

SPECIAL PURPOSE TUBES—TRANSMITTING TYPES

16S SYLVANIA ELECTRONIC TUBES

TYPE	CONSTRUCTION			EMITTER		CAPACITANCES			MAXIMUM RATINGS			TYPICAL OPERATION										
	CLASS	STYLE	BASE	VOLTS	AMPS.	C _{gp}	C _{in}	C _{out}	PLATE DISS. WATTS	PLATE CUR-RENT MA	MAX. FREQ. MC	CLASS, OPERATION AND USE*	E _b VOLTS	E _{c2} VOLTS	E _{c1} NEG. VOLTS	I _b MA	I _{c2} MA	I _{c1} MA	P-P LOAD IN OHMS	DRIVING POWER WATTS	POWER OUTPUT WATTS	
2E24	Beam Amp.	T-9	7CL	6.3	0.65	0.11m	8.5	6.5	10	75	...	AB ₂ Amp. and Mod. CCS† AB ₂ Amp. and Mod. ICAS† C (Telegraphy) ICAS C (Telegraphy) ICAS C (Telephony) CCS C (Telephony) ICAS	400	125	15	150▼	26▼	...	7,000 9,000 E _{c3} =0 E _{c3} =0	0.43 0.46 0.21 2.0 0.15 0.16	42 54 27 16.5 13.5 18.0	
									13.5	75	...		500	125	15	150▼	28▼	...				
									13.5	85	125		600	195	50	66	10	3.0				...
									13.5	85	160		350§	170§	50	85	10	3.0				...
									6.7	60	125		400	180	45	50	8.0	2.5				...
									9.0	70	125		500	180	45	54	8.0	2.5				...
2E26	Beam Amp.	T-9	7CK	6.3	0.8	0.20	12.5	7	10	75	...	AB ₂ Amp. and Mod. CCS† AB ₂ Amp. and Mod. ICAS† C (Telegraphy) CCS C (Telegraphy) CCS C (Telegraphy) ICAS C Amp. (Telephony) CCS C Amp. (Telephony) ICAS	400	125	15	150▼	32▼	...	6,200 8,000	0.36 0.36 0.12 0.15 0.17 0.15 0.15	42 54 20 20 27 13.5 18	
									12.5	75	...		500	125	15	150▼	32▼	...				
									10	75	125		400	190	30	75	11	3				...
									10	75	125		500	185	40	60	11	3				...
									13.5	85	125		600	185	45	66	10	3				...
									6.7	60	125		400	160	50	50	7.5	2.5				...
2E30	Beam Amp.	T-5½	7CQ	6.0	0.65	0.2	9.5	6.6	10	60	...	AB ₂ Amp. and Mod. CCS† AB ₂ Amp. and Mod. CCS† C Amp. (Telegraphy) CCS C Amp. (Telegraphy) CCS C Amp. (Telephony)	180	180	22.5	100▼	16▼	...	2,500 3,800 E _{c3} =0 E _{c3} =0 ...	0.23 0.2 0.15 0.2 0.7	7.4 17.0 5.0 7.5 5.0	
									10	60	...		250	250	30	120▼	20▼	...				
									10	60	...		200	200	46	45	10	2.3				...
									10	60	...		250	200	50	50	10	2.5				...
									10	60	...		300	250	70	50	5.0	0.7				...
									10	60	165		300	250	70	50	5.0	0.7				...
3A4	Pentode	T-5½	7BB	1.4 2.8	0.2 0.1	0.20	4.8	4.2	2.0	...	10	C Amp. (Telegraphy)	150	135	26	18.3	6.5	0.13	E _{c3} =0	R _{g2} = 2.300	1.2	
3A5	Duotriode	T-5½	7BC	1.4 2.8	0.22 0.11	3.2	0.9	1.0	1.0	15	40	C Amp. Oscillator†	150	...	35	30	...	5.0	...	0.2	2.2	
801A	Triode	ST-16	4D	7.5	1.25	6.0	4.5	1.5	20	70	...	B Amp. and Mod. CCS† B Amp. and Mod. CCS† B Amp. (Telephony) CCS C Amp. (Telegraphy) CCS C Amp. (Telephony) CCS C Amp. (Telephony) CCS	400	...	50	130▼	6,000 10,000	3 3 2.3 4.0 4.0 4.5	27 45 7.5 25 14 18	
									20	70	...		600	...	75	130▼				
									20	50	60		600	...	75	45▼	...	0.2				...
									20	70	60		600	...	150	65	...	15				...
									13.5	60	60		400	...	150	55	...	15				...
									13.5	60	60		500	...	190	55	...	15				...
807	Beam Amp.	ST-16	5AW	6.3	0.9	This tube type is included in the complete Data Section of the Manual.																
807W	Beam Amp.	T-12	5AW	6.3	0.9	Special mechanical characteristics. Also known as Type 5933. Electrical characteristics same as Type 807.																