

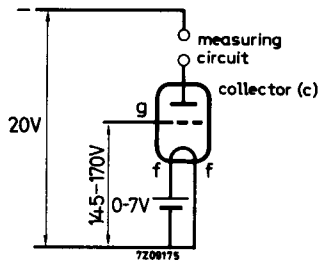
## VACUUM GAUGE HEAD , TRIODE TYPE

Glass envelope, high vacuum gauge head of the triode type (hot-cathode, ionization type). Measuring range  $10^{-3}$  to  $5 \times 10^{-8}$  torr, sensitivity 20 per torr.

### CHARACTERISTICS

Pressure range	$10^{-3}$ to $5 \times 10^{-8}$ torr
Sensitivity (for dry air)	20 per torr

### TYPICAL OPERATING CONDITIONS



### Grid current

above $10^{-4}$ torr	5 mA
below $10^{-4}$ torr	10 mA

### LIMITING VALUES

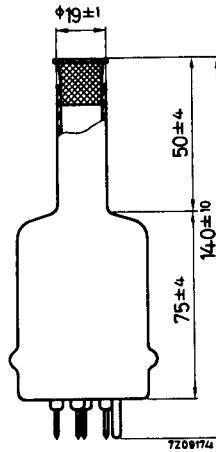
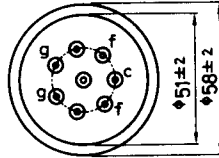
Pressure (filament litted)	max. $5 \times 10^{-3}$ torr
Filament voltage	max. 10 V
Bake-out temperature	max. 450 °C

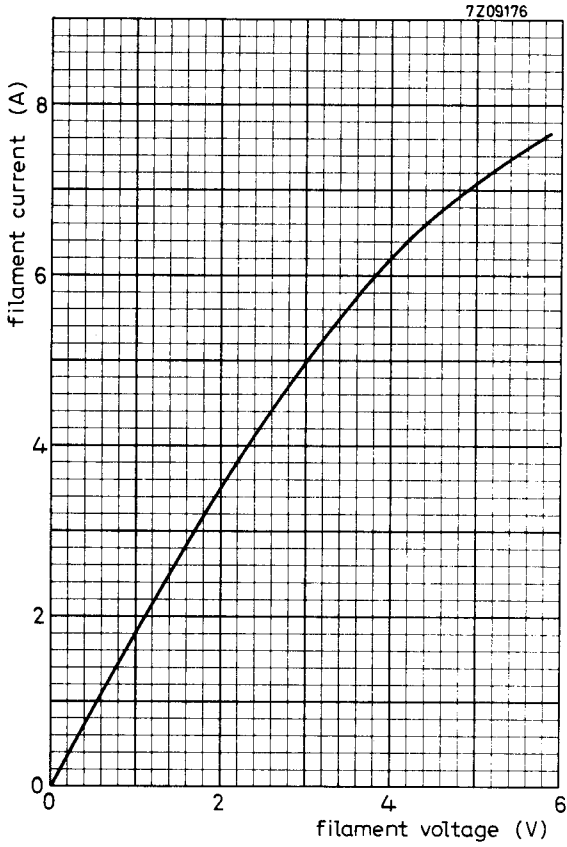
MECHANICAL DATA

Dimensions in mm

Material: W1 glass

foot made to B7A spec.





# PHILIPS

Data handbook



Electronic  
components  
and materials

**IOG71**

<b>page</b>	<b>sheet</b>	<b>date</b>
1	1	1970.01
2	2	1968.03
3	3	1968.03
4	FP	2001.05.17