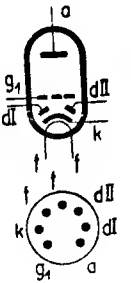
Type / Application	Dimensions / Base	Heating	Operational Data	Maximum Ratings
6BC32 **EBC91**	Size M 3	Static data		



AF triode-twin diode
AF resistance-coupled amplifier and RF rectifier

Heating

U_f	6,3	V
I_f	0,3	A
I_f	0,3	A
U_f	6,3	V

Indirect heating

U_a	250	V
U_{g1}	−2	V
I_a	1	mA
S	1,55	mA/V
μ	100	
R_i	62,5	kΩ
I_{az}	(U_{g1} = −4,5 V) <0,15	mA
U_d	4	V
I_d	>0,15	mA

Operational Data

AF resistance-coupled amplifier

U_b	180	300	300	V
R_a	0,22	0,22	0,47	MΩ
R_k	3,9	3,1	5,9	kΩ
R_{g1}	1	1	1	MΩ
R_{g1}'	1	1	2,2	MΩ
C_k	1,8	2,1	1,1	μF
C_v 1)	3	3	2	kpF
$U_{a\,sp}$	39	79	92	V
V	63	68	75	

1) Coupling capacitor

Kapacitances

C_{g1}	2	pF
C_a	0,65	pF
$C_{a/g1}$	2	pF
$C_{d/g1}$	<0,04	pF
$C_{d/k}$	<1,2	pF

Maximum Ratings

Triode

U_{ao}	500	V
U_a	330	V
W_a	0,5	W
$+U_{g1}$	0	V
$-U_{g1}$	−50	V
R_{g1} (p)	1	MΩ
R_{g1}	3	MΩ
R_{g1} 1)	10	MΩ
$R_k/_f$	20	kΩ
$U_{k/f}$	90	V
I_k	8	mA

Diodes

$U_{d\,sp}$	90	V
I_d	1	mA
$I_{d\,sp}$	6	mA

1) U_{g1} produced by R_{g1}