

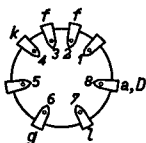
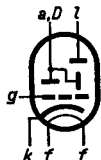
TUNING INDICATOR  
INDICATEUR D'ACCORD **EM 1**  
ABSTIMMANZEIGERÖHRE

Heating: indirect by A.C. or D.C.;  
parallel or series supply  
Chauffage: indirect par C.A. ou C.C.;  
alimentation en parallèle  
ou en série  
Heizung: indirekt durch Wechsel-  
oder Gleichstrom; Serien-  
oder Parallelspeisung

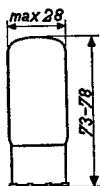
$V_f = 6,3 \text{ V}$

$I_f = 0,200 \text{ A}$

Dimensions in mm  
Dimensions en mm  
Abmessungen in mm



Base, culot, Sockel: P



Operating characteristics  
Caractéristiques d'utilisation  
Betriebsdaten

|                               |   |      |      |    |
|-------------------------------|---|------|------|----|
| $V_b$                         | = | 200  | 250  | V  |
| $R_a$                         | = | 2    | 2    | MΩ |
| $I_f$ ( $V_g = 0 \text{ V}$ ) | = | 0,13 | 0,13 | mA |
| $I_a$ ( $V_g = 0 \text{ V}$ ) | = | 75   | 95   | μA |
| $V_g$ ( $\beta = 16^\circ$ )  | = | -    | 0    | V  |
| $V_g$ ( $\beta = 20^\circ$ )  | = | 0    | -    | V  |
| $V_g$ ( $\beta = 90^\circ$ )  | = | -4   | -5   | V  |

Limiting values  
Caractéristiques limites  
Grenzdaten

|                                    |        |        |
|------------------------------------|--------|--------|
| $V_{a0}$                           | = max. | 550 V  |
| $V_a$                              | = max. | 250 V  |
| $V_{l0}$                           | = max. | 550 V  |
| $V_l$                              | = max. | 250 V  |
| $V_g$ ( $I_g = +0,3 \mu\text{A}$ ) | = max. | -1,3 V |
| $V_{kf}$                           | = max. | 100 V  |
| $R_{kf}$                           | = max. | 5 kΩ   |
| $R_g$                              | = max. | 2,5 MΩ |

**PHILIPS**



*Electronic  
Tube*

**HANDBOOK**

| <b>page</b> | <b>EM1<br/>sheet</b> | <b>date</b> |
|-------------|----------------------|-------------|
| 1           | 1                    | 1953.04.04  |
| 2           | FP                   | 1999.07.10  |