DOUBLE ANODE RECTIFYING TUBE

Double anode high vacuum rectifying tube

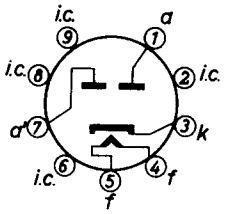
QUICK REFERENCE DATA			
Transformer voltage	V_{tr}	2x350	V_{RMS}
D.C. current	I_o	90	mA

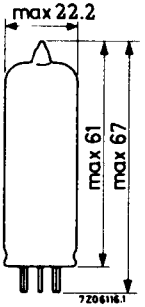
HEATING: Indirèct by A.C.; parallel supply

Heater voltage	V_f	6.3	V
Heater current	I_f	600	mA

DIMENSIONS AND CONNECTIONS Dimensions in mm

Base: Noval





OPERATING CHARACTERISTICS as two-phase half-wave rectifier

Transformer voltage	V_{tr}	2x250	2x275	2x300	2x350	V_{RMS}
D.C. output voltage	V_o	260	285	310	360	V
D.C. current	I_o	90	90	90	90	mA
Protecting resistance	R_t	2x125	2x175	2x215	2x300	Ω
Input capacitor of smoothing filter	C_{filt}	50	50	50	50	μF

LIMITING VALUES (Design centre rating system)

Transformer voltage	V_{tr}	max.	2x350	V_{RMS}		
D.C. current	I_o	max.	90	mA		
Cathode to heater voltage, peak, k pos	V_{kf_p}	max.	500	V		
Input capacitor of smoothing filter	C_{filt}	max.	50	μF		
Protecting resistance	R_t min.	2x125	2x175	2x215	2x300	Ω
at transformer voltage	V_{tr}	2x250	2x275	2x300	2x350	V_{RMS}

PHILIPS

Data handbook

Electronic components and materials

EZ80

page	sheet	date
1	1	1969.12
2	2	1969.01
3	FP	1999.03.19