

B36**B36 DOUBLE TRIODE****DESCRIPTION**

Type B36 is an indirectly heated double triode with separate cathodes. The valve is electrically interchangeable with the American type 12SN7GT.

RATINGS

Heater Current	...	...	...	...	...	...	...	0.3	amp
Heater Voltage	...	...	...	...	...	...	...	12.6	volts
each unit									
Anode Voltage	...	...	...	...	...	...	...	300	max. volts
Anode Dissipation	...	...	...	...	...	...	...	2.5	max. watts
Cathode Current	...	...	...	...	...	...	...	20	max. mA
D.C. Heater/Cathode Voltage	...	...	...	...	...	...	...	150	max. volts
Amplification factor*	...	...	...	...	...	...	...	20	
Impedance*	...	...	...	...	...	...	...	7,700	ohms
Mutual Conductance*	...	...	...	...	...	...	...	2.6	mA/V

* measured at $V_a = 250$; $V_{g1} = -8$.

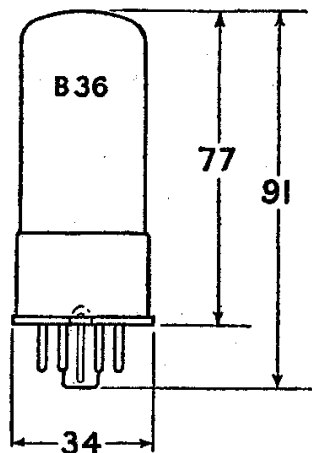
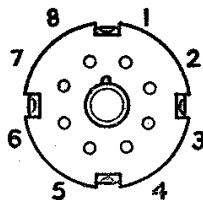
Capacitances :

	Triode'	Triode''	
Control Grid to Anode	4.5	4.5	approx. pF
Control Grid to Cathode	3.5	3.7	" "
Anode to Cathode	1.5	1.2	" "
Anode' to Anode''		1.0	" "

OPERATING CONDITIONS (each unit)**Class A Amplifier**

Anode Supply Voltage	...	...	...	...	...	250	250	volts
Cathode Voltage	...	...	...	...	...	2.52	1.46	volts
Anode Current	...	...	...	...	...	5.75	6.65	mA
Cathode Resistor	...	...	...	...	...	440	220	ohms
Anode Resistor	...	...	...	...	...	22,000	22,000	ohms
Stage Gain	...	...	...	...	...	15.5	16	
Peak Output Voltage	...	...	...	...	...	32	18.5	volts
Distortion	...	...	...	...	...	2	1	%

Under maximum rated conditions the D.C. resistance in the grid circuit must not exceed 1 megohm per unit.

DIMENSIONS**BASE**

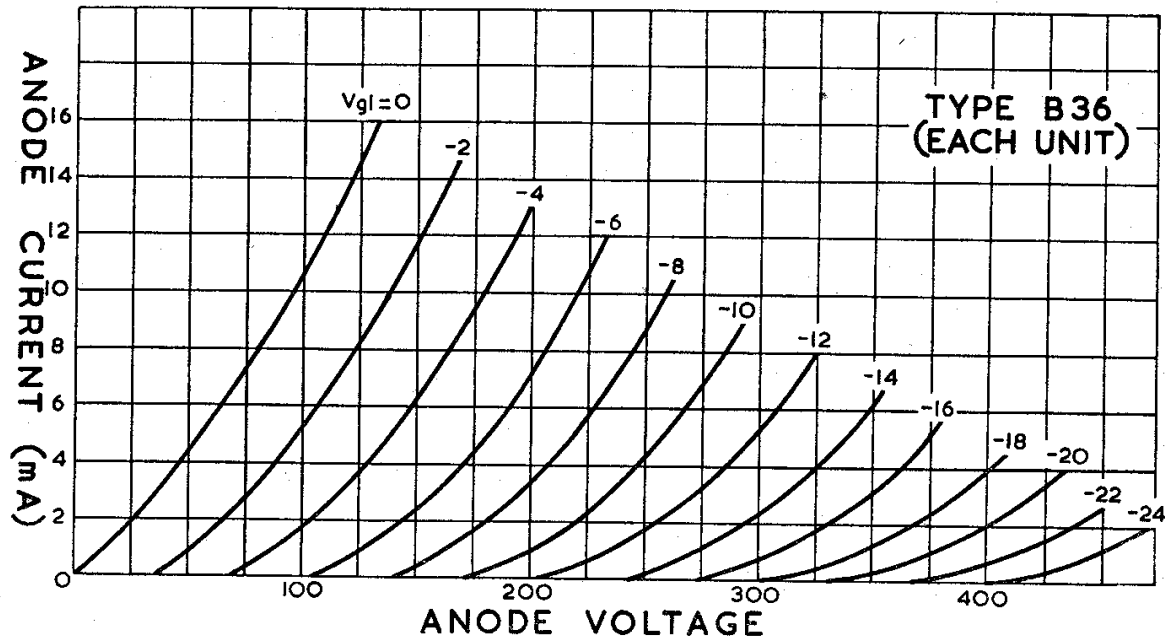
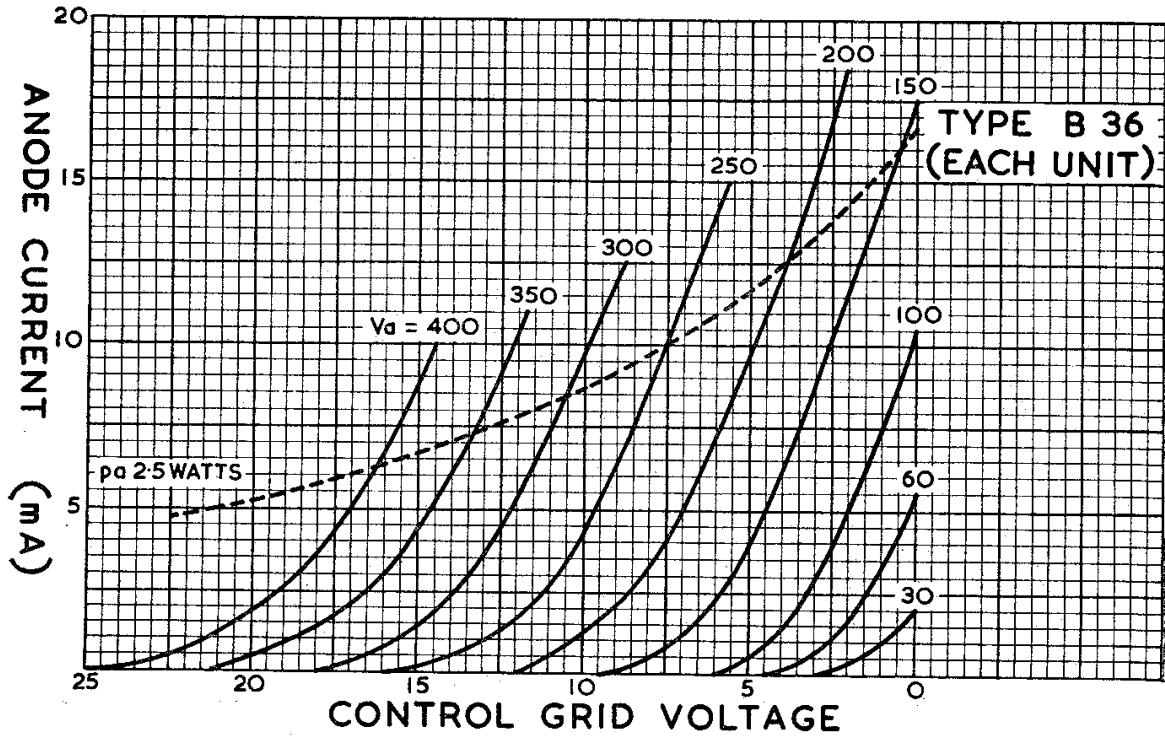
View looking on underside of base.

8-PIN OCTAL

- Pin 1: Control grid''
- 2: Anode''
- 3: Cathode''
- 4: Control grid'
- 5: Anode'
- 6: Cathode'
- 7: Heater
- 8: Heater

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

TYPE B36



CHARACTERISTIC CURVES OF AVERAGE VALVE.