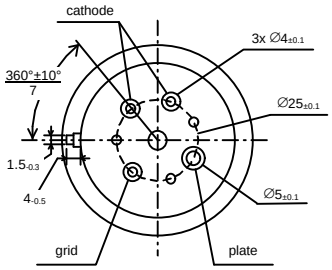
GM70
High-Power Low-Frequency Triode

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

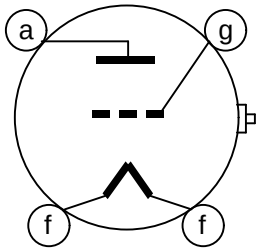


ELECTRICAL SPECIFICATION

Cathode current (Ua=180V, Vg=180V)	min 800 mA
Plate dissipation	125 W
Transconductance (Ua=600V, Ia=160&260mA)	6 mA/V
Amplification factor (Ua=1200&1000V, Ia=125mA)	6.7
Insulation resistance	> 20 MΩ
Inverse grid current	< 4 µA

CAPACITANCES

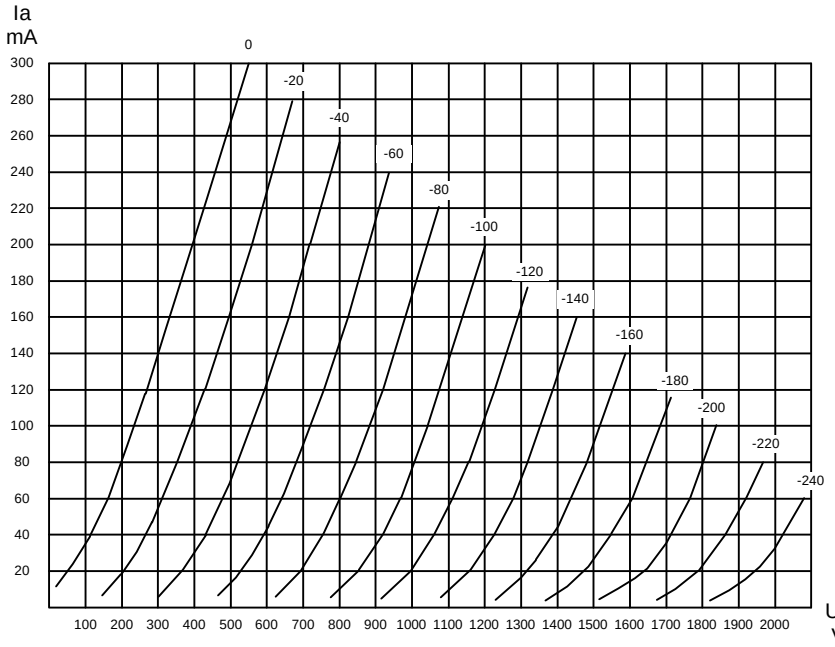
Grid to plate	approx. 12 pF
Grid to cathode	approx. 8 pF
Plate to cathode	approx. 4 pF

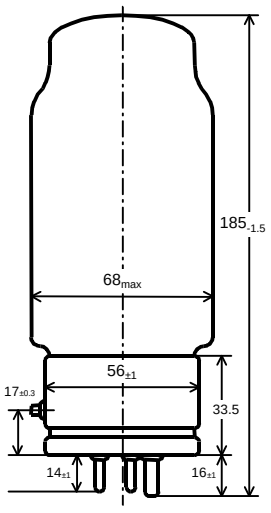


a - anode
g - grid
f - cathode/filament

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