EL360

US equivalent not known. Close to 6CM5 but with higher power and voltage ratings.

Pentode for use as output tube. Beam power tetrode for use as sweep tube.

Cool tube with top cap. Looks like a low power version of 6146. The triode curves look very good.

Vf = 6.3V, If = 1270mA

Pinout octal

1,3: Don't connect, 2,7: Heater, 4: Screen, 5: Grid, 6: not there, 8: cathode and beam plates

Top cap: Plate

Curves (Sorry for the picture quality)

- **Ia/Va triode (0-1000V)** 36 kbyte GIF image
- **Ia/Va triode (0-500V)** 25 kbyte GIF image
- **Ia/Va pentode at Vg2=250V** 17 kbyte image

Typical characteristics

Va	100V	250V
Vg2	100V	250V
Vg1	-6.3V	-46V
Ia	120mA	48mA
Ig2	8.3mA	5.5mA
S	16.5mA/V	6.9mA/V
Ri	3.7k	13.5k
μg2g1	6	5

Limiting values

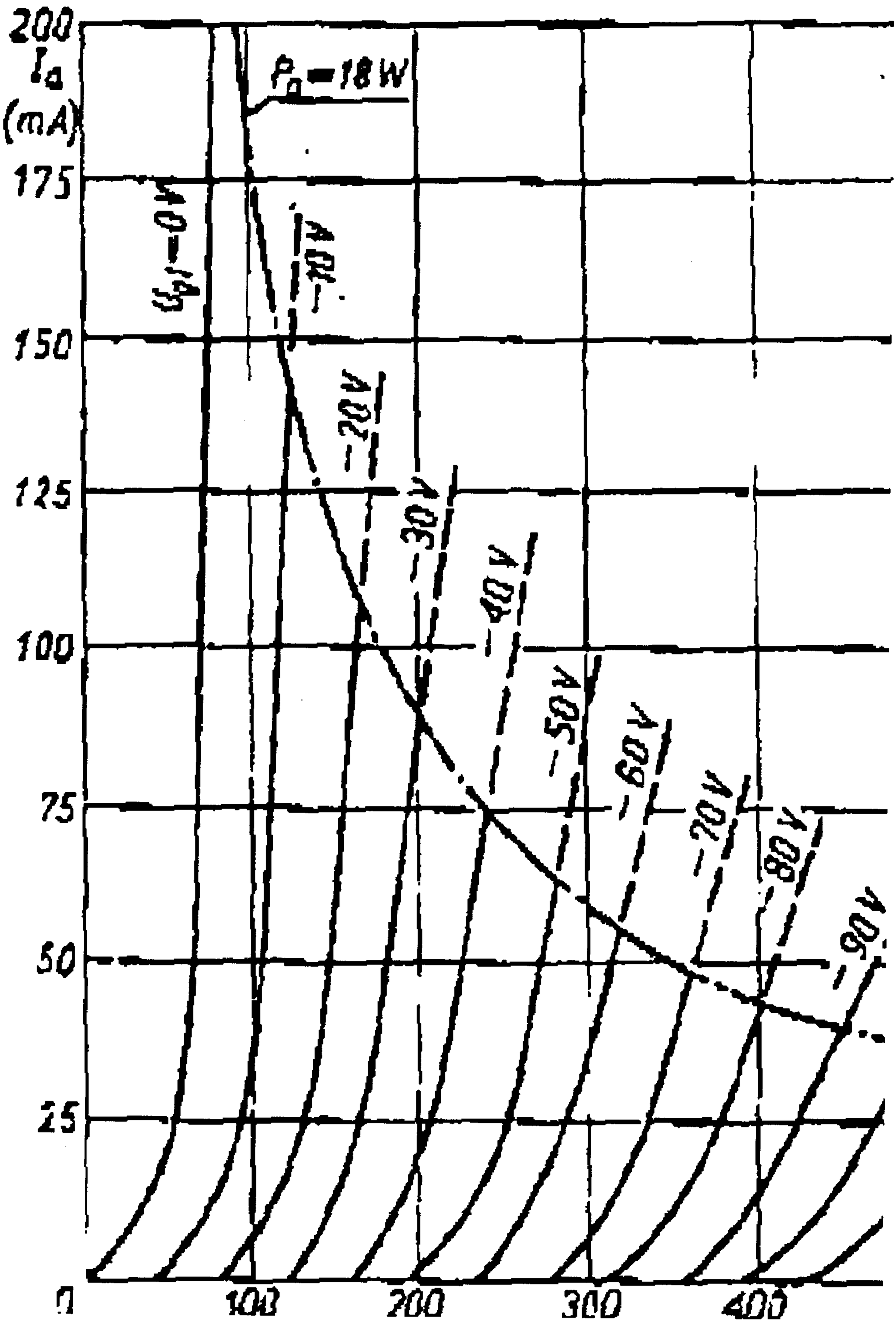
Pa = 15W, Pg2 = 5W, Ik = 200mA, Vkf < 200V

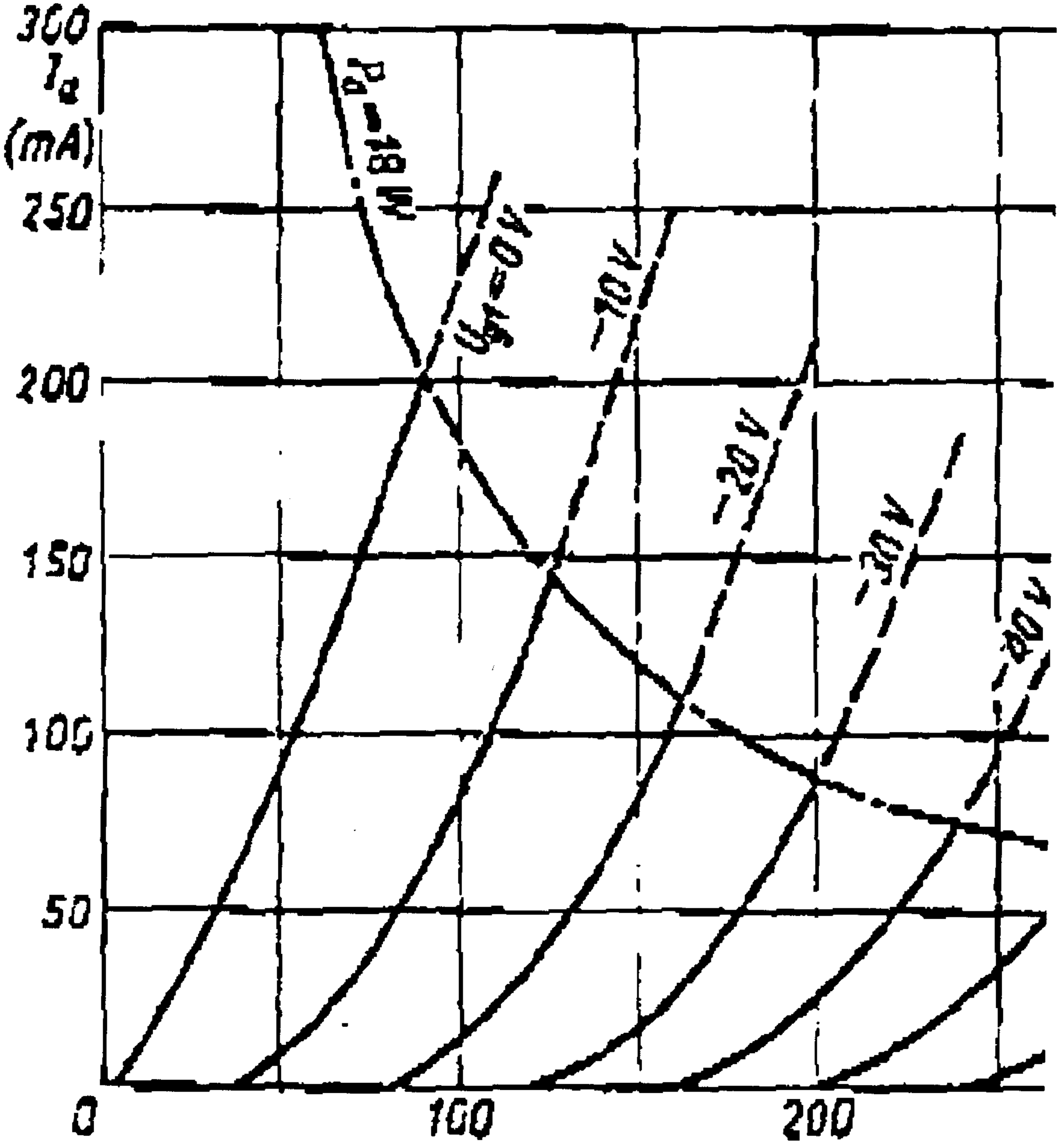
Va = 800V, Vg2 = 400V

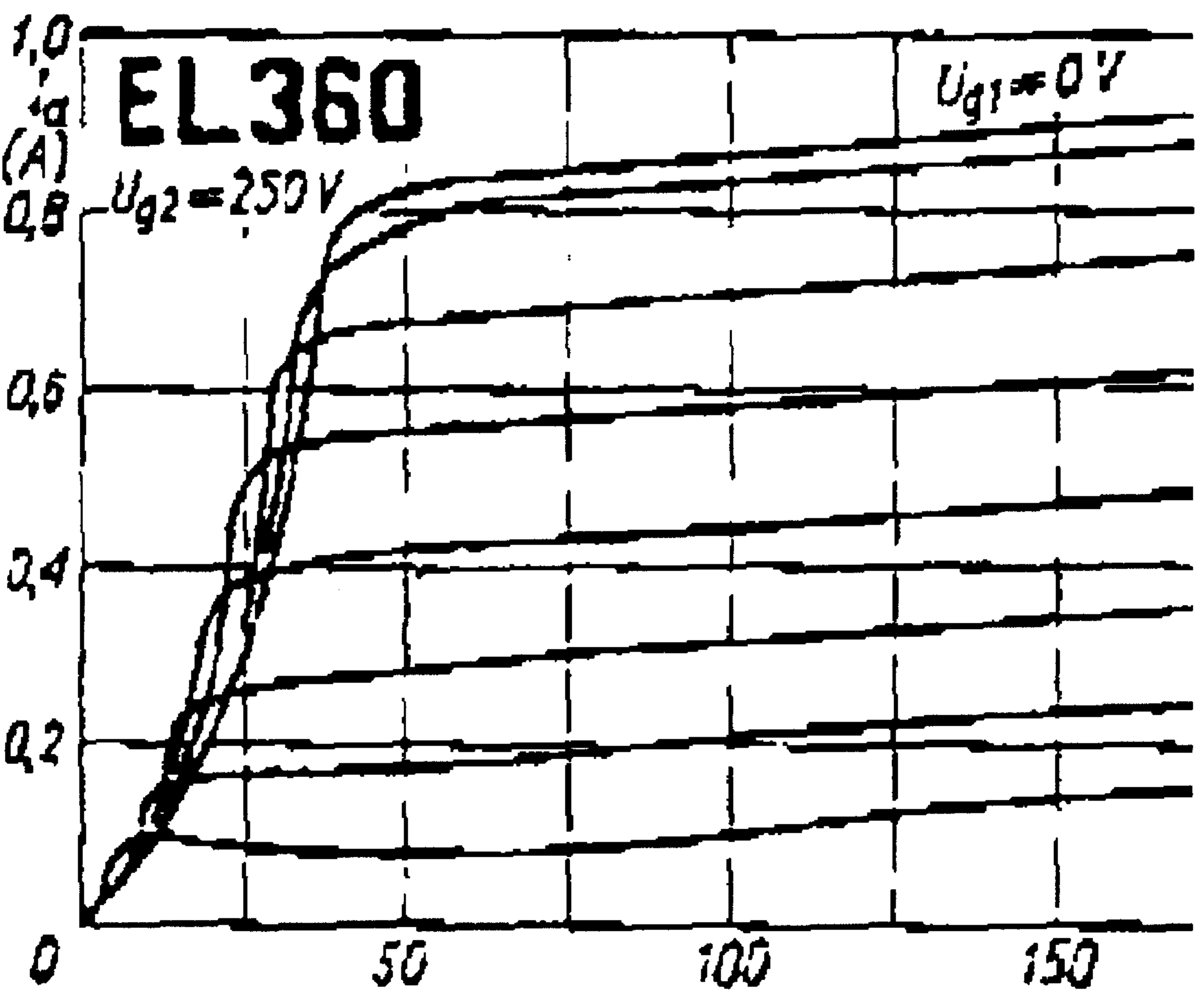
-1500V < Va < 7000V at +66V > Vg1 > -1000V and Ik < 4A for a pulse duration of max 1 μs

Capacitances

Cg1 = 17.5pF, Ca = 7.7pF, Cag1 < 1.1pF


200
I_a
(mA)
175
150
125
100
75
50
25
0
100
200
300
400
$P_a = 18\,W$
$E_{b1} = 0\,V$
-10 V
-20 V
-30 V
-40 V
-50 V
-60 V
-70 V
-80 V
-90 V


300
I_a
(mA)
250
200
150
100
50
0
100
200
V_{gk} = 0 V
-10 V
-20 V
-30 V
-40 V


EL360
U_{g1} = 0 V
U_{g2} = 250 V
i_a (A)
1,0
0,8
0,6
0,4
0,2
0
50
100
150