



# R.F. DOUBLE TRIODE

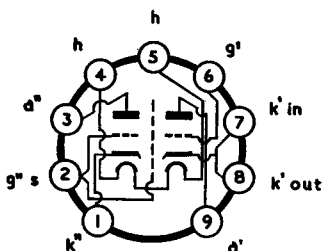
## 0.3A INDIRECTLY HEATED

# B319

JULY, 1956

A double triode with separate cathodes, for use as a cascode RF amplifier at frequencies up to 250 Mc/s.

### BASE CONNECTIONS AND VALVE DIMENSIONS



View from underside of base

Base : B9A

Bulb : tubular

Overall length : 49 max. mm.

Seated length : 36 max. mm.

Diameter: 22.2 max. mm.

### HEATER

$I_h$	0.3	A
$V_h$	7.4	V

### RATING

(per system)

$V_a$	250	max.	V	
$V_{h-k}$	250	max.	V	
$I_k$	18		mA	
$P_a$	2.0	max.	V	
$\mu$	} at $V_a=90$ $V_g=-1.5$ $I_a=12mA$	} 24	k $\Omega$	
$r_a$				4
$g_{in}$				6.0
			mA/V	

### CAPACITANCES

$C_{a'-g'}$	1.1 pF	$C_{a''-g''}$	2.3 pF
$C_{g'-h}$	0.25 pF	$C_{a''-g''+h}$	2.5 pF
$C_{g'-a''}$	0.005 pF	$C_{a''-k''}$	0.17 pF
$C_{a'-a''}$	0.035 pF	$C_{a''-k''+h}$	4.9 pF
$C_{in}$	1.1 pF	$C_{h-k''}$	2.8 pF
$C_{out}$	2.3 pF		

