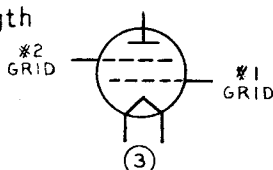


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DUAL-GRID POWER AMPLIFIER

Filament	Coated	
Voltage	2.0	d-c volts
Current	0.120	amp.
Maximum Overall Length		4-11/16"
Maximum Diameter		1-13/16"
Bulb		ST-14
Base		Medium 5-Pin



Pin 1-Filament+
Pin 2-Plate
Pin 3-Grid #1

Pin 4-Grid #2
Pin 5-Filament-

BOTTOM VIEW

CLASS B POWER AMPLIFIER

Grids #1 & #2 connected together at socket

Plate Voltage	180 max.	volts
Peak Plate Current	50 max.	ma.
Typical Operation (2 tubes):		
Filament	2.0	2.0 volts
Plate	135	180 volts
Grid (#1 & #2 tied together)	0	0 volts
Zero-Sig. Plate Cur. (per tube)	1.3	2 ma.
Load Resistance (per tube)	2000	3000 ohms
Effective Load Resistance		
(plate to plate)	8000	12000 ohms
Power Output (2 tubes)	2.3	3.5 approx.watts

CLASS A AMPLIFIER

Grid #2 connected to plate at socket

Operating Conditions and Characteristics:

Filament	2.0	volts
Plate	135 max.	volts
Grid (#1 only)	-20	volts
Amp. Fact.	4.7	
Plate Res.	4175	ohms
Mut. Cond.	1125	μmhos
Plate Cur.	6.0	ma.
Load Res.	11000 *	ohms
Power Output	0.170	approx.watts

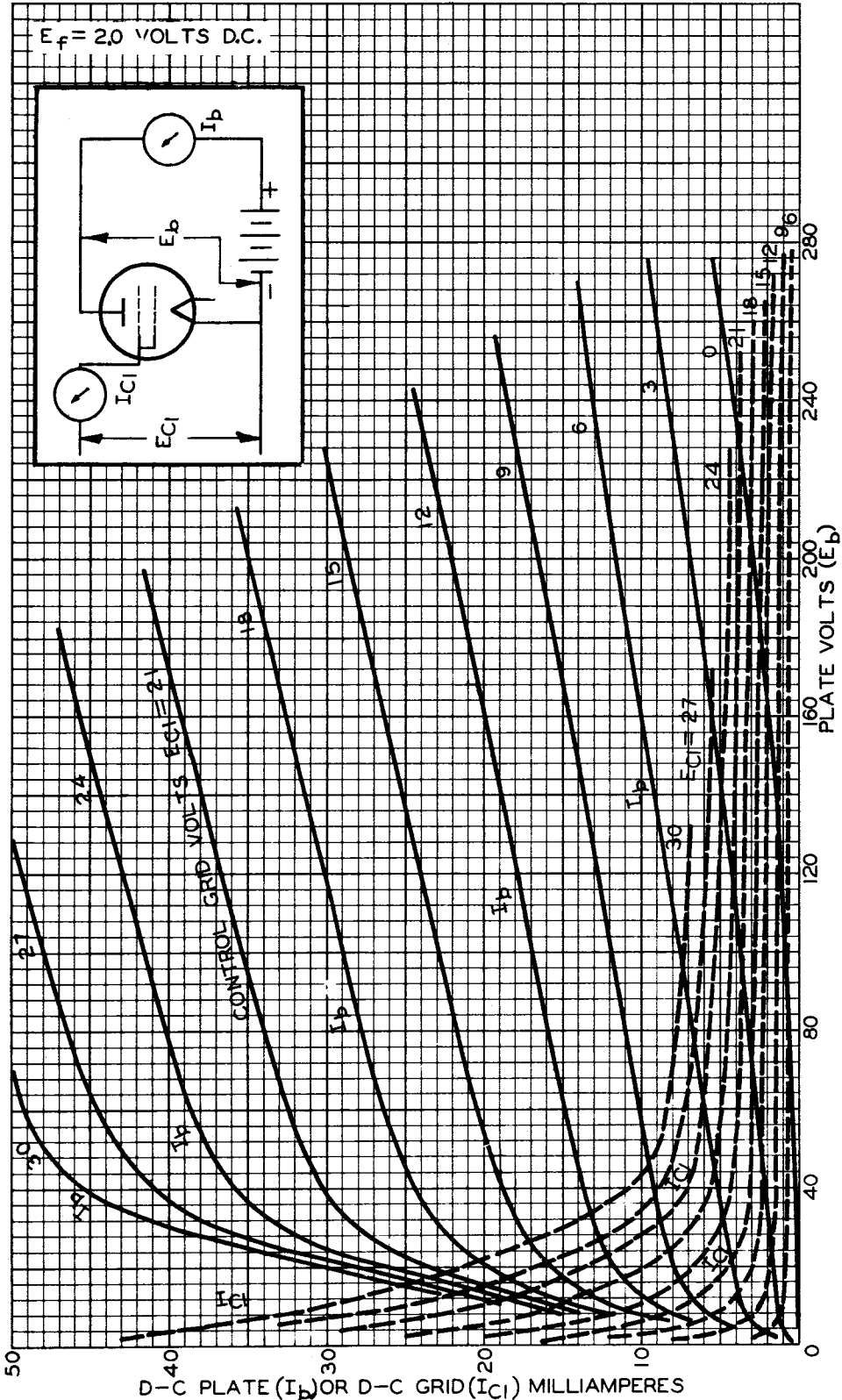
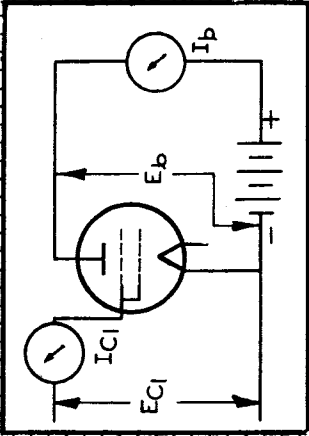
* Approximately twice this value is recommended for load of this tube when used as driver for Class B stage.



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AVERAGE PLATE CHARACTERISTICS CLASS B OPERATION

$E_f = 2.0$ VOLTS D.C.



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AVERAGE PLATE CHARACTERISTICS
CLASS A OPERATION

$E_f = 2.0$ VOLTS D.C.

