

Indirectly heated output pentode for conventional Class A audio-frequency power amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.1 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.009 S
Output pentode	

Indirectly heated output pentode for audio-frequency power amplification, with class-A operating conditions, transconductance, plate resistance, power output, capacitances, and limiting values.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1999 PHILIPS E-Z

Section 1 · Pentode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heating : indirect; parallel supply V_e	6.1 V	—
W_o ($dt_{ot} = 10f$)	4.5 W	—
V_i (W_o	50 mW	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
V_e	250 v	ClassA
V_{g2}	250 v	ClassA
V_{g1}	-6 V	ClassA
I_r	36 mA	ClassA
I_{g2}	4 mA	ClassA
$R_y = 150 \text{ } \Omega$	9 mA/V	ClassA

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