

# HALF WAVE RECTIFIER

# PY31

Indirectly heated half wave rectifier with  
300mA heater for DC/AC operation.

## HEATER

|       |     |   |
|-------|-----|---|
| $I_h$ | 0.3 | A |
| $V_h$ | 17  | V |

## MOUNTING POSITION

Any

## OPERATING CONDITIONS

| $V_{a(r.m.s.)}$<br>(V) | C max.<br>( $\mu F$ ) | $R_{lim}$ min.<br>( $\Omega$ ) |
|------------------------|-----------------------|--------------------------------|
| 250                    | 60                    | 175                            |
| 250                    | 32                    | 125                            |
| 250                    | 16                    | 75                             |
| 250                    | 8.0                   | 0                              |
| 170                    | 60                    | 100                            |
| 170                    | 32                    | 75                             |
| 170                    | 16                    | 30                             |
| 127                    | 60                    | 0                              |

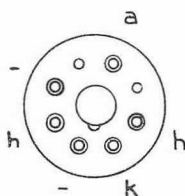
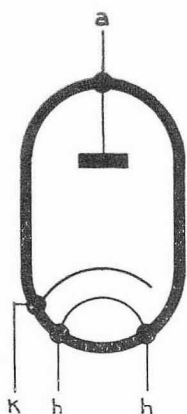
## LIMITING VALUES

|                      |     |         |
|----------------------|-----|---------|
| P.I.V. max.          | 1.0 | kV      |
| $V_{a(r.m.s.)}$ max. | 250 | V       |
| $I_a$ max.           | 125 | mA      |
| $V_{h-k(pk.)}$ max.  | 300 | V       |
| C max.               | 60  | $\mu F$ |

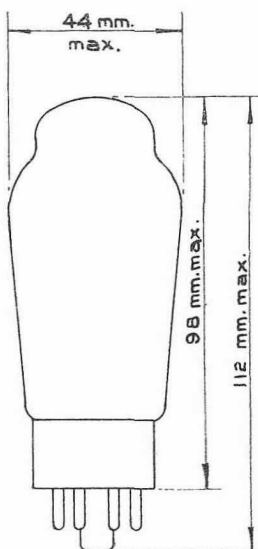
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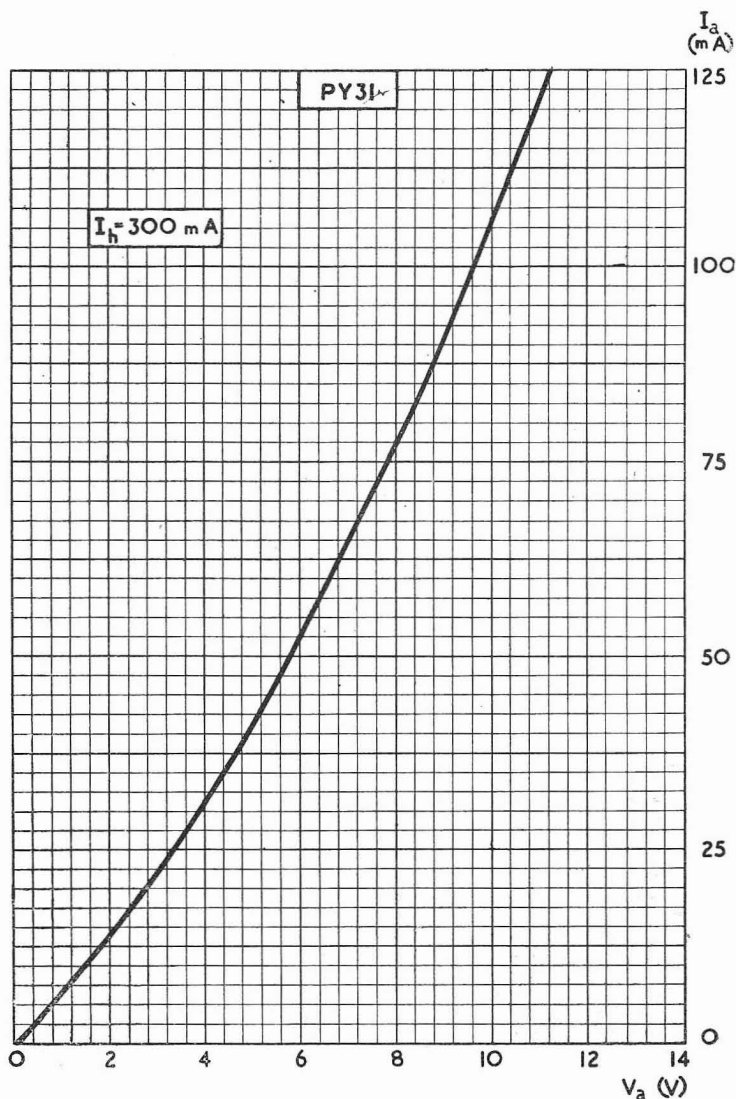
OCTAL BASE



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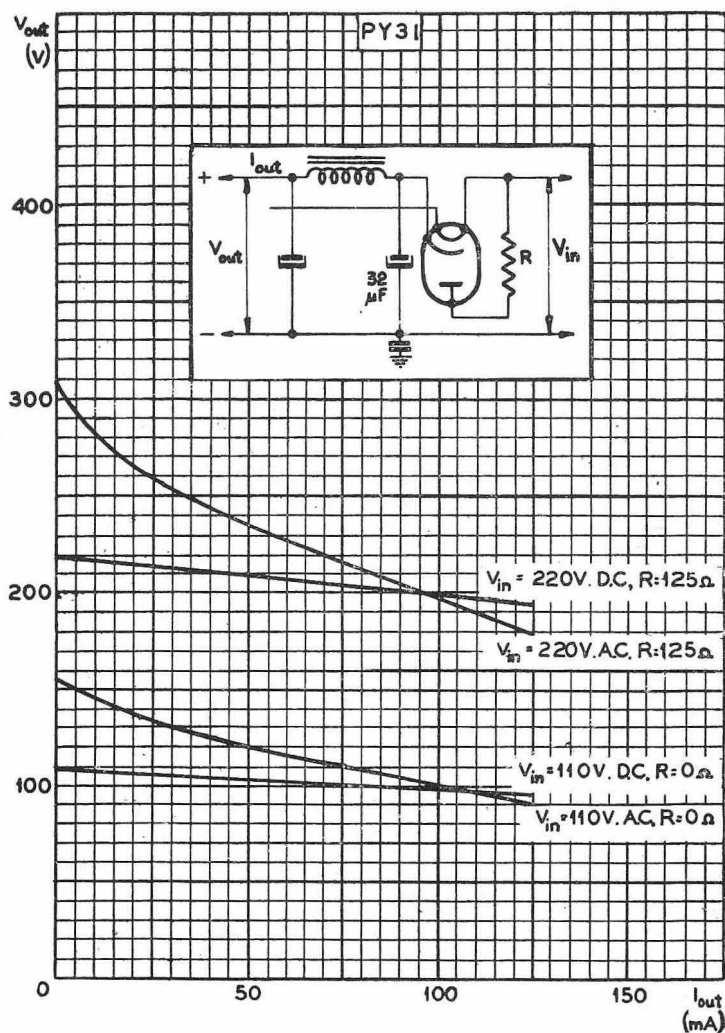


ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE

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REGULATION CURVE