



H. 141 D

BATTERY (DRY CELL) SINGLE DIODE TRIODE

RATING.

Filament Voltage ...	...	...	...	...	...	1.4
Filament Current (amp.) ...	...	...	...	...	...	0.05
Maximum Anode Voltage ...	...	...	...	...	...	90
*Mutual Conductance (mA/V) ...	...	...	...	...	...	0.48
*Amplification Factor ...	...	...	...	...	...	65
*Anode Current (mA) ...	...	...	...	...	...	0.33
Anode A.C. Resistance (ohms) ...	...	...	...	...	...	135,000

*At $E_a = 90$; $E_g = 0$.

TYPICAL OPERATION.

H.T. Voltage ...	...	...	...	...	...	82
Anode Load (ohms) ...	...	...	...	...	...	500,000
Anode Current (mA) (approx.) ...	...	...	...	...	...	0.065
Grid Resistance of following stage ($M\Omega$) ...	...	...	...	...	...	2.0
Voltage Amplification ...	...	...	...	...	...	35
† Grid Bias ...	...	...	...	...	...	0

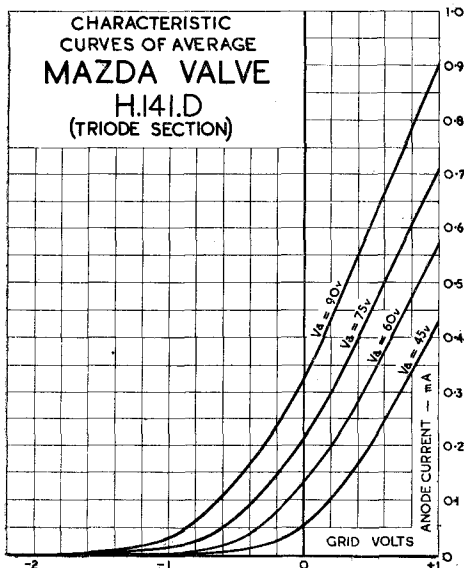
† Grid Bias must be obtained by a grid leak of 4-5 megohm returned to L.T.—ve. Diode Load should be returned to L.T.—ve.

INTER-ELECTRODE CAPACITIES.

Grid to Earth ...	1.8 $\mu\mu\text{F}$.	Diode to Earth ...	2.5 $\mu\mu\text{F}$.
Anode to Earth ...	6.0 $\mu\mu\text{F}$.	Diode to Grid ...	0.008 $\mu\mu\text{F}$.
Anode to Grid ...	2.3 $\mu\mu\text{F}$.	Diode to Anode ...	0.13 $\mu\mu\text{F}$.

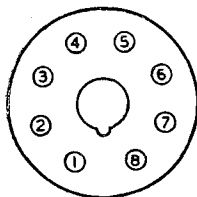
DIMENSIONS.

Maximum Overall Length ...	...	...	...	...	95 mm.
Maximum Diameter ...	...	...	...	...	32 mm.



BASING.

- Pin No. 1. F—ve.
 2. Omitted.
 3. Anode.
 4. —
 5. Diode.
 6. Metallising.
 7. Omitted.
 8. F+ve.
 Top Cap. Grid.



Viewed from the free end of the base.