

## TOSHIBA TRIODES

- Air Cooling
- Water Cooling
- Applications: Induction Heating for Industry



### ■ TRIODES < PLATE LOSS: LESS THAN 1000W >

Type	Heater or Filament		Trans Conduct. (ms)	Amp. Factor $\mu$	Max Freq. (MHz)	Max. Plate Ratings			Cooling
	Volt (V)	Curr. (A)				Volt. (kV)	Curr. (mA)	Diss. (W)	
6T58RA	5.0	22	4.5	17	110	6.0	650	800	FA
E3061C	6.3	32	6.5	45	50	7.5	750	800	FA
7815 *	6.0	0.98	25	100	3,000	2.0	10	10	C
7T69RB	12.6	35	13.0	21	110	8.0	2.0	4.5	FA
7T82JA	5.0	22	4.5	17	110	6.0	0.65	1.5	W
7T84B	6.3	22	4.5	17	110	7.0	0.8	2.0	W
7T84RB	6.3	22	4.5	17	110	7.0	0.8	1.5	FA
7T85RB	6.3	35	5.0	21	110	8.0	1.0	2.5	FA
E3062E	6.3	32	6.3	25	70	7.5	0.75	1.5	FA
8T20B	12.0	40	11.0	21	45	12.0	2.5	10.0	W
8T20RB	12.0	40	11.0	21	45	12.0	2.5	10.0	FA
8T30A	12.0	40	6.6	50	30	12.0	2.0	6.0	W
8T30RA	12.0	40	6.6	50	30	12.0	2.0	6.0	FA
8T64B	12.0	40	8.0	20	45	12.0	2.0	10.0	W
8T64RB	12.0	40	8.0	20	45	12.0	2.0	6.0	FA
8T69JB	12.6	35	12.0	21	110	8.0	2.0	6.0	W
8T85RB	12.0	40	11.0	21	40	12.0	2.5	10.0	FA
E3069	12.6	35	13.0	21	110	8.0	2.2	5.0	FA
E3097 **	6.3	22	6.5	35	-	20.0	0.8	1.5	FA
E3130	12.6	45	17.0	21	110	8.0	2.5	6.0	FA
E3170	12.6	35	10.0	21	110	8.0	2.2	5.0	FA
E3185	6.3	30	6.5	25	110	7.5	0.8	1.5	FA

Notes: Type\* : Production by Ordering Type\*\* : For Maintenance use only  
W : Water Cooling V : Vapour Cooling



**WVS-TECHNOLOGY**

# WVS-TECHNOLOGY

**WALTER V. STEINFELD, DIPL.-ING.**

**ROBERT-BOSCH-STR. 7 TEL: +49 2150 - 9128 10**

**D - 40668 MEERBUSCH FAX: +49 2150 - 91 28 11**

**■ TRIODES PLATE LOSS : < 10kW - LESS THAN 100kW >**

Type	Heater or Filament		Trans Conduct. (ms)	Amp. Factor $\mu$	Max Freq. (MHz)	Max. Plate Ratings			Output Power (kW)	Cooling
	Volt (V)	Curr. (A)				Volt. (kV)	Curr. (A)	Diss. (kW)		
8T25RA	7.5-8.5	110	24	20	40	14	4.5	15	31	FA
8T25								20		31
8T61A	8	280	30	20	40	14	8.5	35	57	W
8T72B	8	180	16	20	40	14	6.5	25	40	W
8T84A	8	180	16	20	40	14	6.5	30	42	W
8T85B	12	40	11	21	45	12	3	13	22	W
8T86B	12	40	11	21	45	12	3	13	22	W
8T87B	8	180	16	20	40	14	5	30	42	W
8T87RB	8	180	16	20	40	14	5	20	35	FA
E3116	8	280	30	20	40	12	8.5	50	57	V
E3094	8	180	16	20	40	14	5	22	42.5	V
9T16B **	8	280	30	20	40	12	8.5	50	57	V
9T64B	12	320	70	30	25	15	15	75	137	W
9T71C	11	285	38	30	25	17	13	75	130	W
9T94A	13	320	70	30	25	16	16	80	170	W
E3080A	13	320	60	30	25	16	16	80	170	W
E3132	8	280	33	20	45	14	8.5	30	60	FA

**■ TRIODES < PLATE LOSS : 10kW - LESS THAN 100kW >**

Type	Heater or Filament		Trans Conduct. (ms)	Amp. Factor $\mu$	Max Freq. (MHz)	Max. Plate Ratings			Cooling
	Volt (V)	Curr. (A)				Volt. (kV)	Curr. (mA)	Diss. (W)	
6T58RA	5.0	22	4.5	17	110	6.0	650	800	FA
E3061C	6.3	32	6.5	45	50	7.5	750	800	FA
7815 *	6.0	0.98	25	100	3,000	2.0	10	10	C
9T38A/LD961	18.3	315	90	40	2	15	20	120	W
9T40 **	18.0	315	80	40	2	15	20	150	V
9T82B *	16.5	325	65	30	30	16	20	120	W
9T83 **	18.0	315	80	40	2	15	20	150	V
E3050/9T75	17.5	470	130	30	2	15	40	250	W
E3085	15.8-18	450	130	30	2	15	40	250	W
E3109 *	18.0	315	80	40	2	15	20	150	V

Notes: Type\* : Production by Ordering Type\*\* : For Maintenance use only  
W : Water Cooling V : Vapour Cooling