

—Standard Valves—

VALVE TYPE 3B/200-B

(Previously coded VLS.417-B valve).

TRIODE.

SPECIFICATION.

Cathode.

Oxide coated filament.
Constant voltage type.

Base.

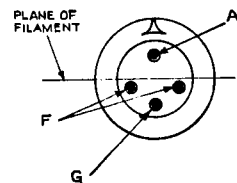
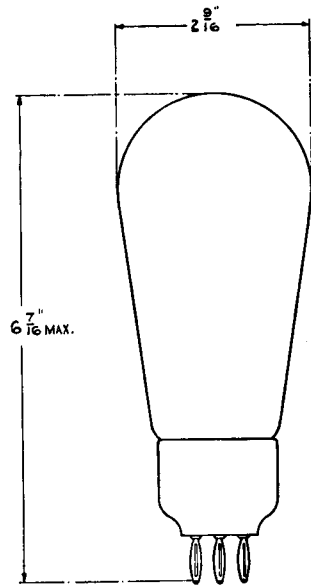
Standard British 4 pin.

Dimensions.

Max. Overall length $6\frac{7}{16}$ " (16.3 cms.)
Bulb diameter $2\frac{9}{16}$ " (6.5 cms.)
Net weight $\frac{3}{8}$ lb. (170 gms.)

Constants.

Filament voltage 6 volts
Nominal filament current 1.1 amps.
*Amplification factor 25
*Mutual conductance 5 mA.per volt
*Impedance 5,000 ohms.
Grid-anode capacity $9.9\ \mu\mu\text{F}$.
Grid-filament capacity $7.5\ \mu\mu\text{F}$.
Anode-filament capacity $5.7\ \mu\mu\text{F}$.
* at $V_p = 400$ volts, $I_p = 50$ mA.



LIMITING CONDITIONS FOR SAFE OPERATION.

Maximum direct anode voltage	600 volts
Maximum anode dissipation	20 watts
Maximum direct anode current	135 mA.
Maximum frequency for above ratings	2 Mc.
Maximum direct anode voltage for frequency of 10 Mc.	500 volts

Tentative data

W.3B/200-B.1
March, 1939

