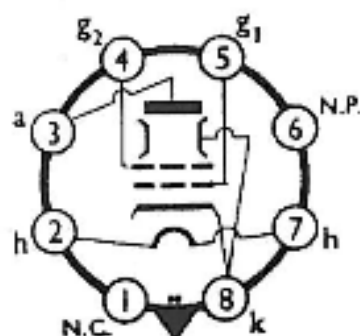


BASE CONNECTIONS AND VALVE DIMENSIONS
View from underside
of base.

Base : International Octal.
 Bulb : Dome top tubular.

Overall length : 125—135 mm.
 Seated length : 111—121 mm.
 Max. diameter : 53 mm.

RATING
Pentode Connection

V_h	6.3	V
I_h	1.27	A
V_a	500	V
V_{g2}	400	V
P_a	25 max.	W
P_{g2}	3.5 max.	W
r_a	} at $V_a = V_{g2} = 250$, $V_{g1} = -15$	} 22.5 6.3
g_m		

Triode Connection

V_a	400	250	V
P_a	28.5	28.5	W
r_a	} at $V_{g1} = -38$	} 1.45 5.5	} 1.3 6.15
g_m			

CAPACITANCES (of unshielded valve)

c_{g1-all}	16	pF	c_{a-all}	11.5	pF	c_{a-g1}	1.1	pF
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TYPICAL OPERATION
Single Valve. Class A. Triode Connection

$V_a, g2$	250	400	V
V_{g1} (approx)	-19	-38	V
$I_a, g2$	60	63	mA
v_{in} (pk)	19	38	V
$P_a, g2$ (o)	15	25	W
R_k	315	600	Ω
R_c	2.75	4.5	k Ω
P_{out}	2.2	5.8	W
D	6	7	%