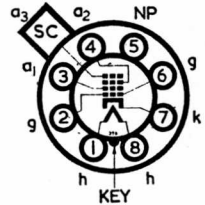


Current Equipment Type

TYPE C19AH B8H BASE



The BRIMAR C19AH is a rectangular 114° deflection angle teletube with tri-potential electrostatic focus, an aluminised screen and an external conductive coating. The screen colour is white with a grey glass faceplate (transmission 70 per cent approx.). The screen shape features much "squarer" corners than conventional 110° tubes.

Heater Current	...	...	...	...	0.3	amp.
Heater Voltage	...	...	...	...	4.0	volts

RATINGS

Final Anode Voltage	(V_{a3})		16.5	kV max.
Final Anode Voltage	(V_{a3})		13.0	kV min.
Focus Anode Voltage	(V_{a2})	positive	750	volts max.
Focus Anode Voltage	(V_{a2})	negative	500	volts max.
First Anode Voltage	(V_{a1})		700	volts max.
First Anode Voltage	(V_{a1})		500	volts min.
Grid Voltage	(V_g)	positive	2.0	volts max.
Grid Voltage	(V_g)	negative	150	volts max.
Heater to Cathode Voltage	(V_{hk})	k positive	200	volts max.
Heater to Cathode Voltage	(V_{hk})	k negative	180	volts max.
Heater to Cathode Voltage	(V_{hk})	k positive	*410	volts max.
Supply Source Impedance- a_2	...	...	1.5	M Ω max.
Supply Source Impedance- a_1	...	...	2.5	M Ω max.
Grid—Cathode Resistance (R _{gk})	...	...	1.5	M Ω max.

* During equipment warm-up not exceeding 45 seconds.

OPERATING CHARACTERISTICS

Final Anode Voltage	(V_{a3})	16	kV
Focus Anode Voltage	(V_{a2})	(adjust for optimum focus)	
		0—450	volts
First Anode Voltage	(V_{a1})	550	volts
Grid Voltage for Raster off	...	...	—38 to —78
Peak to Peak Modulation for 150 μ A beam current		30	volts

INTER-ELECTRODE CAPACITANCES

Grid to all	...	...	5.0	pF
Cathode to all	...	...	4.0	pF
Final Anode to external coating	...	...	1,750	pF

