

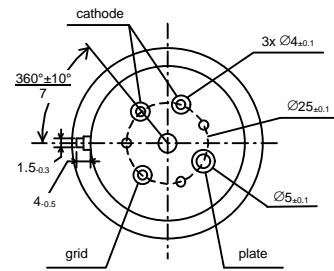
# GM70

## 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

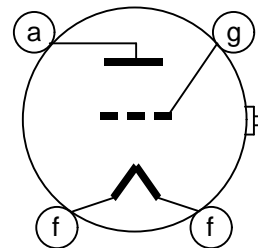


### ELECTRICAL SPECIFICATION

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 $\Omega$
Inverse grid current	< 4 $\mu A$

### CAPACITANCES

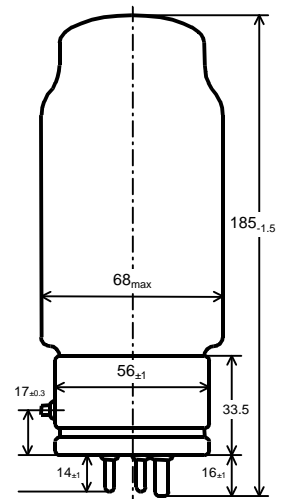
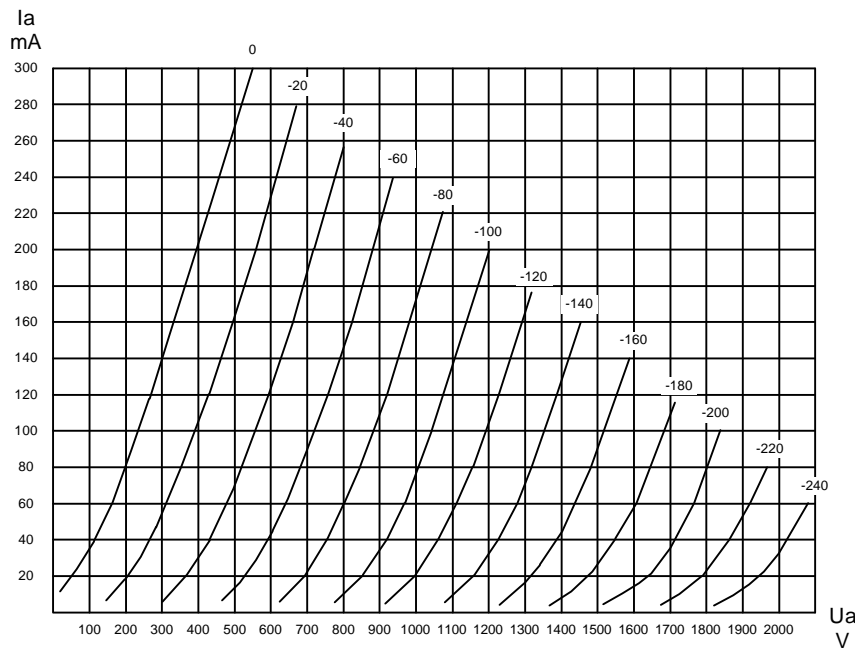
Grid to plate	approx. 12 pF
Grid to cathode	approx. 8 pF
Plate to cathode	approx. 4 pF



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