

U33

Osram

VALVES

U33 RECTIFIER

DESCRIPTION

Type U33 is a directly heated single phase half wave rectifier. It is suitable for use in the E.H.T. supply for cathode ray tubes.

RATINGS

Filament Voltage	...	...	...	...	...	...	2	volts
Filament Current	...	...	...	...	...	...	1	approx. amp
Peak Inverse Voltage	...	...	...	...	...	...	18	max. kV
D.C. Output Current	...	...	...	...	...	...	3	max. mA
Peak Anode Current	...	...	...	...	...	...	20	max. mA
Surge Anode Current	...	...	...	...	...	...	60	max. mA
Type of Switching	Direct	
Mounting Position	Any	

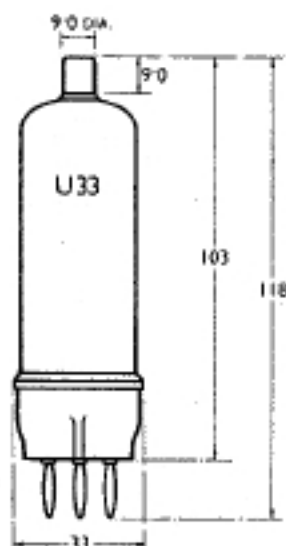
Capacitance :

Anode to Filament	2.5	max. pF
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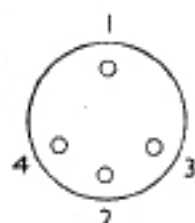
OPERATING CONDITIONS

	Capacitor Input, Single Phase Half-Wave Circuit							
Input Voltage, R.M.S.	6.3	kV
Peak Inverse Voltage	18	kV
D.C. Output Current	3	mA
D.C. Output Voltage	8	kV
Anode Current, R.M.S.	6.3	mA
Reservoir Capacitor	0.25	mfd
Source Resistance	0.1	megohm
Ripple	15	%

DIMENSIONS



BASE



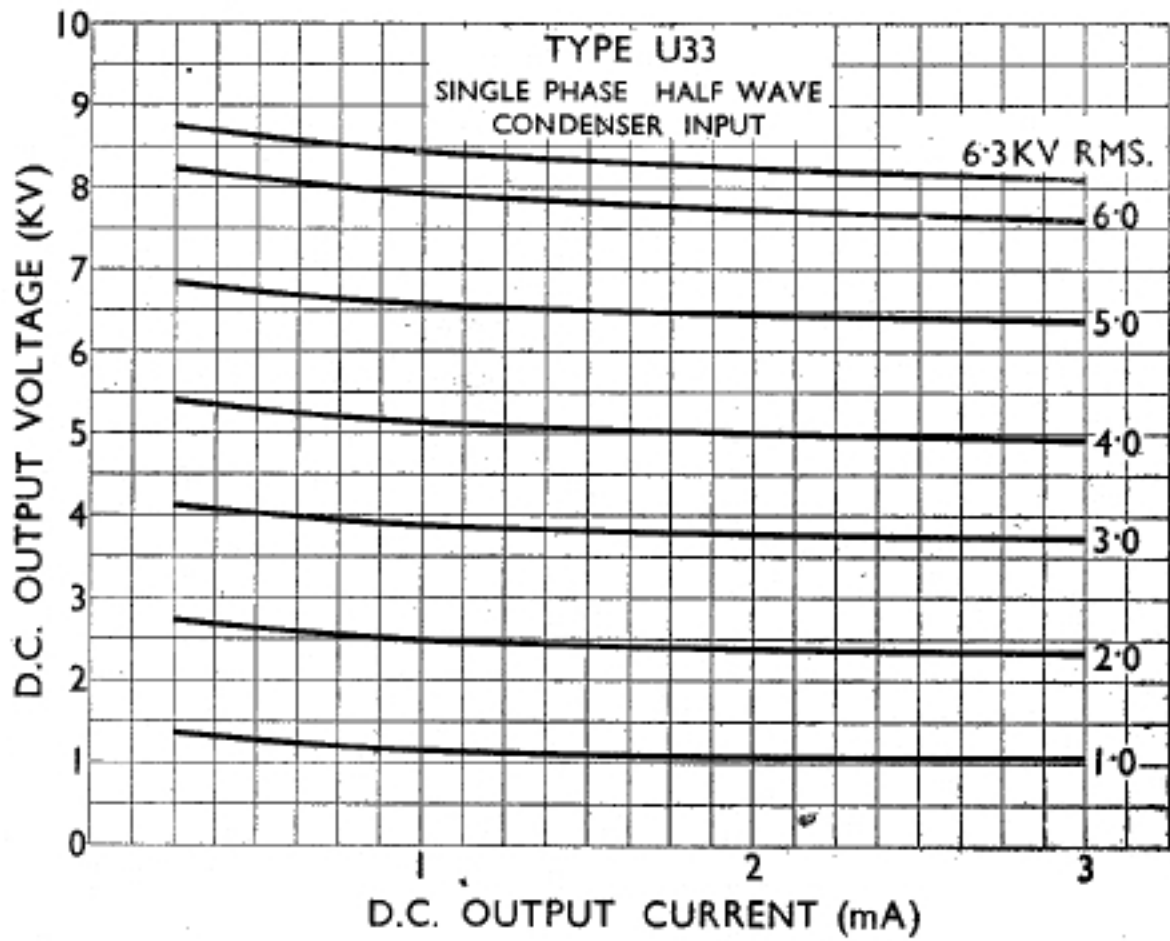
View looking on underside of base.

4-PIN BRITISH

- Pin 1: Not connected
 - Pin 2: Not connected
 - Pin 3: Filament
 - Pin 4: Filament
- Top Cap: Anode

All dimensions are in mm. and are the maximum except where otherwise stated.

TYPE U33



CHARACTERISTIC CURVES OF AVERAGE VALVE