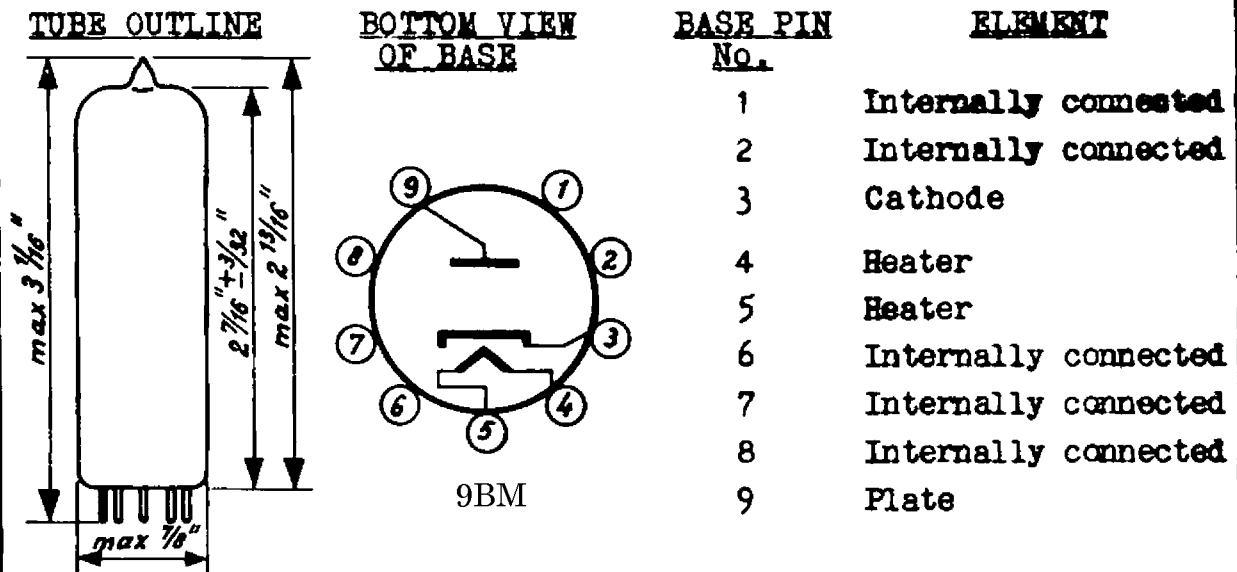


DATA FOR R.E.T.M.A. REGISTRATION

Page 1 of 3
August 29, 1957

TUBE TYPE brought by **ROGERS MAJESTIC ELECTRONICS Ltd.**
 55N3 11-19 Brentcliffe Road
 Leaside (Toronto 17) Ontario.

DESCRIPTION: Half-wave high-vacuum rectifying tube; heater type (A.C. or D.C.); T6½ bulb; body length 2 13/16" max; E9-1 base

**HEATER DATA**

Heater voltage	55 volts
Heater current	100 mamps

RATINGS (Design center values)

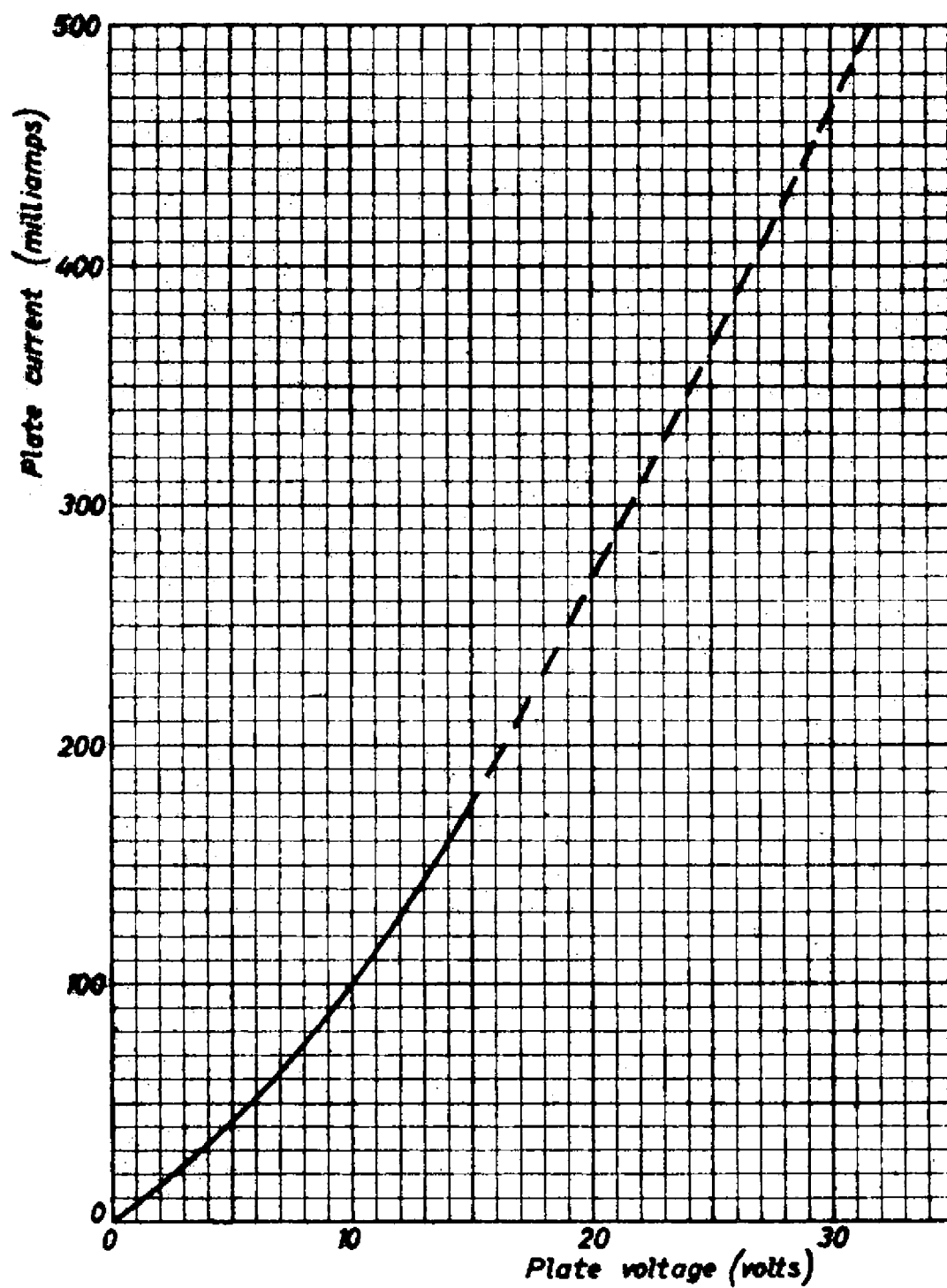
Peak inverse plate voltage	700 volts max.
Peak plate current	1100 ma max.
D.C. output current	180 ma max.
Filter input capacitor	60 μ F ¹⁾ max.
Heater-cathode voltage (peak value, cathode positive with respect to heater)	550 volts max.
D.C. component of heater-cathode voltage	250 volts max.
A.C. component of heater-cathode voltage	220 volts (RMS) max.
A.C. input voltage	250 240 220 200 127 volts (RMS)
Total effective plate supply resistance	100 80 40 30 0 ohms min.

¹⁾ See page 2

OPERATING CONDITIONS

A.C. input voltage	250	240	220	200	127 volts (RMS)
Filter input capacitor	60	60	60	60	60 μ F
Total effective plate supply resistance	125	105	65	30	0 ohm
D.C. output current	180	180	180	180	180 ma
D.C. output voltage	195	195	195	195	127 volts

¹) When two tubes are connected in parallel, the maximum value of the capacitor may be increased to 100 μ F. In this case each plate must have the minimum total effective supply resistance specified above



August 29, 1957

3.