



ELECTRONIC TUBE REFERENCE

CONSOLIDATED TECHNICAL DATA

A409

1 SECTION

CONSTRUCTION

TRIODE

Voltage - Triode (single) electronic tube

General-purpose receiving triode for detection, amplification, oscillator, or low-power electronic service as documented by the manufacturer.

GENERAL CHARACTERISTICS

BASE DESIGNATION	A32-1	BASE PINS	4
NOMINAL HEATER	4 V / 65 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	10000 Ω
TRANSCONDUCTANCE	0.0009 S
AMPLIFICATION FACTOR	9
MAXIMUM PLATE VOLTAGE	150 V
<i>Promoted only from clearly identified published characteristics/limits; additional operating, capacitance, regulator, gas-tube, and push-pull data retained as section parameters.</i>	

Directly heated battery triode for low-power receiver amplifier service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Philips Miniwatt Vacuum Tube Catalog

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

1938 PHILIPS MINIWATT VACUUM TUBE CATALOG

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate current	3.5 mA	BatteryValve
Control-grid voltage	-9 V	BatteryValve

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	10000 Ω	Section1
Transconductance	900 μS	Section1
Amplification factor	9	Section1

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-anode capacitance	4 pF	Section1



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Saturation current	20 mA	—
Anode-grid capacitance	2.5 pF	—

TUBE TINKER

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