



ELECTRONIC TUBE REFERENCE

EM7

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Russian triode documented in translated reference literature; available source evidence does not support a narrower functional assignment without speculation.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Triode

No fixed ratings recorded.

Filename-matched Russian entry only.

Triode vacuum tube described in the Russian reference source. Technical description is translated to English from the complete filename-matched entry.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1981 Russian Tubes Katsnelson and Larionov

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

1981 RUSSIAN TUBES KATSNELSON AND LARIONOV

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	18 mA	Translated from Russian source; Ток накала , 18 mA
Plate current	—	Translated from Russian source; Ток анода. , (160=90) мкА
Transconductance	—	Translated from Russian source; Крутизна характеристики » 130,*_?8 мкА /В
Amplification factor	53	Translated from Russian source; Коэффициент усиления. в в в о о о 1>53?%
Transconductance	—	Translated from Russian source; крутизна характеристики , 60 мкА/В

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service life	2500 h	Translated from Russian source; Нарботка еа 2500 ч
Heater voltage	1.2 V	Translated from Russian source; Напряжение накала , 0,9—1,2 В
Plate voltage	7.7 V	Translated from Russian source; Напряжение анода ке . 6,3—7,7 В