Repeater Triode

3A/144A

Replaces 4104D

3A/144AY is the 3A/144A tested to special limits for replacement purposes only

CATHODE.

Oxide-coated filament		
Current	1.0	A
Nominal voltage	4.5	V

RATING.

Amplification factor	Measured at Va 130V	2.3	
Impedance	Vg_1—20V	20,000	Ω

DIRECT INTER-ELECTRODE CAPACITIES.

Grid to anode	6.8	pF
Grid to filament	5.8	pF
Anode to filament	5.5	pF

DIMENSIONS.

Maximum overall length	118	mm.
Maximum bulb diameter	46	mm.
Base : American medium 4 pin bayonet		
Net weight	60	g.

MAXIMUM RATINGS.

Maximum direct anode voltage	190	V
Maximum direct anode current	60	mA
Maximum anode dissipation	5	W

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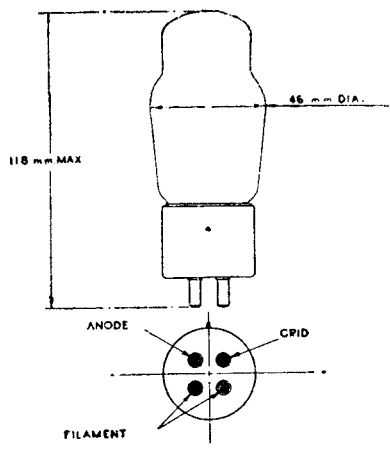
TYPICAL OPERATING CONDITIONS.

Anode voltage volts	Grid bias volts	Anode current mA	Anode resistance ohms	Load impedance ohms	Output watts	2nd Harmonic db below fundamental
130	—15	31.3	1,900	1,900	.090	27.6
				3,800	.078	28.4
				5,700	.065	26.6
130	—20	25.2	2,000	2,000	.135	25
				4,000	.126	28.2
				6,000	.103	28.4
130	—25	20.5	2,100	2,100	.190	25.6
				4.200	.167	28.2
				6,300	.145	30
160	—25	35	1,900	1,900	.230	27.8
				3,800	.177	31.4
				5,700	.170	33.2
160	—30	29	1,900	1,900	.300	26.2
				3,800	.284	27.2
				5,700	.236	30.2



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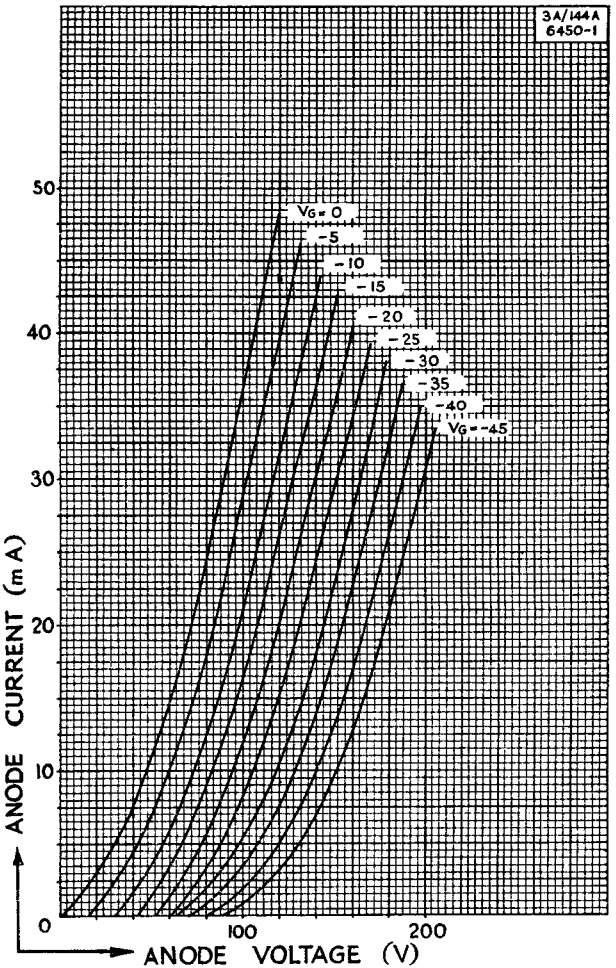
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