



ELECTRONIC TUBE REFERENCE

DA30

Voltage - Triode (with diode, heptode or hexode) electronic tube

CONSOLIDATED TECHNICAL
DATA

2 SECTIONS
CONSTRUCTION
DIODE-TRIODE

OSRAM 30-watt power triode designed for push-pull Class-A and Class-AB audio amplification, with pairs capable of substantial audio-frequency output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 2 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	910 Ω
TRANSCONDUCTANCE	0.00385 S
MAXIMUM PLATE VOLTAGE	500 V
<i>Applicable promoted ratings mapped semantically from the printed approximate-data/ratings tables; useful non-promoted operating, capacitance and service data retained in TUBE_SECTION_PARAMETER.</i>	

SECTION2 Diode	
<i>No fixed ratings recorded.</i>	
<i>Missing physical diode section added during approved diode-triode structure reconciliation.</i>	

DA30: OSRAM combined diode-triode valve. The complete approved OSRAM sheet was read for construction, characteristics, operating data, and application guidance.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Osram Valves

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

1937 OSRAM VALVES

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	4 V	—
Heater/filament current	2 A	—
Plate impedance	910 ohm	—
Mutual conductance	3850 uS	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	500 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

193X Osram

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

193X OSRAM

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament/heater voltage	4 V	—
Filament/heater current	2 A	—
Plate impedance	910 ohm	—
Mutual conductance	3850 uS	—

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Marconi

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

1955 MARCONI

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Class-A Output per Pair	20 W	ClassA;PushPull
Class-AB Output per Pair Minimum	44 W	ClassAB;PushPull
Class-AB Output per Pair Maximum	60 W	ClassAB;PushPull

TUBE TINKER

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