SINGLE ANODE RECTIFYING TUBE

Single anode high vacuum rectifying tube.

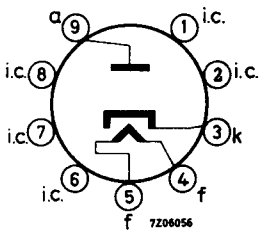
QUICK REFERENCE DATA			
Transformer voltage	V_{tr}	250	V_{RMS}
D.C. current	I_o	180	mA

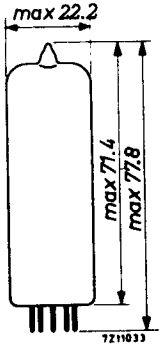
HEATING: Indirect by A.C. or D.C.; series supply

Heater current	I_f	300	mA
Heater voltage	V_f	19	V

DIMENSIONS AND CONNECTIONS Dimensions in mm

Base: Noval



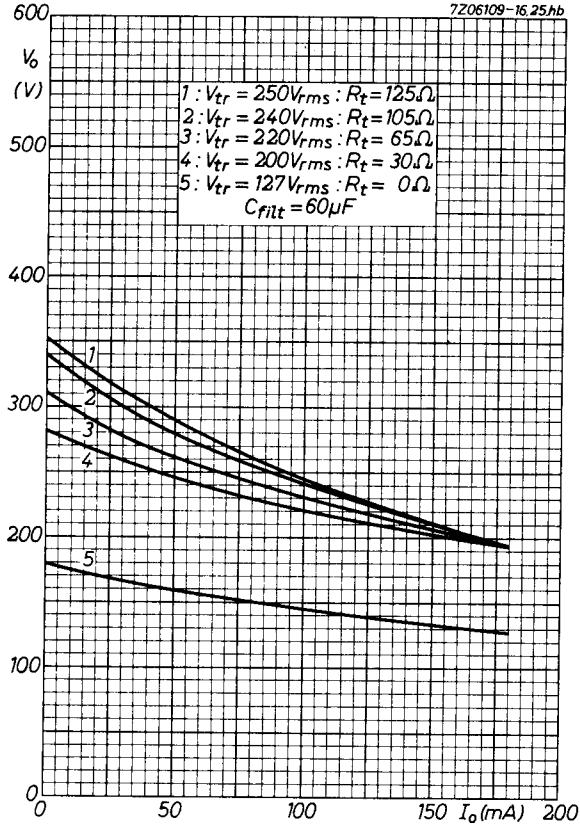


OPERATING CHARACTERISTICS as single-phase half-wave rectifier

Transformer voltage	V_{tr}	250	240	220	200	127	V_{RMS}
D.C. output voltage	V_o	195	195	195	195	127	V
D.C. current	I_o	180	180	180	180	180	mA
Protecting resistance	R_t	125	105	65	30	0	Ω
Input capacitance of smoothing filter	C_{filt}	60	60	60	60	60	μF

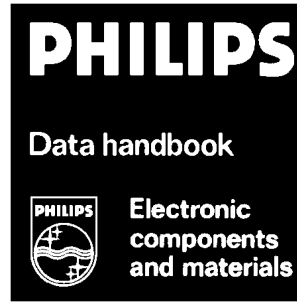
LIMITING VALUES (Design centre rating system)

Transformer voltage	V_{tr}	max.	250				V_{RMS}
Anode voltage, peak inverse	$V_{a_{invp}}$	max.	700				V
D.C. current	I_o	max.	180				mA
Cathode to heater voltage, peak	V_{kf_p}	max.	550				V [1]
Input capacitance of smoothing filter	C_{filt}	max.	60				μF [2]
Protecting resistance	R_t	min.	100	80	40	30	0 Ω
at transformer voltage	V_{tr}		250	240	220	200	127 V



[1]) Max. 220 V_{RMS} A.C. voltage + max. 250 $V_{D.C.}$ voltage. Cathode positive with respect to the heater.

[2]) When two tubes are placed in parallel, C_{filt} = max. 100 μF. The resistor R_t must be inserted in the anode lead of each tube.



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