

EBC41

DOUBLE DIODE TRIODE

HEATER

V_h	6.3	V
I_h	230	mA

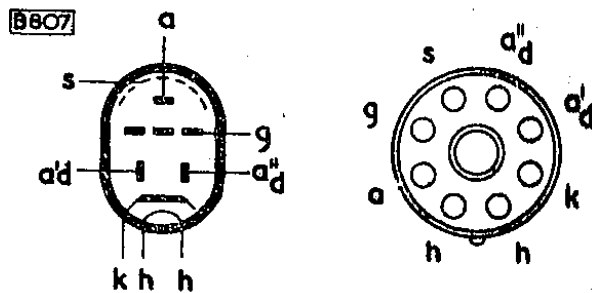
LIMITING VALUES

Triode Section

V_a max.	300	V
p_a max.	1.0	W
I_k max.	5.0	mA
R_{g-k} max. (cathode bias)	3.0	M Ω
V_{h-k} max.	100	V

Diode Sections (each section)

$V_{ad(pk)}$ max.	200	V
I_{ad} max.	800	μ A



B8A

DIMENSIONS

Max. Overall Length	60	mm
Max. Seated Height	53	mm
Max. Diameter	22	mm

CHARACTERISTICS

V_a	250	V
V_g	-3.0	V
I_a	1.0	mA
μ	70	
g_m	1.3	mA/V
r_a	54	k Ω

OPERATING CONDITIONS AS RESISTANCE COUPLED A.F. AMPLIFIER

Cathode Bias

V_b (V)	R_a (k Ω)	I_a (mA)	R_k (k Ω)	$\frac{V_{out}}{V_{in}}$	V_{out} (V _{r.m.s.}) ($D_{tot}=2.5\%$)	V_{out} (V _{r.m.s.}) ($D_{tot}=5\%$)	V_{out} (V _{r.m.s.}) ($D_{tot}=10\%$)	$R_{g1}\dagger$ (k Ω)
400	100	1.35	2.2	43.5	—	35.5	62.5	330
350	100	1.18	2.2	43	—	30.5	54	330
300	100	1.0	2.2	42.5	—	25.5	46	330
250	100	0.85	2.2	42	—	21	38	330
200	100	0.70	2.2	41	—	16	28.5	330
150	100	0.50	2.2	40	—	12	19.5	330
100	100	0.28	3.3	33.5	—	6.0	10.5	330
400	220	0.76	3.9	48	—	40	74.5	680
350	220	0.67	3.9	47.5	—	34.5	64	680
300	220	0.56	3.9	47	—	27	54	680
250	220	0.48	3.9	46.5	—	24.5	44.5	680
200	220	0.40	3.9	46	—	19	34	680
150	220	0.32	3.9	44	—	16.5	24	680
100	220	0.18	5.6	38	—	8.0	13.5	680

Grid Current Bias (Grid resistance of 20 M Ω ; Zero source impedance)

400	100	2.4	—	56.5	33	51	—	330
350	100	2.0	—	55	27	43	—	330
300	100	1.95	—	53.5	22	35	—	330
250	100	1.3	—	51	17	27	—	330
200	100	0.95	—	48.5	12	19	—	330
150	100	0.6	—	44	7.0	11	—	330
100	100	0.3	—	35.5	3.0	5.0	—	330
400	220	1.3	—	62.5	34	55.5	—	680
350	220	1.1	—	61.5	29	47	—	680
300	220	0.9	—	59.5	23	38	—	680
250	220	0.7	—	57	17	29.5	—	680
200	220	0.5	—	54	12.5	21	—	680
150	220	0.33	—	49	8.0	14	—	680
100	220	0.18	—	40	4.0	7.0	—	680

$\dagger R_{g1}$ = Grid resistor of following valve.

REPLACEMENT FOR: DH150, 6LD3, 62DDT—Direct.

EAB1. (See page 78.)