

PHILIPS

4654 4654K

OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

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

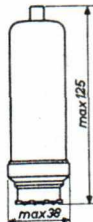
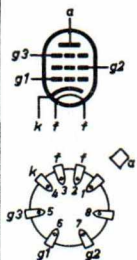
$V_f = 6,3 \text{ V}$

$I_f = 1,35 \text{ A}$

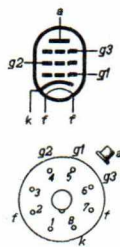
Dimensions in mm
Dimensions en mm
Abmessungen in mm

4654

4654K



Base
Culot P
Sockel



Base
Culot Octal
Sockel

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

V_a	=	250	V
V_{g2}	=	275	V
V_{g3}	=	0	V
R_k	=	175	Ω
I_a	=	72	mA
I_{g2}	=	8	mA
S	=	8,5	mA/V
μ_{g2g1}	=	11	-
R_i	=	22	k Ω
R_a	=	3,5	k Ω
$V_i(I_{g1}=+0,3\mu A)$	=	11,5	V_{eff}
$W_o(I_{g1}=+0,3\mu A)$	=	9,2	W
$dt_{tot}(I_{g1}=+0,3\mu A)$	=	11,4	%
$V_i(W_o = 50 \text{ mW})$	=	0,5	V_{eff}

4654 4654K

PHILIPS

Operating characteristics class B and AB
Caractéristiques d'utilisation classe B et AB
Betriebsdaten Klasse B und AB

	B		B		AB	
$R_{aa} \sim$	=	5		5	6,5	k Ω
R_{g2}	=	500		500	2000	Ω
V_{g1}	=	-38		-32	-	V
R_k	=	-		-	265	Ω
V_{g3}	=	0		0	0	V
V_{i1}	=	0	26,5	0	22,4	0
V_{ba}	=	425	425	375	375	425
V_a	=	420	400	370	350	-
$V_a + V_{Rk}$	=	-	-	-	-	405
V_{bg2}	=	425	425	375	375	425
I_a	=	2x20	2x93	2x20	2x79	2x46,5
I_{g2}	=	2x2,2	2x21	2x2,2	2x17	2x5,4
W_o	=	0	48	0	35	0
dt_{tot}	=	-	2,5	-	2,5	-

Limiting values
Caractéristiques limites
Grenzdaten

V_{a0}	= max.	1200 V
V_a	= max.	600 V
W_a	= max.	18 W
V_{g20}	= max.	1000 V
V_{g2}	= max.	425 V
$W_{g2}(V_{i1}=0)$	= max.	3 W
$W_{g2}(W_o = \text{max.})$	= max.	10 W
I_k	= max.	120 mA
$V_{g1}(I_{g1}=+0,3\mu A)$	= max.	-1,3 V
$R_{g1}(A, AB)$	= max.	0,7 M Ω
$R_{g1}(B)$	= max.	0,5 M Ω
V_{kf}	= max.	50 V
R_{kf}	= max.	20 k Ω