

DH63

Osram

VALVES

DH63 DOUBLE-DIODE-TRIODE

DESCRIPTION

Type DH63 is an indirectly heated double-diode triode, with a high impedance triode section. The valve is interchangeable with the American type 6Q7G.

RATINGS

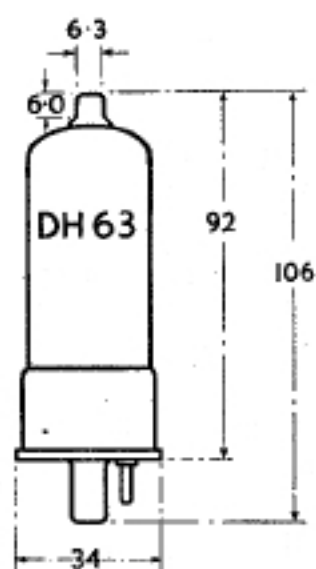
Heater Voltage	...	...	...	...	...	...	...	6.3	volts
Heater Current	...	...	...	...	...	...	...	0.3	approx. amp
Anode Voltage	...	...	...	...	...	...	...	250	max. volts
Amplification Factor*	...	...	...	...	...	...	...	70	
Impedance*	...	...	...	...	...	...	...	58,000	ohms
Mutual Conductance	...	...	...	...	...	...	...	1.2	mA/V

*Measured at $V_a = 250$; $V_{g1} = -3$

Capacitances (taken on metallised valve):

Grid to Anode	...	...	...	...	...	...	...	1.6	approx. pF
Grid to Cathode	...	...	...	...	...	...	...	2.5	" "
Anode to Cathode	...	...	...	...	...	...	...	7.0	" "
Diodes to all other electrodes	...	...	...	...	...	...	...	7.0	" "

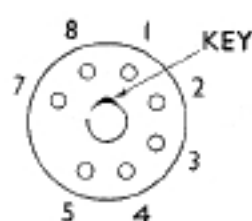
DIMENSIONS



BASE

7-PIN OCTAL

- Pin 1: Metallising Base
 - 2: Heater
 - 3: Anode
 - 4: Signal Diode
 - 5: A.V.C. Diode
 - 6: Omitted
 - 7: Heater
 - 8: Cathode
- Top Cap: Control Grid



View looking on underside of base.

Type DH63 is supplied plain or metallised.

All dimensions are in mm. and are the maximum except where otherwise stated.

OPERATING CONDITIONS

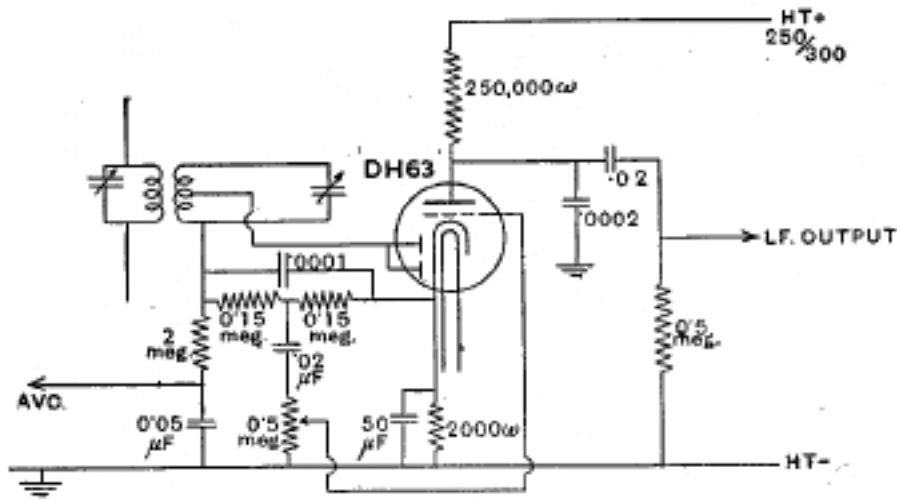
A typical circuit is shown overleaf.

Anode Supply Voltage	...	...	...	200/250	volts
Grid Voltage	...	...	...	-1/-1.5	volts
Cathode Bias Resistance	...	...	...	2,000	ohms
Optimum Load Resistance	...	...	...	220,000	ohms

Triode Performance

Anode Load	...	...	...	47,000	100,000	220,000	ohms
Stage Gain	...	...	...	30	35	40	
Output Voltage R.M.S. (1% distortion)	...	...	...	8	10	11	volts
Bias Resistance	...	...	...	1,000	1,800	2,200	ohms

TYPE DH63



CHARACTERISTIC CURVES
OF AVERAGE
VALVE.

