

—Standard Valves—

4066-A
Valve

4066-A VALVE

PENTODE.

SPECIFICATION.

Cathode.

Indirectly heated oxide coated.
Constant voltage type.

Base.

Standard British 7-pin.

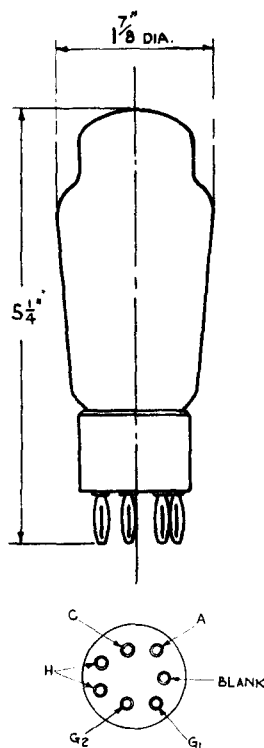
Dimensions.

Overall length	$5\frac{1}{4}"$ (13.3 cms.)
Maximum diameter	$1\frac{7}{8}"$ (4.7 cms.)
Net weight	0.13 lbs. (60 gms.)

Constants.

Heater voltage	4 volts
Nominal heater current	2 amps.
*Impedance	60,000 ohms
*Amplification factor	600
Grid-anode capacity	$1.6 \mu\mu\text{F.}$
Input capacity	$17.5 \mu\mu\text{F.}$
Output capacity	$10.3 \mu\mu\text{F.}$

* $V_p = V_{g_2} = 250$ volts, $V_{g_1} = -6$ volts.



LIMITING CONDITIONS FOR SAFE OPERATION.

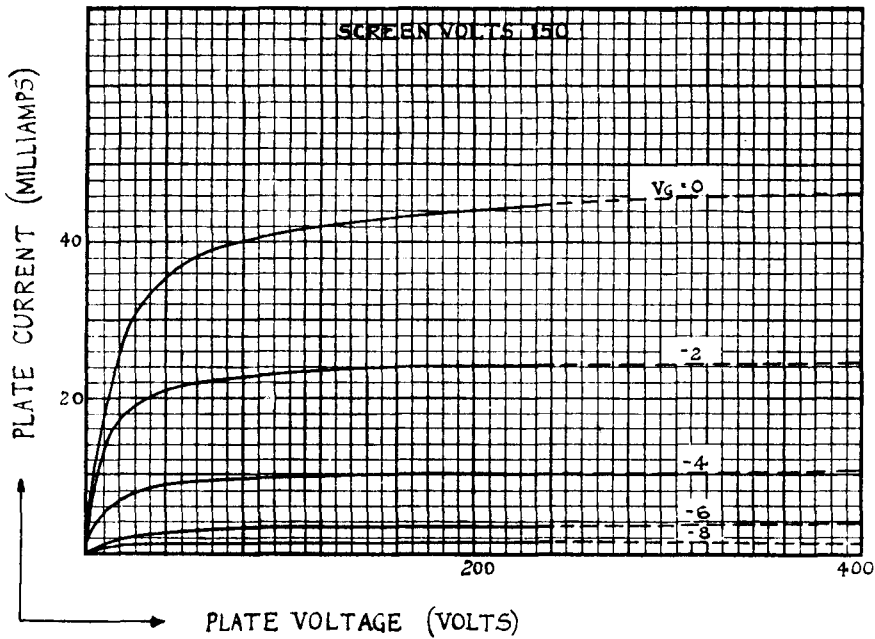
Maximum direct anode voltage	250 volts
Maximum direct anode current	40 mA.
Maximum screen voltage	250 volts

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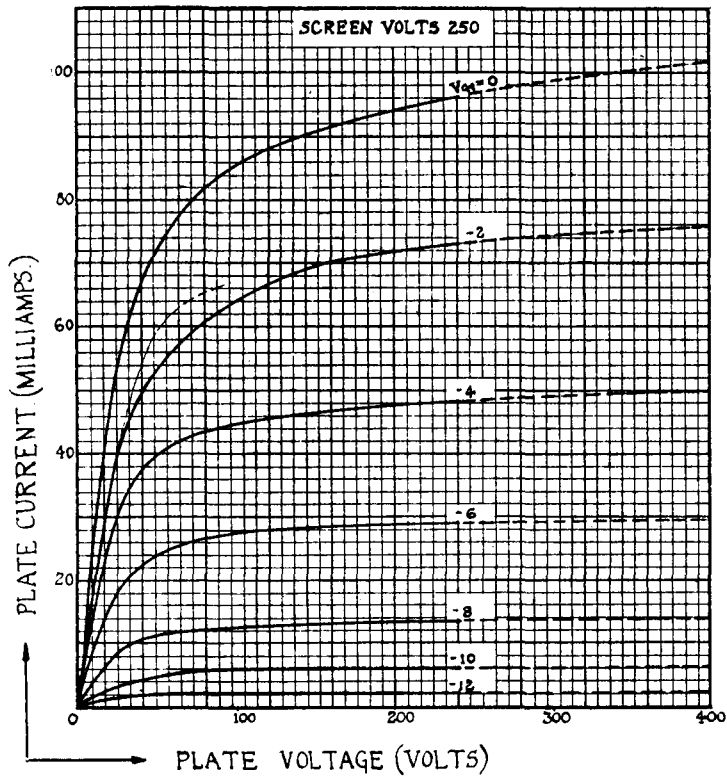
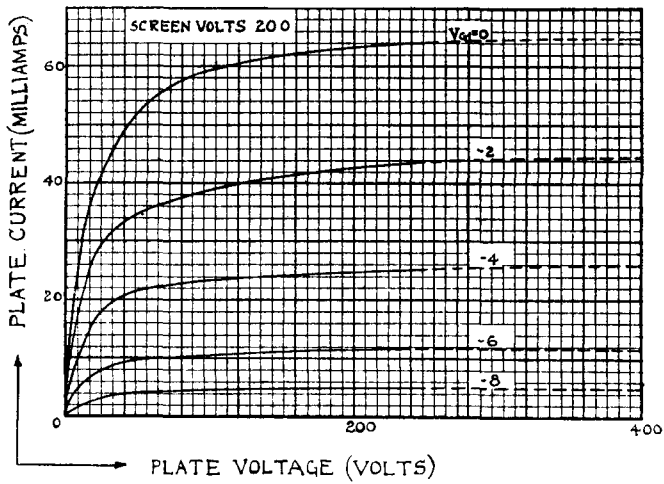
TYPICAL OPERATING CONDITIONS.

Anode voltage	250	200	150 volts
Control grid bias	—6	—4	—2 volts
Screen grid voltage	250	200	150 volts
Anode current	29	24.5	23 mA.
Anode resistance	60,000	80,000	100,000 ohms
Load	3,900	5,800	9,000 ohms
Output	2.75	1.45	0.75 watts
2nd harmonic—%	10	9.3	2
—db	20	21	34



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