



GENERAL DATA

DATA

2A3



2A3 POWER TRIODE

PUSH-PULL AMPLIFIER - Class AB₁

Maximum Ratings, Design-Center Values:

PLATE VOLTAGE.	300 max.	volts
PLATE DISSIPATION.	15 max.	watts

Typical Operation:

Values are for 2 tubes

Fixed Cathode
Bias Bias

Plate Voltage.	300	300 •	volts
Grid Voltage*	-62	-	volts
Cathode-Bias Resistor.	-	780	ohms
→ Peak AF Grid-to-Grid Voltage	124	156	volts
→ Zero-Signal Plate Current.	80	80	ma.
→ Max.-Signal Plate Current.	147	100	ma.
Effective Load Resistance (plate to plate)	3000	5000	ohms
Total Harmonic Distortion.	2.5	5.0	%
Power Output	15	10	watts

Maximum Circuit Values:□

Grid-Circuit Resistance. . .	{ fixed bias 0.05 max. megohm cathode bias 0.5 max. megohm
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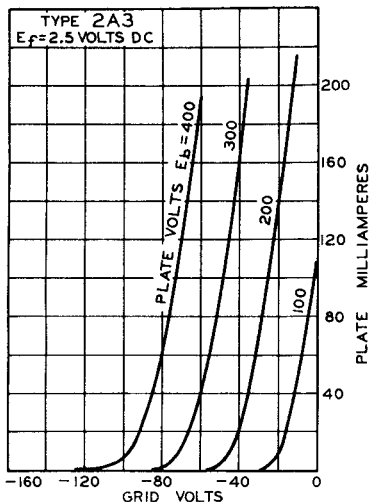
* Grid voltage referred to mid-point of ac-operated filament.

▲ When a single 2A3 is operated cathode-biased, the cathode-biasing resistor value should be 750 ohms.

□ The type of coupling used should not introduce too much resistance in the grid circuit. Transformer or impedance-coupling devices are recommended.

• For zero-signal conditions.

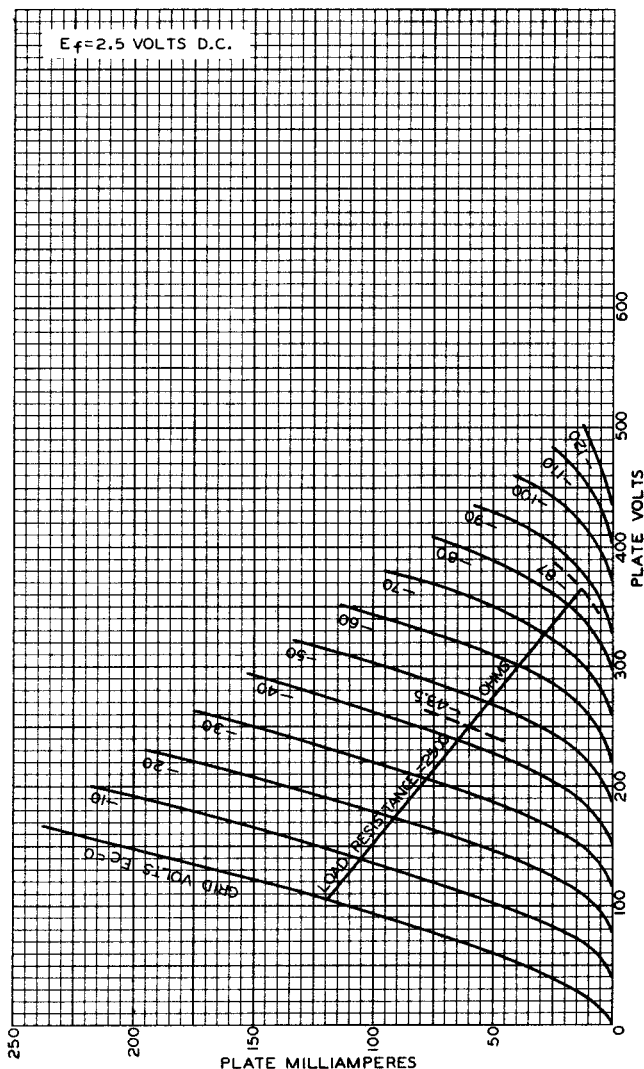
AVERAGE CHARACTERISTICS



→ Indicates a change.

92CM-5328T

AVERAGE PLATE CHARACTERISTICS

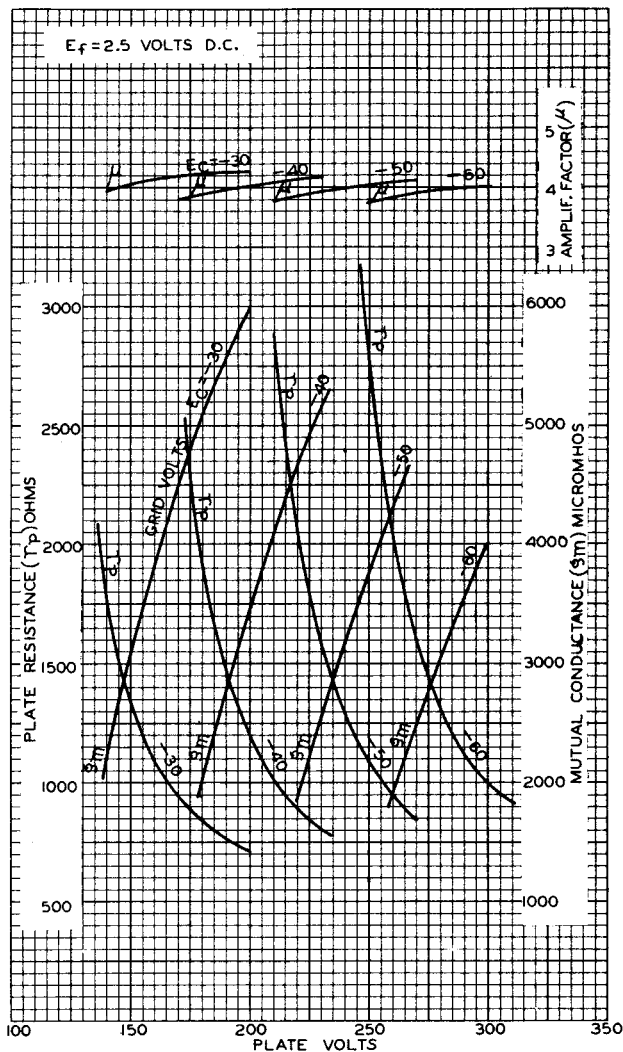


2A3


Cunningham
Radiotron


RCA-2A3

AVERAGE CHARACTERISTICS



JUNE 12, 1933

RCA RADIOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

925-5326R1