

GM70

High-Power Low-Frequency Triode

Glass Tube

SPECIFICATION

Directly heated wolfram thoriated cathode

Heater voltage

20 V ac/dc

Heater current

3 A

Plate voltage

1500 V

Height, max

185 mm

Diameter, max

68 mm

Mass, max

280 g

Base

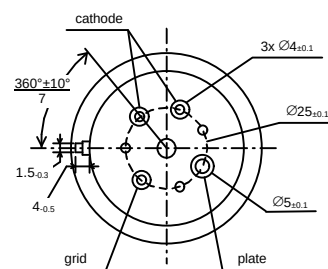
Special 4-pin

Mounting Position

Vertically only

Life time

1000 h



ELECTRICAL SPECIFICATION

Cathode current ($U_a=180V$, $V_g=180V$)

min 800 mA

Plate dissipation

125 W

Transconductance ($U_a=600V$, $I_a=160\&260mA$)

6 mA/V

Amplification factor ($U_a=1200\&1000V$, $I_a=125mA$)

6.7

Insulation resistance

> 20 M Ω

Inverse grid current

< 4 μA

CAPACITANCES

Grid to plate

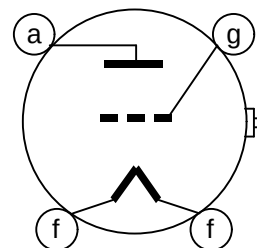
approx. 12 pF

Grid to cathode

approx. 8 pF

Plate to cathode

approx. 4 pF



a - anode

g - grid

f - cathode/filament

LIMITING VALUES OF OPERATING CONDITIONS

Heater voltage, max

20 V ac/dc

Heater voltage, min

19 V ac/dc

Plate voltage, max

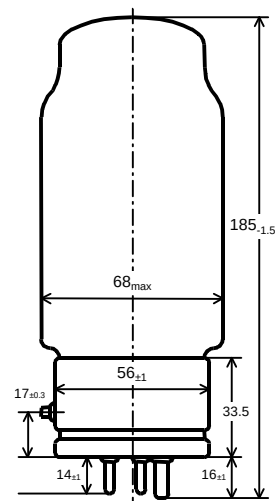
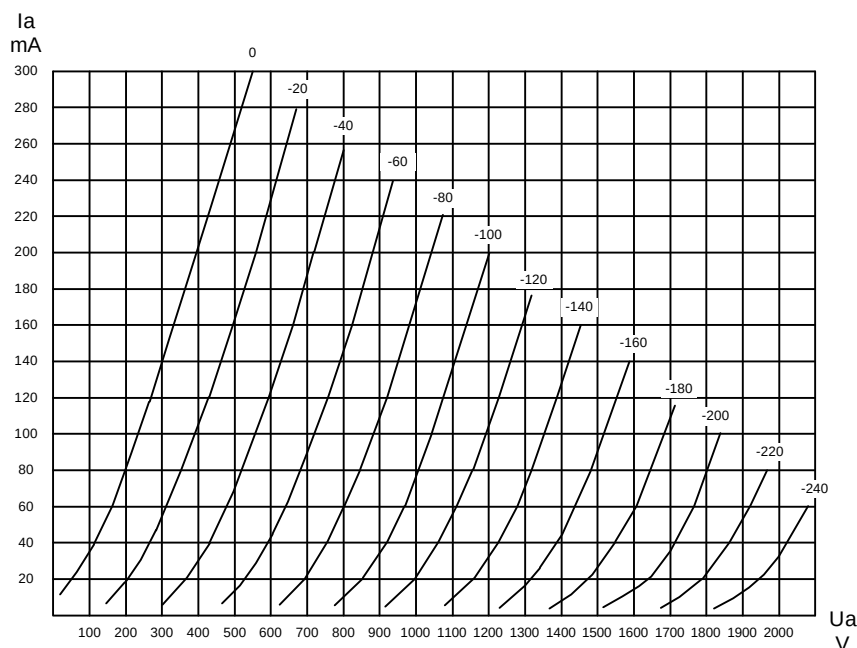
1500 V dc

Continuous plate dissipation, max

125 W

Plate dissipation for 1 minute, max

150 W



dimensions in mm