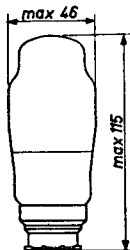
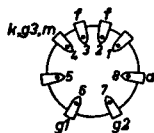
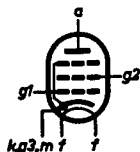


OUTPUT PENTODE
 PENTHODE DE SORTIE
 ENDPENTHOLE

Heating : indirect; parallel supply
 Chauffage: indirect; alimentation-
 parallèle
 Heizung : indirekt; Parallelspeisung

$V_f = 6,3 \text{ V}$
 $I_f = 0,9 \text{ A}$

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: P

Operating characteristics class A
 Caractéristiques d'utilisation classe A
 Betriebsdaten Klasse A

| | | |
|---------------------------------|---|----------------|
| V_a | = | 250 V |
| V_{g2} | = | 250 V |
| R_k | = | 150 Ω |
| V_{g1} | = | -6 V |
| I_a | = | 36 mA |
| I_{g2} | = | 4 mA |
| S | = | 9 mA/V |
| R_1 | = | 50 k Ω |
| R_a | = | 7 k Ω |
| W_o ($d_{tot} = 10\%$) | = | 4,5 W |
| V_1 ($d_{tot} = 10\%$) | = | 4,2 V_{eff} |
| V_1 ($W_o = 50 \text{ mW}$) | = | 0,35 V_{eff} |
| μ_{g2g1} | = | 23 |

Operating characteristics class AB
 Caractéristiques d'utilisation classe AB
 Betriebsdaten Klasse AB

| | | | |
|-----------|---|-------|------------|
| V_a | = | 250 | V |
| V_{g2} | = | 250 | V |
| R_k | = | 140 | Ω |
| R_{aa} | = | 10 | k Ω |
| V_i | = | 0 | V_{eff} |
| | | 6,7 | |
| I_a | = | 2x24 | 2x28,5 |
| | | | mA |
| I_{g2} | = | 2x2,8 | 2x4,6 |
| | | | mA |
| W_o | = | 0 | 8,2 |
| | | | W |
| d_{tot} | = | 0 | 3,1 |
| | | | % |

Limiting values
 Caractéristiques limites
 Grenzdaten

| | | |
|--------------------------------|--------|--------------|
| V_{ao} | = max. | 550 V |
| V_a | = max. | 250 V |
| W_a | = max. | 9 W |
| V_{g2o} | = max. | 550 V |
| V_{g2} | = max. | 275 V |
| $W_{g2} (V_i = 0)$ | = max. | 1,2 W |
| $W_{g2} (W_o = \max)$ | = max. | 2,5 W |
| I_k | = max. | 55 mA |
| $V_{g1} (I_{g1} = +0,3 \mu A)$ | = max. | -1,3 V |
| R_{g1} | = max. | 1 M Ω |
| V_{kf} | = max. | 100 V |
| R_{kf} | = max. | 5 k Ω |

Remark, Observation, Bemerkung

The tube should only be used with automatic or semi-automatic bias

Le tube ne sera utilisé qu'avec polarisation automatique ou semi-automatique

Die Röhre soll nur mit automatischer oder mit halb-automatischer Gittervorspannung verwendet werden

PHILIPS



*Electronic
Tube*

HANDBOOK

| page | EL3N sheet | date |
|-------------|-----------------------|-------------|
| 1 | 1 | 1953.08.08 |
| 2 | 2 | 1953.08.08 |
| 3 | FP | 1999.07.04 |