

OUTPUT PENTODE (OBSOLETE)

EL5

HEATER

V_h	6.3	V
I_h	1.35	A

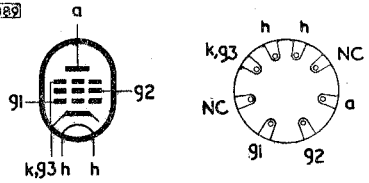
LIMITING VALUES

V_a max.	250	V
p_a max.	18	W
V_{g2} max.	275	V
p_{g2} max.	3.0	W
I_k max.	90	mA
V_{h-k} max.	50	V

CHARACTERISTICS

V_a	250	V
V_{g2}	275	V
V_{g1}	-14	V
I_a	72	mA
I_{g2}	7.0	mA
g_m	8.5	mA/V
r_a	22	k Ω

Diagram showing the top view of the EL5 tube base with pins labeled: a (top), g1 (left), g2 (right), k, g3 (bottom-left), and h (bottom-right).



Side Contact

DIMENSIONS

Max. Overall Length	117	mm
Max. Diameter	51	mm

OPERATING CONDITIONS

(As single valve class "A" amplifier)

V_a	250	V
V_{g2}	275	V
I_a	72	mA
I_{g2}	7.0	mA
R_a	3.5	k Ω
R_k	175	Ω
P_{out}	8.8	W
D_{tot}	10	%
$V_{in(r.m.s.)}$	9.1	V

REPLACED BY: EL37—Change base. May require some alteration in push-pull stages.

OUTPUT PENTODE (OBSOLETE)

EL6

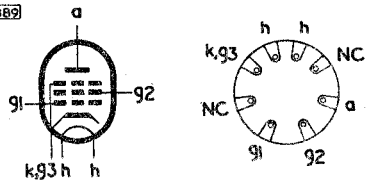
HEATER

V_h	6.3	V
I_h	1.2	A

DIMENSIONS

Max. Overall Length	121	mm
Max. Diameter	52	mm

Diagram showing the top view of the EL6 tube base with pins labeled: a (top), g1 (left), g2 (right), k, g3 (bottom-left), and h (bottom-right).



Side Contact

For characteristics, operating data and limiting values see type EL36. Except for base and dimensions, the EL6 and EL36 are identical.

REPLACED BY: EL37—Change base. May require some alteration in push-pull stages.

