

**Class 'ABI' Amplifier (Push-Pull):****TETRODE CONNECTION:**

Plate Voltage	360	360	volts
Screen Voltage	270	270	volts
Grid Voltage	-22.5	—	volts
Autobias Resistor	—	250	ohms
Plate Current (no signal)	88	88	mA
Plate Current (max. signal)	138	100	mA
Screen Current (no signal)	5	5	mA
Screen Current (max. signal)	16	19	mA
Output Load Impedance (plate - plate)	6600	9000	ohms
Peak AF Grid-Grid Voltage	45	57	volts
Total Harmonic Distortion	1.8	4	%
Power Output	26.5	24	watts

NOTE—Values are given for two valves.

Curves are attached to this report which show the relation between power output, distortion and input signal voltage for the above conditions. Curve 307.339 for fixed bias, and Curve 307.340 for autobias.

**Class 'AB2' Amplifier (Push-Pull):****TETRODE CONNECTION:****Ratings:**

Max. Plate Voltage	600 volts
Max. Screen Voltage	300 volts
Max. Signal DC Plate Current	120 mA
Max. Signal Plate Input Power	60 watts
Max. Signal Screen Input Power	3.5 watts
Max. Plate Dissipation	25 watts

**Typical Operating Conditions:**

Plate Voltage	360	360	400	500	600	volts
Screen Voltage	225	270	300	300	300	volts
Grid Voltage	-18	-22.5	-25	-29	-30	volts
Plate Current (no signal)	78	88	90	72	60	mA
Plate Current (max. signal)	162	220	240	240	200	mA
Screen Current (no signal)	3.5	5	5	5	5	mA
Screen Current (max. signal)	21	35	23	22	21	mA
Output Load Impedance (plate - plate)	6000	3800	3200	4240	6400	ohms
Peak Grid-Grid Input Power	190	400	200	200	100	mW
Total Harmonic Distortion	8	10	4	4.5	3.5	%
Power Output	31	47	55	75	80	watts

NOTE—Values are given for two valves.

