HL.1320

AC/DC MAINS TRIODE

RATING.

Heater Voltage	13·0
Heater Current	0·2
Maximum Anode Volts	250
*Mutual Conductance...	3·0
*Amplification Factor	30
*Anode A.C. Resistance	10,000

*At Ea=100 ; Eg=0.

INTER-ELECTRODE CAPACITIES.

Anode to Cathode	5·25 $\mu\mu$F.
Grid to Cathode	5·0 $\mu\mu$F.
Anode to Grid	2·5 $\mu\mu$F.

DIMENSIONS.

Maximum Overall Length	125 mm.
Maximum Diameter	39 mm.

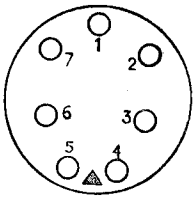
GENERAL.

The HL.1320 is an indirectly heated triode for use in D.C., A.C./D.C., or car radio receivers. The valve has been specially designed for use as a detector, amplifier, or oscillator. The bulb is metallised, and the valve is fitted with a standard 7-pin base, the connections to which are given overleaf.

APPLICATION.

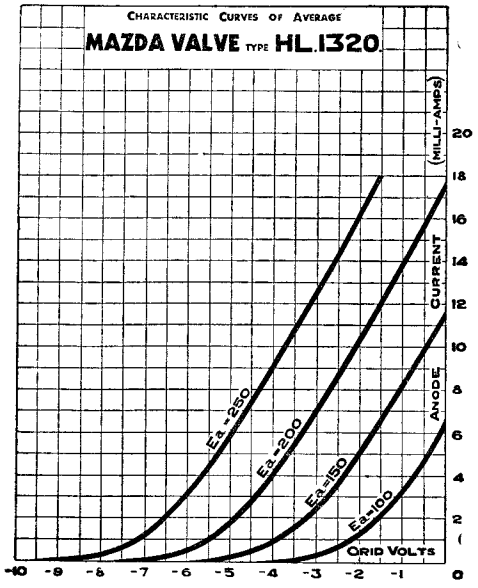
The HL. 1320 may be used as an A.F. amplifier either with R.C. or transformer coupling, or as an oscillator where a high mu triode is required. The heater is designed for series operation, the normal current being 0·2 ampere, and it may also be used on a 12 volt battery in a car radio receiver.

BASING.



Viewed from the free end of the base.

PIN No.	1.	Metallising.
	2.	—
	3.	—
	4.	Heater.
	5.	Heater.
	6.	Cathode.
	7.	Anode.
Top Cap.		Control Grid.



Mazda Radio Valves are manufactured in Great Britain for the British Thomson-Houston Co. Ltd., London and Rugby.