

# FULL-WAVE RECTIFIER

Indirectly heated full-wave rectifier  
with a 5 volt heater.

# GZ37

## HEATER

$V_h$	5.0	V
$I_h$	2.8	A

## LIMITING VALUES

### Capacitor input

P.I.V. max.	1.6	kV
$i_{a(pk)}$ max. (per anode)	750	mA
$I_{out}$ max.	250	mA

### Choke input

P.I.V. max.	1.85	kV
$I_{out}$ max.	350	mA

## TYPICAL OPERATING CONDITIONS

### Capacitor input

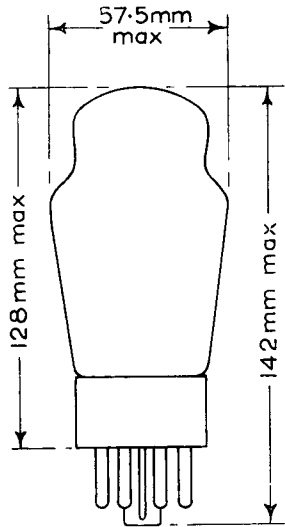
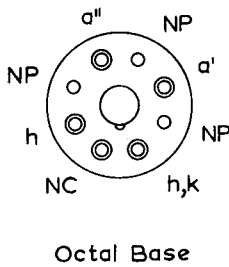
$V_{a(r.m.s.)}$	2 × 300	2 × 400	2 × 500	V
$I_{out}$	250	250	250	mA
C	4	4	4	μF
$R_{lim}$ min (per anode)	75	75	75	Ω
$V_{out}$ approx.	238	358	486	V

### Choke input

$V_{a(r.m.s.)}$	2 × 300	2 × 400	2 × 500	V
$I_{out}$	350	350	350	mA
L	10	10	10	H
$R_{choke}$	100	100	100	Ω
$V_{out}$ approx.	207	298	381	V

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