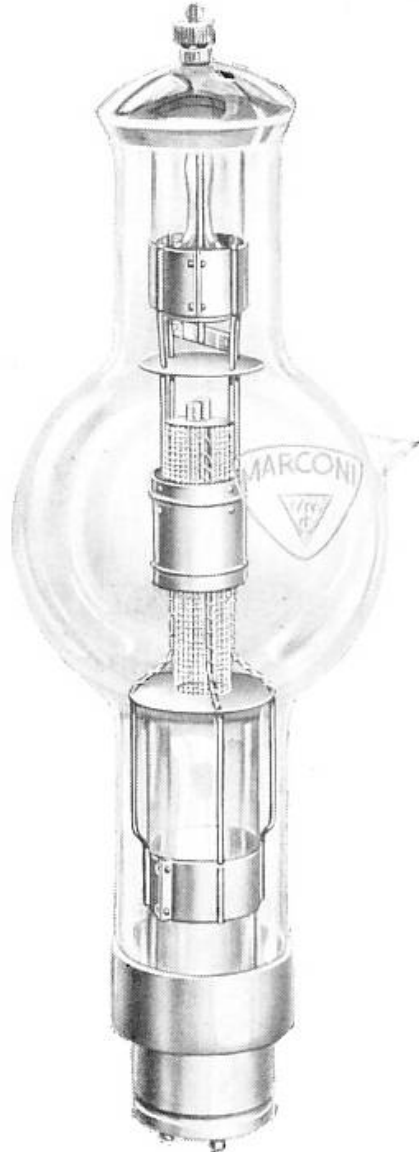


Transmitting Valve

TYPE D.E.S.1

(Dull Emitter type—Molybdenum Electrodes)



3686

(Approximate overall dimensions : 400 × 125 m/m.)

A four electrode transmitting valve of the screen grid type.

When used in a suitable circuit under oscillating conditions on a telegraphic load at wavelengths not less than 100 metres, the input should not exceed 75 milliamperes mean anode current at 2,000 anode volts D.C.

At lesser wavelengths the input must be reduced, and at 15 metres should not exceed 125 watts.

Maximum continuous anode dissipation 75 watts.

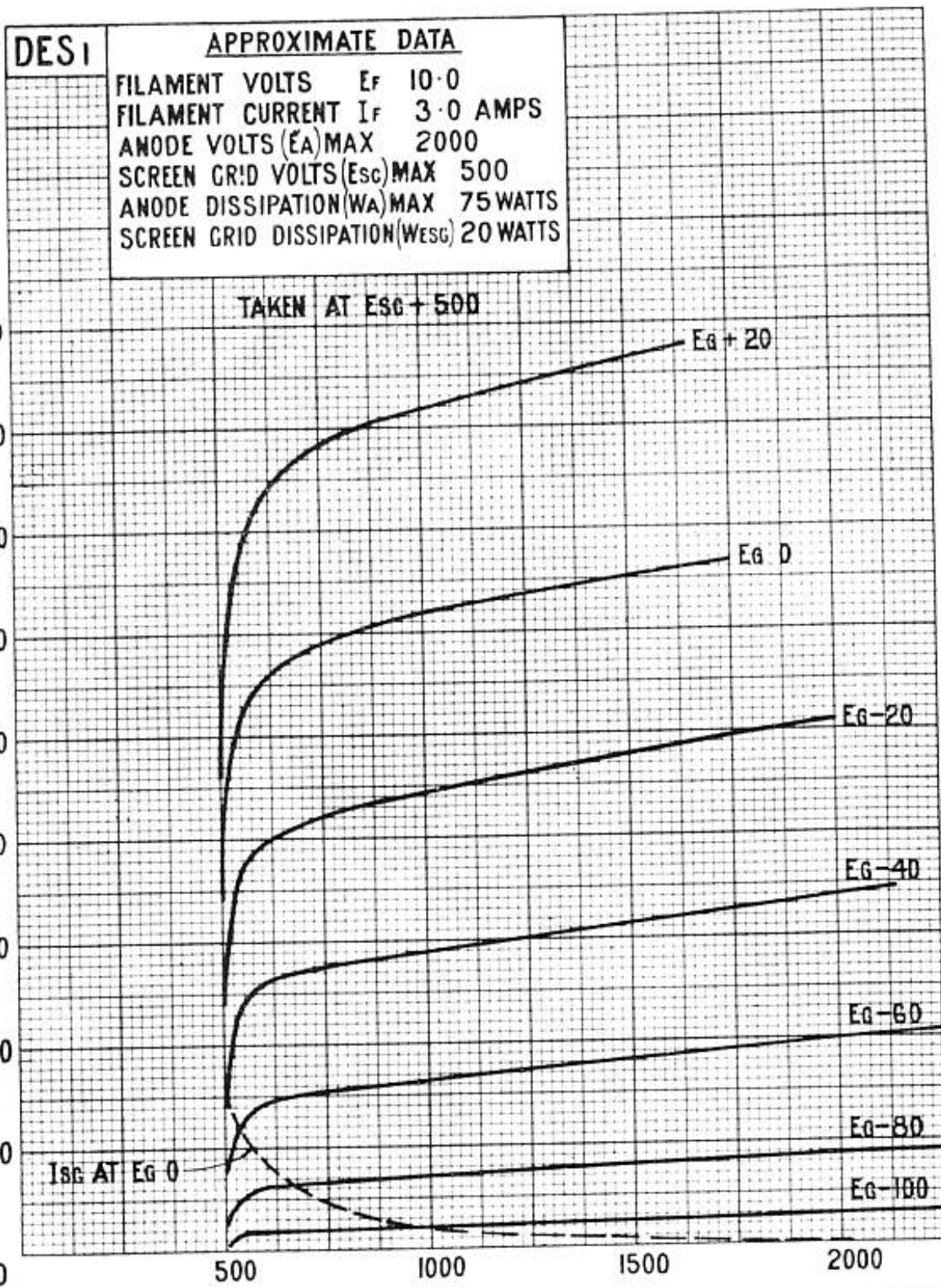
Maximum continuous screen grid dissipation 20 watts.

Maximum continuous grid dissipation 10 watts.

Approximate Data :

Filament volts	...	...	10.0	Anode volts (max.) D.C.	...	2,000
Filament current (amps.)	...	...	3	Screen volts (max.) D.C.	...	500

Code Word : IWBIO



3687

Anode potential in volts.

Characteristic Curves of Average Valve.

D.E.S. I