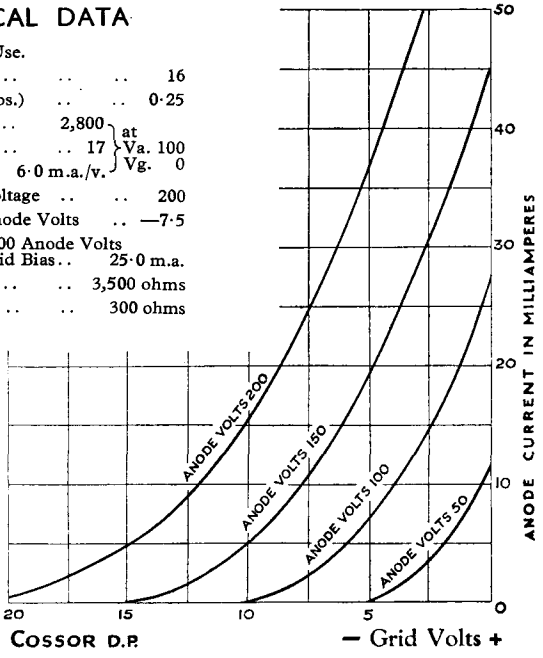
COSSOR D.P.

16-VOLT ·25 AMP. INDIRECTLY HEATED MAINS POWER OUTPUT

The Cossor D.P. is characterised by an exceptionally high value of mutual conductance, which reaches the high figure of 6·0; consequently the valve possesses a degree of sensitivity that is very high for a triode valve.

The D.P. is very suitable as a power grid or anode bend detector when the amplification of the preceding stages is such that the voltage developed across the grid-cathode circuit of the detector valve has too high an amplitude to allow a valve of higher impedance to be used and thus avoiding distortion resulting from overload.

TECHNICAL DATA

For Normal Power Use.		
Heater Voltage	.. .. ..	16
Heater Current (Amps.)	.. ..	0·25
Impedance (ohms)	.. 2,800	at
Amplification Factor	 17	Va. 100
Mutual Conductance	6·0 m.a./v.	Vg. 0
Maximum Anode Voltage	.. ..	200
Grid Bias for 200 Anode Volts	..	—7·5
Anode Current for 200 Anode Volts with —7½ volts Grid Bias	..	25·0 m.a.
Optimum Load	.. ..	3,500 ohms
Bias Resistance	.. ..	300 ohms