Transmitting Valve

TYPE A.C.T.5

(Air-Cooled-Anode Oxide Coated Filament Type).

3900

(*Approximate overall dimensions :* 142 × 37 *m/ms.*)

A low power air-cooled-anode transmitting valve with an oxide coated filament. In operation free air circulation is required.

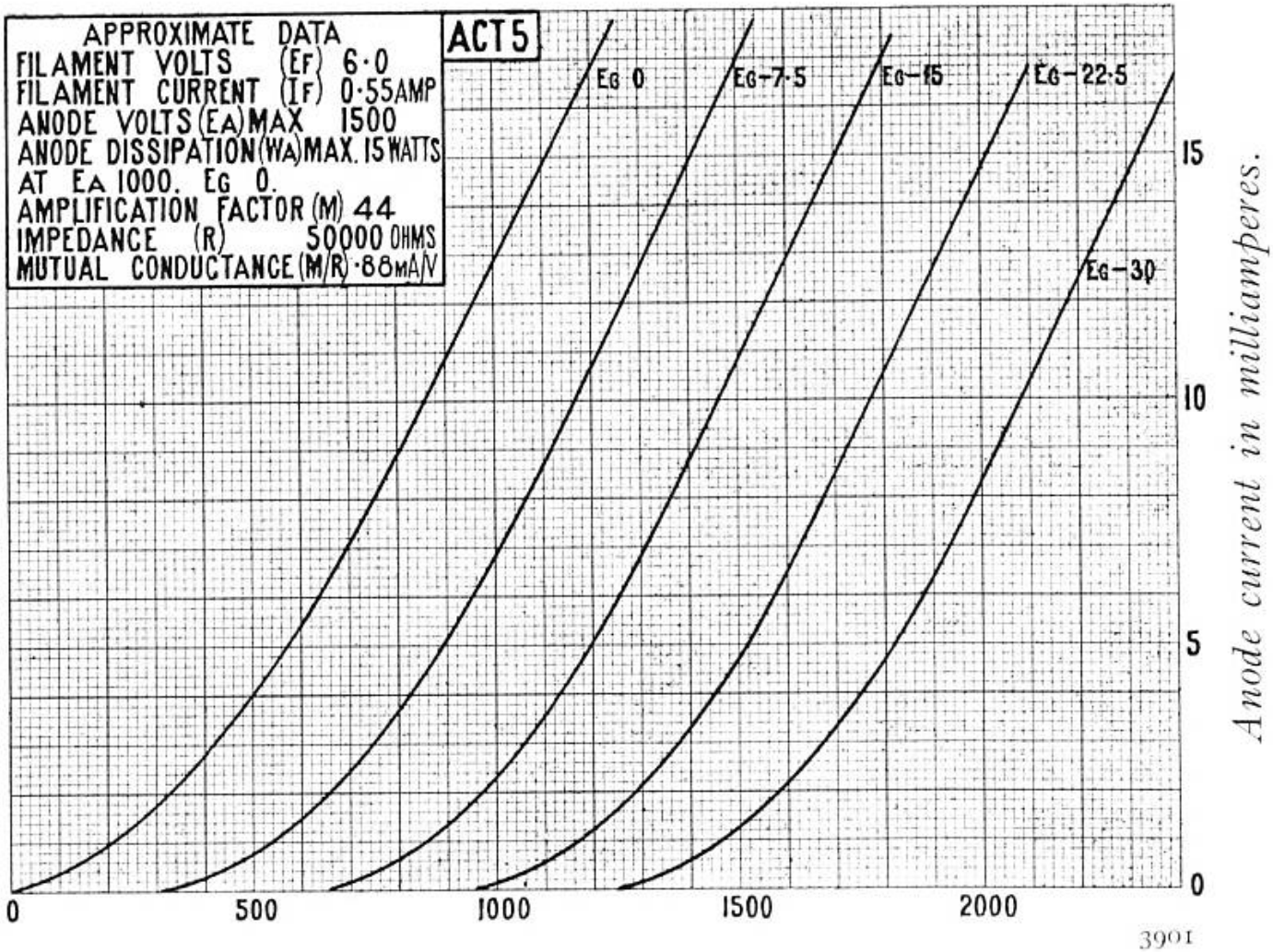
Used in a suitable circuit as an unmodulated Class C amplifying valve the normal input is 40 milliamperes mean anode current at 1,500 anode volts D.C., at wavelengths not less than 100 metres. At lower wavelengths the input must be reduced, and at 15 metres should not exceed 30 milliamperes at 1,000 anode volts D.C.

Continuous anode dissipation permissible under oscillatory conditions 15 watts.

Approximate Data :

Filament volts	6.0	*Amplification factor ..	44
Filament amperes	0.55	*Impedance (ohms) ..	50,000
Anode volts max. (D.C.) ..	1,500		

* *Taken about anode volts* 1,000 *and grid volts* 0.



Characteristic Curves of Average Valve.

TYPE A.C.T.5