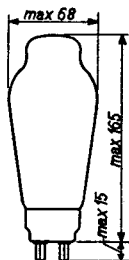
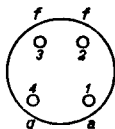
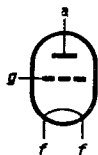


OUTPUT TRIODE
 TRIODE DE SORTIE
 ENDTRIODE

Heating : direct by A.C.;
 parallel supply
 Chauffage : direct par C.A.; Vf= 4 V
 alimentation en parallèle If=2,1 A
 Heizung : direkt durch Wechselstrom;
 Parallelspeisung



Capacities
 Capacités
 Kapazitäten

$C_{ag} < 7 \text{ pF}$

Operating conditions class B
 Caractéristiques d'utilisation classe B
 Betriebsdaten Klasse B

| | | | | |
|-----------|---|----------------|----------------|------------------|
| V_a | = | 1000 | 1500 | V |
| V_g | = | -93 | -144 | V |
| $R_{aa'}$ | = | 20 | 40 | k Ω |
| V_i | = | 0 65 | 0 105 | V _{eff} |
| I_a | = | 2x10 2x45 | 2x10 2x41 | mA |
| W_o | = | 0 41 | 0 68 | W |
| d | = | - 2,4 | - 1,9 | % |

4641

"Miniwatt"

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

| | | | | |
|-----------|---|------|------------|----|
| V_a | = | 1000 | V | |
| R_k | = | 1,7 | k Ω | |
| $R_{aa'}$ | = | 35 | k Ω | |
| V_i | = | 0 | V_{eff} | |
| I_a | = | 2x25 | 2x28 | mA |
| W_o | = | 0 | 29 | W |
| d | = | - | 4,5 | % |

Limiting values
 Caractéristiques limites
 Grenzdaten

| | | |
|------------------------|--------|----------------|
| V_{a_0} | = max. | 3000 V |
| V_a | = max. | 1500 V |
| W_a | = max. | 25 W |
| I_k | = max. | 60 mA |
| $V_g (I_g=+0,3 \mu A)$ | = max. | -2 V |
| $R_g (B)$ | = max. | 0,1 M Ω |
| $R_g (AB)$ | = max. | 0,3 M Ω |

PHILIPS



*Electronic
Tube*

HANDBOOK

| page | 4641 sheet | date |
|-------------|-----------------------|-------------|
| 1 | 1 | 1948.08.25 |
| 2 | 2 | 1948.08.25 |
| 3 | FP | 1999.06.07 |