

GROUNDING GRID TRIODE

EC91

Grounded grid triode for use as an amplifier up to 250Mc/s.

HEATER

V_h	6.3	V
I_h	300	mA

CAPACITANCES

	Shielded*	Unshielded	
C_{a-g}	3.4	2.6	pF
C_{a-k+h}	120	150	mpF
C_{g-k+h}	5.0	4.5	pF
C_{k-g+h}	7.5	7.0	pF

*External shield connected to grid.

CHARACTERISTICS

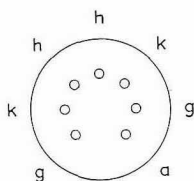
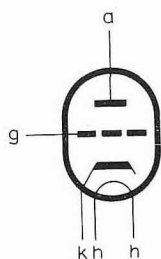
V_a	250	V
I_a	10	mA
V_g	-1.5	V
g_m	8.5	mA/V
μ	90	←
r_a	10.5	kΩ←
R_{eq}	400	Ω

LIMITING VALUES

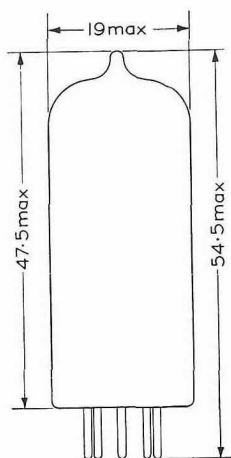
$V_{a(b)} \text{ max.}$	500	V←
$V_a \text{ max.}$	250	V
$p_a \text{ max.}$	2.5	W
$-V_g \text{ max.}$	100	V
$I_k \text{ max.}$	15	mA
$V_{h-k} \text{ max.}$	150	V
$T_{bulb} \text{ max.}$	200	°C←

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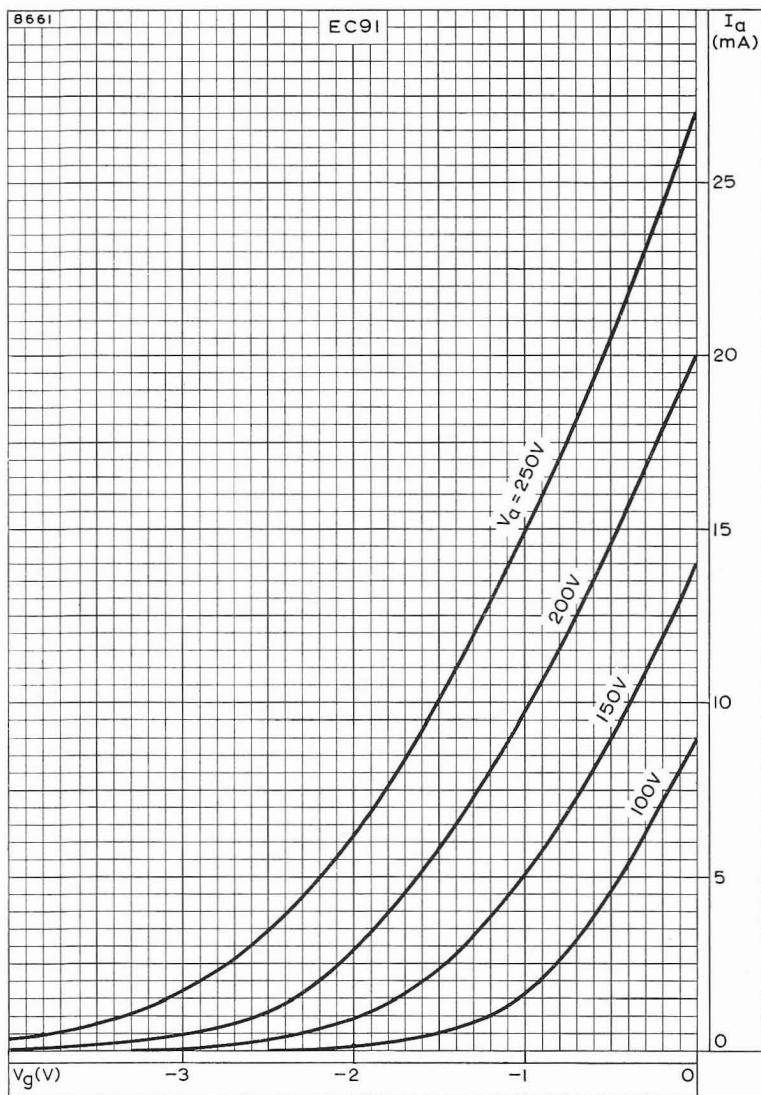


B7G Base

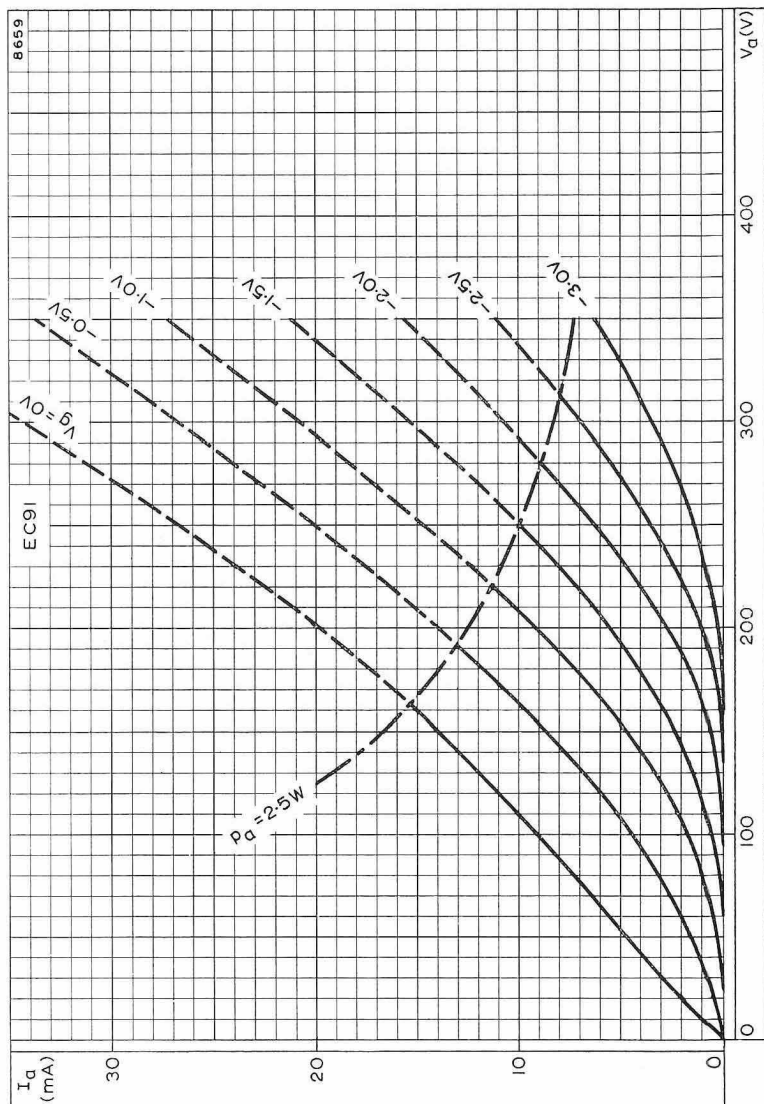


All dimensions in mm

8665



ANODE CURRENT PLOTTED AGAINST GRID VOLTAGE
WITH ANODE VOLTAGE AS PARAMETER



ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE
WITH GRID VOLTAGE AS PARAMETER