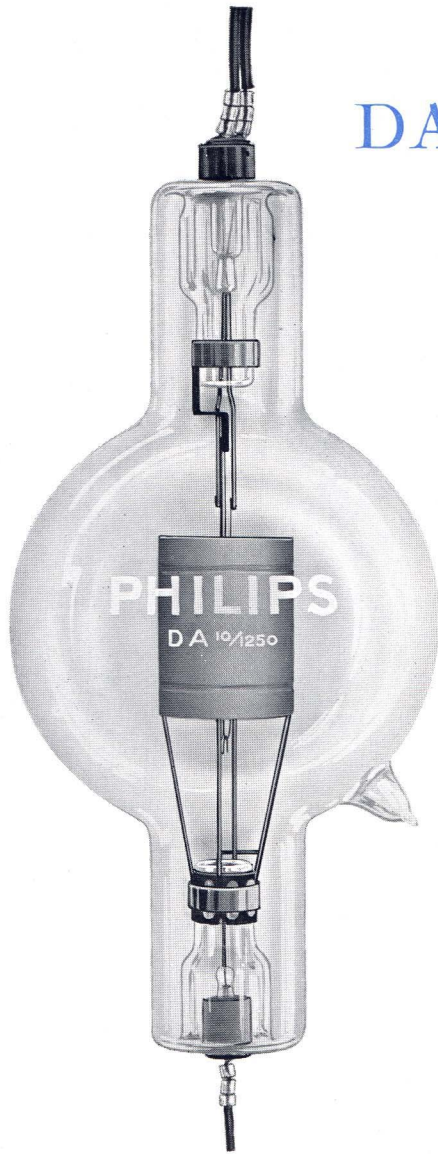# PHILIPS RECTIFYING VALVE

DA $^{10}/_{1250}$

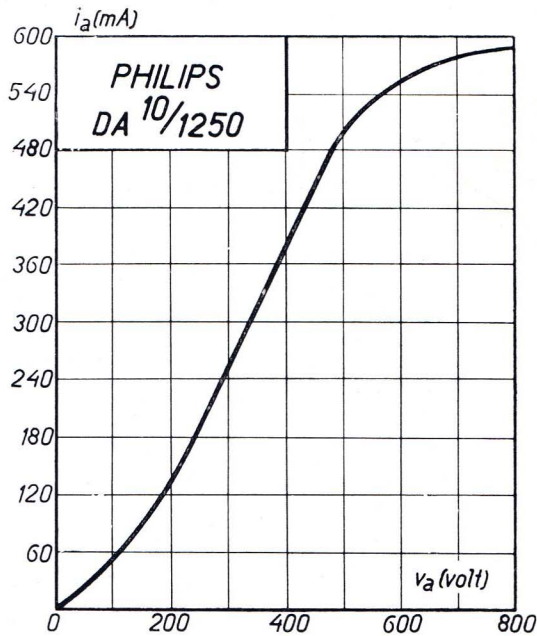$^1/_3$ of actual size

This valve is similar to type TA 10/1250 with the exception that it has no grid. For the anode current supply of a transmitting valve TA 10/1250 at least two rectifying valves DA 10/1250 are necessary.

The A.C. anode voltage and D.C. voltage can vary from 4000—12000 volts.

PHILIPS RECTIFYING VALVE

DA $^{10}/_{1250}$

$i_a(mA)$

PHILIPS
DA $^{10}/_{1250}$

v_a (volt)

Filament voltage	v_f	= ca. **15** V
Filament current	i_f	= ca. **9·5** A
Total emission	i_s	= **600** mA
Anode dissipation	w_a	= **400** W
Anode dissipation on test	w_{at}	= **500** W
R.M.S. value of the anode voltage	v_{eff}	= **4000-12000** V
D.C. voltage	v_a	= **4000-12000** V
Mean direct current	i_a	= **125** mA
Output at a D.C. voltage of 10000 V	w_o	= **1250** W
Saturation voltage	v_s	= **600** V
Internal resistance	R_i	= ca. **1000** Ω
Largest diameter	d	= **170** mm
Total length	l	= **350** mm