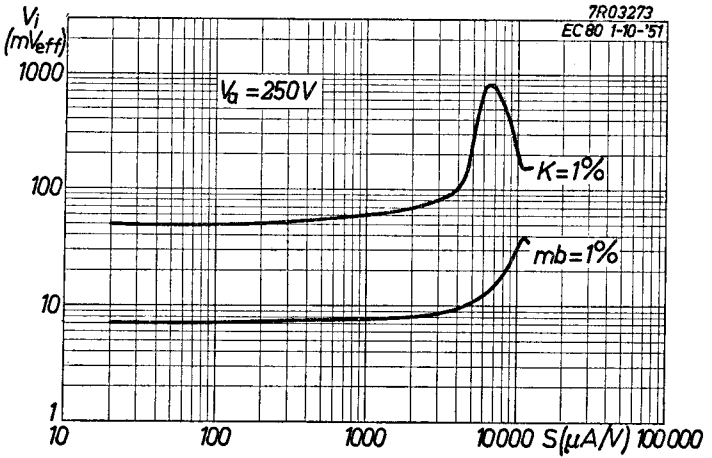
# EC 80



11.11.1953

EC 80

PHILIPS



**PHILIPS**



*Electronic  
Tube*

**HANDBOOK**

<b>page</b>	<b>EC80 sheet</b>	<b>date</b>
1	1	1955.02.02
2	1	1959.09.09
3	A	1955.02.02
4	A	1959.09.09
5	B	1953.11.11
6	C	1953.11.11
7	FP	1999.06.20