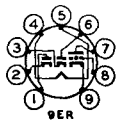
Service	Plate Volts	Screen Volts	Neg Grid Volts	Plate Milli-amperes	Screen Milli-amperes	R_p, Ohms	G_m, μmhos	μ Factor	Load for Rated Output, Ohms	Power Output, Watts	Tube Type
Class A Amplifier	250 100	100 100	1.0 1.0	9.2 9.0	3.3 3.5	1,300,000§ 250,000§	3,600 3,650	— —	— —	— —	*6BJ6*
DC Restorer Service	Max d-c output current per plate = 1.0 ma; max peak inverse voltage = 330 volts; max peak current per plate = 10 ma										*6BJ7*
Class A Amplifier Vertical Deflection Amplifier Horizontal Phase Detector	250 90 Max positive pulse plate voltage₃ ◙ = 1,200 volts; max d-c cathode current = 20 ma Max d-c output current ♠ = 9.0 ma; voltage drop ♠: 2.6 volts at 9.0 ma d-c	— —	9.0 0	8.0 13.5	— —	7,150§ 4,700§	2,800 4,700	20 22	— —	— —	*6BJ8*¶
High-Voltage Shunt Regulator	Max unregulated d-c supply voltage = 55,000 volts; max d-c plate current = 1.5 ma; amplification factor = 2,000§										6BK4
Class A Amplifier	250	250	5.0	35†	3.5†	100,000§	8,500	—	6,500	3.5	*6BK5*
Class A Amplifier	250 100	— —	2.0 1.0	1.2 0.5	— —	62,500 80,000	1,600 1,250	100 100	— —	— —	*6BK6*
Class A Amplifier ♠	150 100	— —	R_k = 56 R_k = 120	18 9.0	— —	4,700§ 6,100§	8,500 6,100	40 37	— —	— —	*6BK7*
Class A Amplifier ♠	150	—	R_k = 56	18	—	4,600§	9,300	43	—	—	*6BK7-A* *6BK7-B*¶
Class A Amplifier	250	140	—	3.0	—	2,000,000	1,850	—	—	—	*6BK8*
TV Damper Service₃	Max d-c output current = 200 ma; max peak inverse voltage ◙ = 4500 volts; max peak current = 1200										6BL4
Vertical Deflection Amplifier ♠	250 250 Max positive pulse plate voltage₃ ◙ = 2,000 volts; max d-c cathode current = 60 ma	— —	9.0 17	40 4.0	— —	2,150§ —	7,000 —	15 —	— —	— —	6BL7-GT
Class A Amplifier	250	250	6.0	30†	3.0†	60,000§	7,000	—	7,000	3.5	*6BM5*
Class A Amplifier	150	—	R_k = 220	9.0	—	6,300§	6,800	43	—	—	*6BN4*
Class A Amplifier	225	225	R_k = 360	26†	4.1†	—	3,200	—	9,000	2.8	*6BN5*
FM Limiter-Discriminator	285‖	100	R_k = 200 to 400	0.49	9.8	—	—	—	330000	—	*6BN6*
Vertical Deflection Amplifier	250 Max positive pulse plate voltage₃ = 1,500 volts	—	15.0	24	—	2,200	5,500	12	—	—	*6BN7*
Class A Amplifier	120	—	1.0	5	—	14,000	2,000	28	—	—	



§ Approximate.
▲Without external shield.
† Zero signal.
♦ Grids 3 and 5 are screen. Grid 4 is signal-input grid.
Conversion transconductance.
♠Maximum.
♥Grids 2 and 4 are screen. Grid 3 is signal-input grid.
✱Screen supply voltage.
◙Absolute maximum rating.
‡ Plate-to-plate.
♠Per section.
◈Design maximum rating.
⊕For both sections.
* Minimum.
¶ Heater warm-up time controlled for series-string service.
‖ Plate supply voltage.
‖ Input plate.
3—The duration of the pulse voltage must not exceed 15 percent of one scanning cycle.
1—Section 1.
2—Section 2.
4—A resistor of 3 ohms must be put in series with heater.