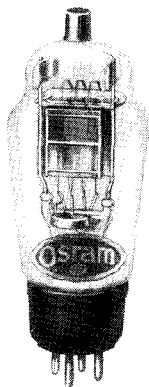


# Osram Valves

Made in England



*Maximum Dimensions :*  
Overall length (including pins)  
140 m/m.  
Diameter of bulb  
51 m/m.

## TYPE U17 RECTIFYING VALVE

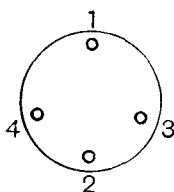
With Directly Heated Filament  
(Half Wave)

The OSRAM U17 is a high voltage Half Wave Rectifier capable of withstanding an anode voltage up to 2,500 volts R.M.S. and of giving an output of 30 mA. The type is suitable for supplying the voltages necessary for Cathode Ray Tube and associated circuits.

### CHARACTERISTICS.

|                                                           |    |    |    |    |    |    |    |    |                  |
|-----------------------------------------------------------|----|----|----|----|----|----|----|----|------------------|
| Filament Volts                                            | .. | .. | .. | .. | .. | .. | .. | .. | 4.0              |
| Filament Current                                          | .. | .. | .. | .. | .. | .. | .. | .. | 1.0 amp. approx. |
| Anode Volts R.M.S.                                        | .. | .. | .. | .. | .. | .. | .. | .. | 2,500 max.       |
| Rectified Current D.C. (smoothed with 1.0 mfd. condenser) | .. | .. | .. | .. | .. | .. | .. | .. | 30 mA. max.      |

For prices see  
pages 126-129.



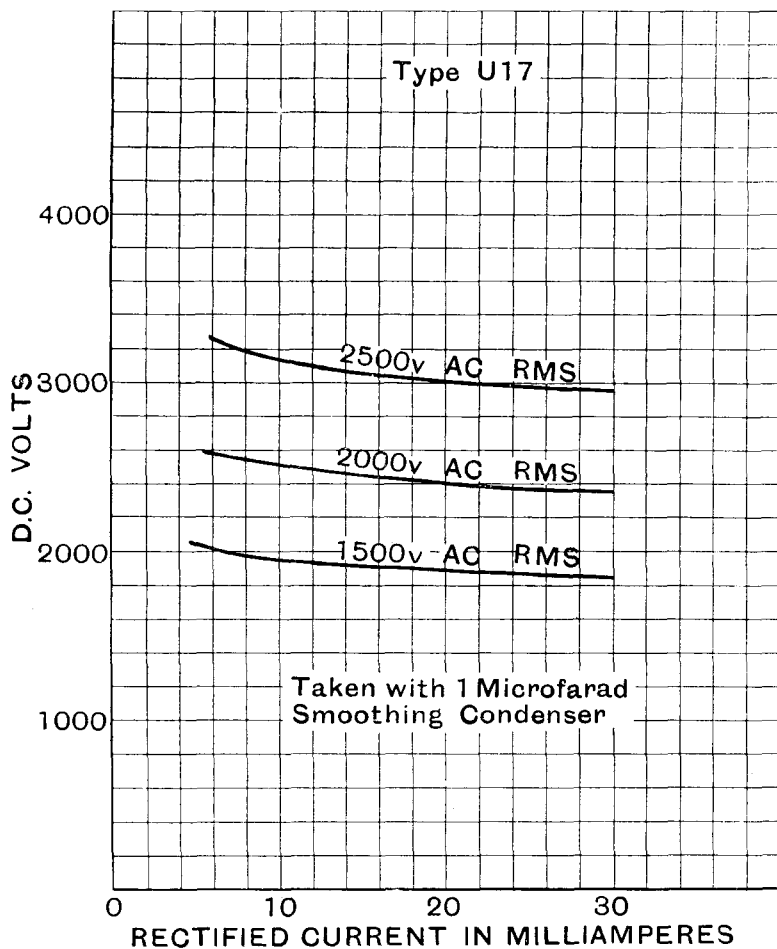
View looking on  
underside of base

**BASE, 4-pin.**  
Pin 1: —  
2: —  
3: Filament  
4: Filament  
Top Cap: Anode

### OPERATING CONDITIONS.

Care should be taken that the filament voltage is maintained at the rated value in order to secure a satisfactory life and under no circumstances must variation of the filament volts be used as a means of varying the output.

# TYPE U17



CHARACTERISTIC CURVES OF AVERAGE VALVE.