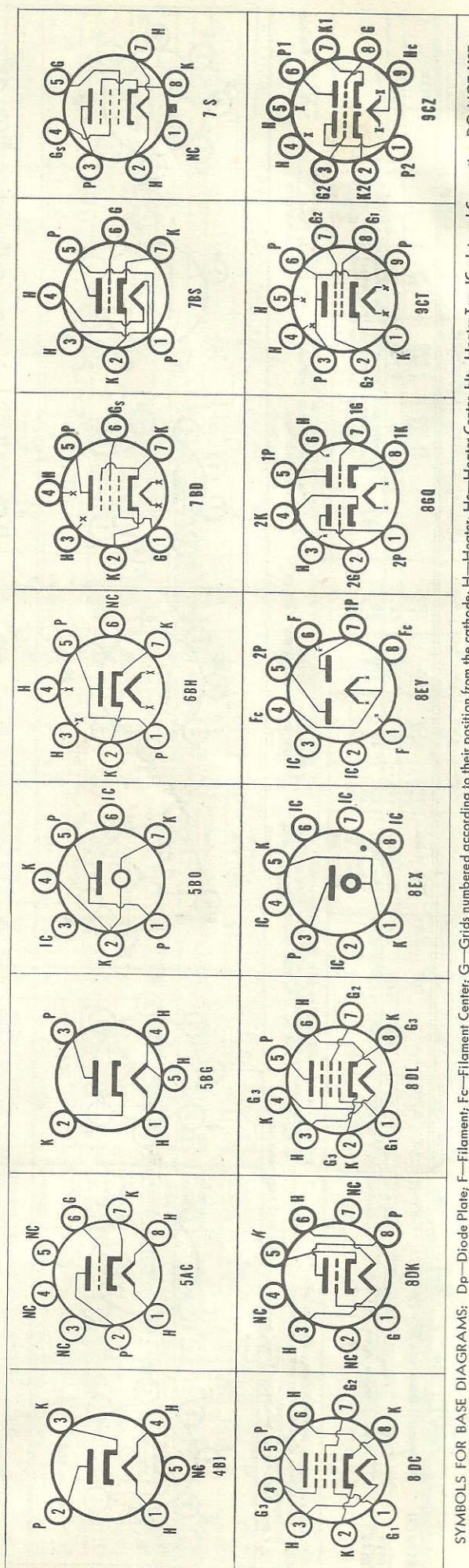


# SYLVANIA TUBES - AVERAGE CHARACTERISTICS

Type	Construction		Emitter		Note (1) (*) Capacitances in $\mu\mu\text{f}$ .		Use	Plate Volts	Negative Grid Volts	Screen Volts	Plate Current Ma.	Screen Current Ma.	Plate Resistance Ohms	Transconductance Micromhos	Amplification Factor	Ohms Load for Stated Power Output	Power Output Milli-watts	Type	
	Bulb Size or S/W	Class	Base Diag.	Type	Volts	Amps.													Cgp.
6205 (3)	T-3	Pentode	8DC-0-288	Cathode	6.3	0.15	.015	4.2	3.4	100	7.5	2.4	0.36 Meg.	5,000	.....	.....	.....	6205 (3)	
6206	T-3	Pentode	8DC	Cathode	6.3	0.15	.015	4.2	3.4	100	7.5	2.0	0.26 Meg.	4,500	.....	.....	.....	6206 (3)	
6287 (3)	T-6½	Beam Amp.	9CT-0-0	Cathode	6.3	0.6	1.1m	8.0	9.0	250	46	5.0	55,000	4,100	.....	6,000	4,500	6287 (3)	
6308 (3)	T-3	Gas Diode	8EX-0-0	Cold K	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6308 (3)	
6350	T-6½	Duotriode	9CZ-0-0	Cathode	6.3	0.6	3.2*	3.6*	0.6*	150	5.0	.....	.....	.....	.....	.....	.....	6350	
6352	T-3	Duodiode	8EY-0-0	Filament	3.0	0.36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6352	
6463	T-6½	Duotriode	9CZ-0-0	Cathode	6.3/12.6	0.600/0.300	5.0*/3.0*	3.0*/3.0*	0.6*/0.5*	200/250	11.0/14.5	.....	.....	.....	.....	.....	.....	6463	
6550	ST-16	Pentode	7S-0-0	Cathode	6.3	1.8	0.85*	14.0*	12.0*	400	87.0	4.0	3850	5,900	.....	.....	.....	6550	
6626	T-5½	Gas Diode	5B0-0-0	Cold K	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6626	
6627	T-5½	Gas Diode	5B0-0-0	Cold K	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6627	
6690 (3)	T-3	Duotriode	8GQ-0-0	Cathode	6.3	0.300	2.1m/2.1m	3.2m/3.2m	1.8m/2.2m	100	8.0	.....	.....	4,800	.....	.....	.....	6690 (3)	
6788	T-3	Pentode	8DL	Cathode	6.3	1.75	0.32	2.5	3.2	100	1500	0.09	1.2 Meg.	1,150	.....	.....	.....	6788	
6814	T-3	Triode	8DK	Cathode	6.3	1.50	1.3	2.4	2.4	100	0	.....	.....	6,000	.....	.....	.....	6814	
9001	T-5½	Pentode	7BD-0-7	Cathode	6.3	0.15	0.01	3.6	3.0	250	3.0	0.7	1 Meg. Min.	1,400	.....	.....	.....	9001	
9002	T-5½	Triode	7BS-0-0	Cathode	6.3	0.15	1.4	1.2	1.1	250	7.0	.....	.....	2,200	.....	.....	.....	9002	
9003	T-5½	Pentode	7BD-0-7	Cathode	6.3	0.15	0.01m	3.6	3.0	250	6.3	.....	.....	1,800	.....	.....	.....	9003	
9004	Acorn	Diode	4B1-0-0	Cathode	6.3	0.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9004	
9005	Acorn	Diode	5B8-0-0	Cathode	6.3	0.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9005	
9006	T-5½	Diode	6BH-0-0	Cathode	6.3	0.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9006	
XXD	Now Listed as 14AF1/XXD																		
XXFM	Now Known as Type 7X7																		
XXL	Lock-in	Triode	5AC-L-0	Cathode	6.3	0.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	XXL

(1) Values are given shielded unless marked with (\*).  
 (2) Converter tube capacitances given are signal grid to plate; RF Input, Mixer Output.  
 † Controlled Heater Warm-up Time, applies only for 600 Ma. condition.  
 ‡ Has special mechanical and/or life characteristics.  
 § With Average Power Input of 390 Mw. Grid to Grid.  
 ¶ For two tubes with 40 volts RMS applied to each grid.  
 \* Applied through 250,000 ohms.  
 † Pentode Operation.  
 ‡ Conversion Transconductance.  
 § Plate and Target Supply Voltage.  
 †† Triode Operation.  
 ‡‡ Approximate.



SYMBOLS FOR BASE DIAGRAMS: Dp—Diode Plate; F—Filament; Fc—Filament Center; G—Grids numbered according to their position from the cathode; H—Heater; Hc—Heater Center; Ht—Heater Tap; IC—Internal Connection, DO NOT USE, J—Jumper; K—Cathode; NC—No Connection; P—Plate; Rc—Ray Control; S—Metal Shell; SA—Starter Anode; T—Target; XS—External Shield; □—Top Cap; ■—Locating Key.