

ELECTRONIC TUBE REFERENCE

29KQ6

Power - TV Horizontal Output (sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

Magnoval beam-power tube designed as a horizontal-deflection amplifier in television receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	40A	BASE PINS	9
NOMINAL HEATER	29 V / 300 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
MAXIMUM PLATE VOLTAGE	650 V
MAXIMUM SCREEN VOLTAGE	275 V
MAXIMUM CATHODE CURRENT	275 mA
Promoted from semantically identified published ratings/characteristics; additional values preserved as section parameters.	

Magnoval beam-power tube used as a horizontal-deflection amplifier in television receivers.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1975 RCA RC30

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

1975 RCA RC30

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage 21.5	29 V	Published in approved target datasheet entry
Heater Current 0.45	300 mA	Published in approved target datasheet entry
Peak value ± 240	240 V	Published in approved target datasheet entry
Average value ± 240	240 V	Published in approved target datasheet entry
Plate Voltage	275 V	Published in approved target datasheet entry
Peak Positive-Pulse Plate Voltage*	6500 V	Published in approved target datasheet entry
Peak Negative-Pulse Plate Voltage*	1660 V	Published in approved target datasheet entry
Grid-No.3 Voltage	70 V	Published in approved target datasheet entry
Grid-No.2 Voltage	275 V	Published in approved target datasheet entry
Peak Negative-Pulse Grid-No.1 Voltage	330 V	Published in approved target datasheet entry
Average Cathode Current	275 mA	Published in approved target datasheet entry
Grid-No.1-Circuit Resistance	0.5 Mohm	Published in approved target datasheet entry
Grid-No.1-Circuit Resistance, for horizontal-deflection circuit	2.2 Mohm	Published in approved target datasheet entry

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage 40	50 V	Published in approved target datasheet entry
Grid-No.3 (Suppressor-Grid) Voltage 0	0 V	Published in approved target datasheet entry
Grid-No.2 (Screen-Grid) Voltage 135	200 V	Published in approved target datasheet entry

TUBE TINKER

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and their source documents.

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