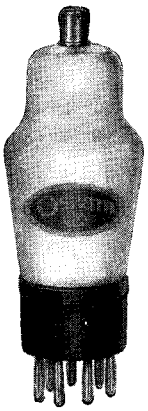
Osram Valves

Made in England



Illustrating Type H30.

Maximum Dimensions :
Overall length (including pins) 125 m/m.
Diameter of bulb 45 m/m.

TYPE H30
TYPE L30

UNIVERSAL RANGE TRIODES

(With Indirectly Heated Cathodes)

The OSRAM H30 and L30 are Triodes for series or parallel running, such as in receivers intended for use on either D.C. or A.C. supply, or from 12 volt car batteries.

Particular features of type H30 are : very low microphonic response and, due to its design, very low residual hum when used with the heater in series with other valves in a receiver operated from A.C. mains supply. The valve has a high Amplification Factor giving considerable gain per stage.

Type L30 is a low impedance Triode suitable for use in an L.F. amplifier.

CHARACTERISTICS.

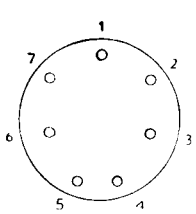
Heater Current	0.3 amp.
Heater Volts	13.0

	H30			L30		
	Max.			Max.		
Anode Volts	250	200	150	200	150	100
Grid Volts	–1.7	–1.3	–1.0	–8	–7	–5
Anode Current (average)	5–5	5.5	3.8 ma.	25	16	9.6 ma.
Amplification Factor		80	measured at anode		12	measured at anode
Impedance (ohms)		13,300	volts 100, grid		2,860	volts 100, grid
Mutual Conductance ma./v.		6.0	volts 0.		4.2	volts 0.
Automatic Bias Resistance		300 ohms			500 ohms	
Optimum Load Resistance		20,000 ohms.			6,000 ohms	

Type H30 Interelectrode Capacities:—

Grid-Anode (others earthed)	3.5 micro-microfarad approx.
Grid-other electrodes	5.0 ,, ,, ,,
Anode-other electrodes	2.7 ,, ,, ,,

For prices see pages 126–129.



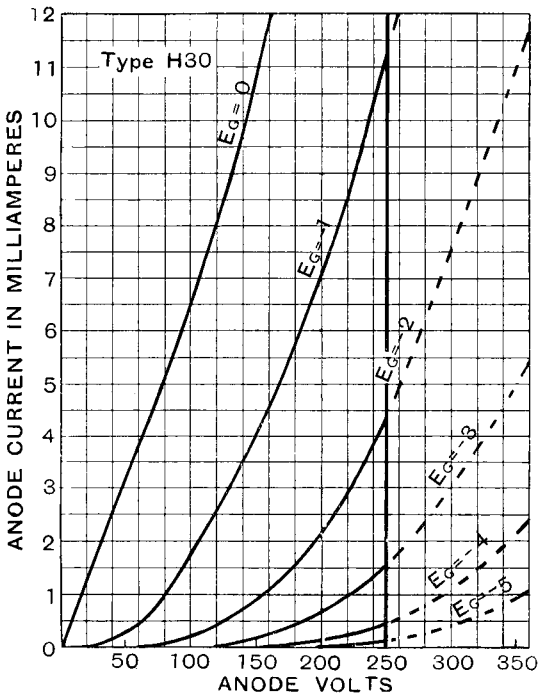
View looking on Underside of base.

BASE : H30, 7-pin	BASE : L30, 7-pin
1 : Metallising	1 : —
2 : —	2 : Grid
3 : —	3 : —
4 : Heater	4 : Heater
5 : Heater	5 : Heater
6 : Cathode	6 : Cathode
7 : Anode	7 : Anode
Top cap : Grid	

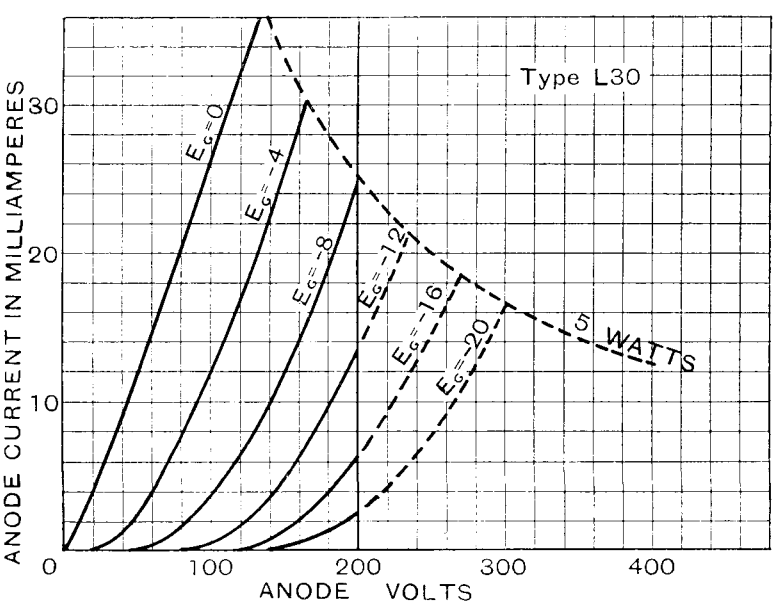
Type H30 has a carbonised bulb and can be supplied metallised if required.

Type L30 is supplied in clear bulb only.

TYPE H30



TYPE L30



CHARACTERISTIC CURVES OF AVERAGE VALVES.