

DOUBLE DIODE TRIODE

EBC90

High gain triode for use as a.f. voltage amplifier combined with twin diodes.

HEATER

Suitable for series or parallel operation a.c. or d.c.

V_h	6.3	V
I_h	300	mA

CAPACITANCES (measured without an external shield)

$C_{a''d-g}$	< 0.025	pF
Triode section		
C_{b-g}	2.1	pF
C_{g-k}	2.3	pF
C_{a-k}	1.1	pF

CHARACTERISTICS

V_a	100	250	V
V_g	-1.0	-3.0	V
I_a	0.8	1.0	mA
g_m	1.3	1.2	mA/V
μ	70	70	
r_u	54	58	k Ω

LIMITING VALUES

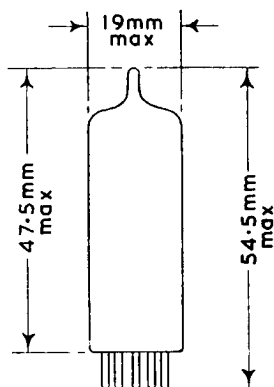
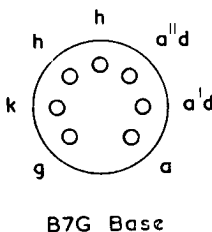
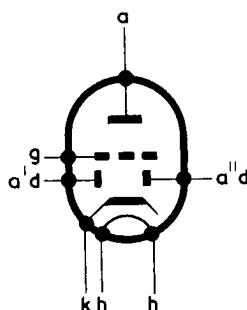
Triode section

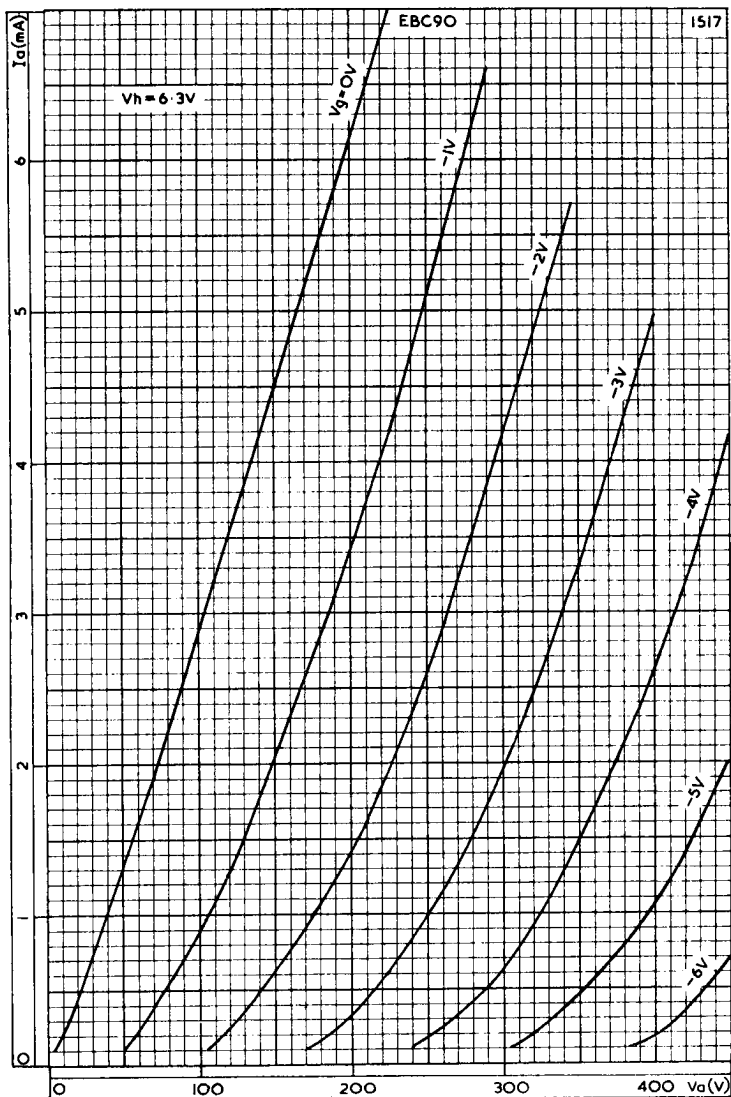
$V_{a(b)} \text{ max.}$	550	V
$V_a \text{ max.}$	300	V
$p_u \text{ max.}$	1.0	W
$R_{g-k} \text{ max.}$	3.0	M Ω
$V_{h-k} \text{ max.}$	90	V

Diode sections (each section)

$I_{ad} \text{ max.}$	1.0	mA
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4520





ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE
WITH CONTROL-GRID VOLTAGE AS PARAMETER