| T. | | | $U_f$ | $I_f$ | Cl. | $U_b$ | $U_a$ | $U_{g2}$ | $U_{g1}$ | $I_a$ | $I_{g2}$ | $S$ | $R_i$ | $R_o$ | $P_o$ | $U_{g1\approx}$ | $h$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | V | mA | | V | V | V | V | mA | mA | mA/V | kΩ | kΩ | mW | V | % |
| DL 41 | eur | 1 | 1,4 | 50 | A 1 | | 90 | 90 | − 3,6 | 4 | 0,65 | 1,25 | 175 | 22,5 | 160 | 3,0 | 10 |
| **DL 101** | TuM | 2 | | | | | 120 | 120 | − 5,8 | 5 | 0,82 | 1,35 | 165 | 24 | 270 | 3,5 | 10 |
| | | | 1,4 | 100 | A 1 | | 90 | 90 | − 3,6 | 8 | 1,3 | 2,45 | 90 | 11,3 | 330 | 3,1 | 10 |
| | | | | | | | 120 | 120 | − 5,65 | 10 | 1,65 | 2,55 | 80 | 12 | 550 | 3,8 | 10 |
| | | | 2,8 | 50 | A 1 | | 90 | 90 | − 3,6 | 6 | 0,95 | 2,2 | 100 | 15 | 235 | 2,6 | 10 |
| | | | | | | | 120 | 120 | − 5,45 | 9 | 1,45 | 2,45 | 95 | 13,5 | 490 | 3,5 | 10 |
| | | | 1,4 | 50×2 | B | 90 | 84 | 84 | − 5,8 | (1,5÷ 4,9)×2 | (0,25÷1,25)×2 | | | 18 | 420 | 4,8 | 3,6 |
| | | | 1,4 | 100×2 | B | 90 | 84 | 84 | − 6,4 | (1,5÷ 5,3)×2 | (0,25÷1,5) ×2 | | | 18 | 475 | 5,0 | 5 |
| | | | | | | 165 | 150 | 150 | −13,2 | (1,5÷11,5)×2 | (0,25÷4) ×2 | | | 15 | 2100 | 10,6 | 5 |
| | | | 2,8 | 50×2 | B | 165 | 150 | 150 | −12,6 | (1,5÷11) ×2 | (0,25÷3,3) ×2 | | | 15 | 1850 | 10 | 3,5 |
| | | | | | | | 150 | 150 | maximum ($R_{g1}$ = 2 MΩ; $\mu_{(g2/g1)}$ = 10; $I_{g1}$ = 0,3 µA, $U_{g1}$ = −0,2 V; $I_k$ = 16 mA; $P_a$ = 1,2 W; $P_{g2}$ = 0,3 W) | | | | | | | | |
| | | | 1,4 | 50 | A 1 | | 86 | 86 | − 4,5 | 4,5 | 0,9 | 1 | 180 | 20 | 150 | 3,9 | 10 |
| | | | | | | | 90 | 90 | − 5,5 | 4 | 0,8 | 1 | 200 | 20 | 170 | 4,1 | 10 |
| | | | | | | | 113 | 113 | − 7,5 | 5 | 1 | 1 | 180 | 20 | 250 | 5,1 | 10 |
| | | | | | | | 120 | 120 | − 8,5 | 5 | 1 | 1 | 200 | 20 | 290 | 5,1 | 10 |
| | | | 1,4 | 100 | A 1 | | 86 | 86 | − 4,5 | 8 | 1,8 | 2 | 110 | 8 | 280 | 4,0 | 10 |
| | | | | | | | 90 | 90 | − 5,1 | 8 | 1,8 | 2 | 110 | 8 | 310 | 4,1 | 10 |
| | | | | | | | 113 | 113 | − 7,1 | 10 | 2,3 | 2 | 110 | 8 | 500 | 4,9 | 10 |
| | | | | | | | 120 | 120 | − 8,1 | 10 | 2,3 | 2 | 110 | 8 | 550 | 5,0 | 10 |
| **DL 94** | eur | 2 | 2,8 | 50 | A 1 | | 86 | 86 | − 4,3 | 7 | 1,5 | 1,9 | 120 | 10 | 250 | 3,7 | 10 |
| **DL 95** | eur | 3 | | | | | 90 | 90 | − 4,2 | 8 | 1,7 | 2 | 120 | 10 | 280 | 3,8 | 10 |
| **2 II 1 II** | CCCP | 4 | | | | | 113 | 113 | − 7,2 | 9 | 1,8 | 2 | 120 | 10 | 420 | 4,4 | 10 |
| | | | | | | | 120 | 120 | − 8,1 | 9 | 1,8 | 2 | 120 | 10 | 500 | 4,8 | 10 |
| (2 Π 1 Π $U_f$= 1,2/2,4 V $I_f$ = 120/60 mA) | | | 1,4 | 50×2 | A 2 | | 85 | 85 | − 5,4 | 3,3×2 | 0,7×2 | | | 28 | 320 | 4,8 | 8 |
| | | | | | | | 90 | 90 | − 5,5 | 4 ×2 | 0,8×2 | | | 28 | 340 | 4,8 | 8 |
| | | | | | | | 113 | 113 | − 7,5 | 5 ×2 | 1 ×2 | | | 28 | 650 | 6,6 | 10 |
| | | | | | | | 120 | 120 | − 8,5 | 5 ×2 | 1 ×2 | | | 28 | 750 | 7,5 | 10 |
| | | | 1,4 | 100×2 | A 2 | | 85 | 85 | − 5,2 | 6,5×2 | 1,4×2 | | | 14 | 550 | 4,5 | 10 |
| | | | | | | | 90 | 90 | − 5,1 | 8 ×2 | 1,8×2 | | | 14 | 650 | 4,4 | 10 |
| | | | | | | | 113 | 113 | − 7,1 | 10 ×2 | 2,3×2 | | | 14 | 1160 | 5,9 | 10 |
| | | | | | | | 120 | 120 | − 8,1 | 10 ×2 | 2,3×2 | | | 14 | 1300 | 6,8 | 10 |
| | | | 2,8 | 50×2 | A 2 | | 85 | 85 | − 4,8 | 5,5×2 | 1,2×2 | | | 16 | 500 | 4,3 | 10 |
| | | | | | | | 90 | 90 | − 5,2 | 6 ×2 | 1,3×2 | | | 16 | 550 | 4,8 | 10 |
| | | | | | | | 113 | 113 | − 7,2 | 8 ×2 | 1,8×2 | | | 14 | 1000 | 6,0 | 10 |
| | | | | | | | 120 | 120 | − 8,2 | 8 ×2 | 1,8×2 | | | 14 | 1200 | 6,9 | 10 |

| T. | | | $U_f$ | $I_f$ | Cl. | $U_b$ | $U_a$ | $U_{g2}$ | $U_{g1}$ | $I_a$ | $I_{g2}$ | $S$ | $R_i$ | $R_o$ | $P_o$ | $U_{g1\approx}$ | $h$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | V | mA | | V | V | V | V | mA | mA | mA/V | kΩ | kΩ | mW | V | % |
| | | | 1,4 | 50×2 | B | | 82 | 82 | − 7,5 | (1 ÷ 3) ×2 | (0,2 ÷1) ×2 | | | 28 | 265 | 6,4 | 4 |
| | | | | | | | 90 | 90 | − 8,5 | (1 ÷ 3,2) ×2 | (0,2 ÷1,05)×2 | | | 28 | 300 | 7,2 | 3,5 |
| | | | 1,4 | 100×2 | B | | 82 | 82 | − 8,3 | (1,5÷ 5,25)×2 | (0,32÷1,75)×2 | | | 14 | 445 | 6,6 | 4 |
| | | | | | | | 90 | 90 | − 9,8 | (1,5÷ 6,3) ×2 | (0,32÷2,25)×2 | | | 14 | 580 | 8,0 | 5 |
| | | | | | | | 108 | 108 | −12,2 | (1,5÷ 8) ×2 | (0,32÷2,6) ×2 | | | 14 | 900 | 10 | 5 |
| **DL 94** | eur | 2 | | | | | 120 | 120 | −13,7 | (1,5÷ 9) ×2 | (0,32÷3,1) ×2 | | | 14 | 1200 | 11 | 5, |
| **DL 95** | eur | 3 | | | | | 150 | 150 | −17,4 | (2 ÷12,5) ×2 | (0,42÷4,4) ×2 | | | 12 | 2150 | 13,3 | 4,5 |
| **2 П 1 П** CCCP | | 4 | | | | | 82 | 82 | − 7,6 | (1,5÷ 5,25)×2 | (0,32÷1,5) ×2 | | | 14 | 420 | 6,4 | 3,5 |
| (2 П 1 П | | | | | | | 90 | 90 | − 8,8 | (1,5÷ 5,75)×2 | (0,32÷1,7) ×2 | | | 14 | 530 | 7,6 | 4,0 |
| $U_f$= 1,2/2,4 V | | | 2,8 | 50×2 | B | | 108 | 108 | −11 | (1,5÷ 7,5) ×2 | (0,32÷2,4) ×2 | | | 14 | 850 | 9,0 | 4,0 |
| $I_f$ = 120/60 mA) | | | | | | | 120 | 120 | −13 | (1,5÷ 8,5) ×2 | (0,32÷3) ×2 | | | 14 | 1100 | 10 | 6,0 |
| | | | | | | | 150 | 150 | −16,8 | (2 ÷11,5) ×2 | (0,47÷4,3) ×2 | | | 14 | 2000 | 13 | 4,5 |
| | | | 1,4 | 100×2 | AB | 120 | ($R_k$ = 470 Ω) | | | (5,7÷ 7,65)×2 | (1,25÷2,9) ×2 | (Fig.7) | | 14 | 900 | 9,9 | 5,0 |
| | | | 2,8 | 50×2 | AB | 120 | ($R_k$ = 470 Ω) | | | (5,3÷ 7,5) ×2 | (1,1 ÷2,6) ×2 | (Fig.7) | | 14 | 850 | 9,7 | 5,0 |
| | | | 1,4 | 100 | A 1 | | 90 | — | − 4,5 | 11,6 | — | 2,5 | 3 | $\mu_{(a/g1)}$ = 3 (Fig. 10) | | | |
| | | | | | | | 150 | 150 | | maximum ($R_{g1}$ = 1 MΩ; $\mu_{(g2/g1)}$ = 7,3; $I_{g1}$ = 0,3 μA, $U_{g1}$ = 0 V; $I_k$ = 12 mA; $P_a$ = 1,2 W; $P_{g2}$ = 0,45 W) | | | | | | | |
| | | | 1,4 | 25 | A 1 | 67,5 | 64 | 64 | − 3,3 | 1,75 | 0,33 | 0,65 | 340 | 30 | 50 | 2,6 | 10 |
| | | | | | | 90 | 85 | 85 | − 5,2 | 2,5 | 0,45 | 0,7 | 300 | 25 | 100 | 3,5 | 10 |
| | | | 1,4 | 50 | A 1 | 67,5 | 64 | 64 | − 3,3 | 3,5 | 0,65 | 1,3 | 170 | 15 | 100 | 2,6 | 10 |
| | | | | | | 90 | 85 | 85 | − 5,2 | 5 | 0,9 | 1,4 | 150 | 13 | 200 | 3,5 | 10 |
| | | | 2,8 | 25 | A 1 | | 90 | 90 | − 6,3 | 3,7 | 0,7 | ($R_k$ = 680 Ω; Fig. 7) | | 20 | 150 | 2,8 | 10 |
| **DL 96** | eur | 2 | | | | | | | | | | | | | | | |
| | | | 1,4 | 50×2 | B | 67,5 | 61,5 | 61,5 | − 5,8 | (0,75÷3,4) ×2 | (0,14÷0,95)×2 | | | 20 | 220 | 5,7 | 3,0 |
| | | | | | | 90 | 81,5 | 81,5 | − 8,5 | (1 ÷5) ×2 | (0,18÷1,3) ×2 | | | 16 | 440 | 7,9 | 2,6 |
| | | | 1,4 | 50×2 | AB | 67,5 | ($R_k$ = 470 Ω) | | | (2,3 ÷3,4) ×2 | (0,43÷0,95)×2 | (Fig. 8) | | 20 | 220 | 5,7 | 3,0 |
| | | | | | | 90 | ($R_k$ = 560 Ω) | | | (3,25÷4,75)×2 | (0,6 ÷1,5) ×2 | (Fig. 8) | | 20 | 420 | 7,9 | 4,0 |
| | | | 2,8 | 25×2 | AB | 67,5 | ($R_k$ = $R_f$ = 470 Ω) | | | (1,95÷3,1) ×2 | (0,36÷0,8) ×2 | (Fig. 9) | | 20 | 200 | 5,6 | 3,6 |
| | | | | | | 90 | ($R_k$=560 Ω; $R_f$ = 330 Ω) | | | (2,85÷4,4) ×2 | (0,52÷1,25)×2 | (Fig. 9) | | 20 | 400 | 7,7 | 4,0 |
| | | | | | | | 90 | 90 | | maximum ($R_{g1}$ = 2 MΩ; $\mu_{(g2/g1)}$ = 7; $I_{g1}$ = 0,3 μA, $U_{g1}$ = 0 V; $I_k$ = 6 mA; $P_a$ = 0,6 W; $P_{g2}$ = 0,2 W) | | | | | | | |

| T. | $C_{g1/k}$ pF | $C_{a/k}$ pF | $C_{g1/a}$ pF | T. | $C_{g1/k}$ pF | $C_{a/k}$ pF | $C_{g1/a}$ pF | T. | $C_{g1/k}$ pF | $C_{a/k}$ pF | $C_{g1/a}$ pF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DL 41 | 4,7 | 5,3 | 0,5 | DL 96 | 5 | 4,7 | 0,4 | 1 P 11 | 5,5 | 3,8 | 0,2 |
| DL 94 | 5 | 3,8 | 0,4 | N 18 | 5,6 | 5,3 | 0,35 | 2 П 1 П | 5,5 | 4 | 0,5 |
| DL 95 | 5 | 3,8 | 0,4 | N 19 | 5,6 | 5,3 | 0,35 | 3 V 4 | 5,5 | 3,8 | 0,2 |

**Equivalents**

| | | | | | |
|---|---|---|---|---|---|
| **N 18** | MOG | = DL 95 | **2 L 32** | Tes | = 2 П 1 П |
| **N 19** | MOG | = DL 94 | *2 П 1 M* | CCCP | = 2 П 1 П |
| **N 25** | MOG | = DL 96 | **3 C 4** | amer | = DL 96 |
| **1 P 1** | Maz | = DL 96 | 3 Q 4 | amer | = DL 95 |
| **1 P 11** | Maz | = DL 94 | 3 V 4 | amer | = DL 94 |

Fig. 1

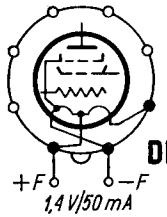



Fig. 2

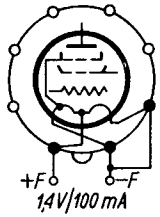



Fig. 3

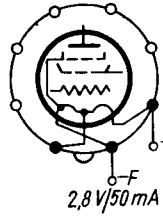
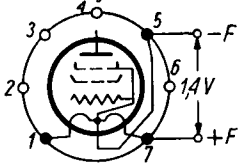
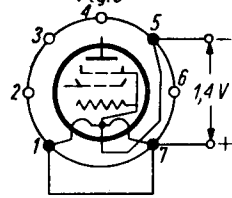



Fig. 4



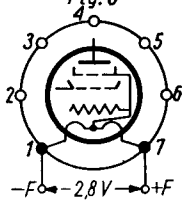

| | $I_f$ (mA) |
|---|---|
| DL94 | 50 |
| DL95 | 50 |
| DL96 | 25 |
| DL101 | 50 |

Fig. 5




| | $I_f$ (mA) |
|---|---|
| DL94 | 100 |
| DL95 | 100 |
| DL96 | 50 |
| DL101 | 100 |

Fig. 6




| | $I_f$ (mA) |
|---|---|
| DL94 | 50 |
| DL95 | 50 |
| DL96 | 25 |
| DL101 | 50 |

Fig. 7

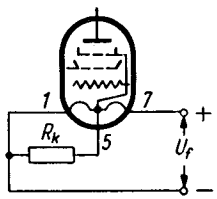



Fig. 8

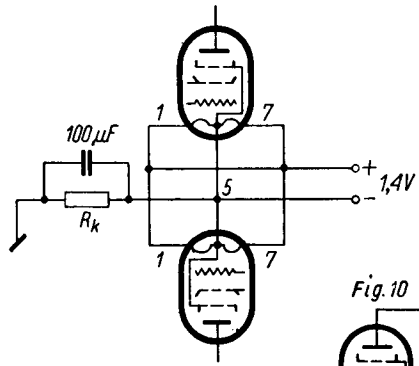



Fig. 9

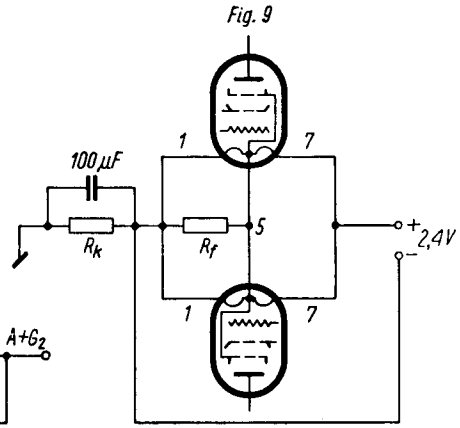
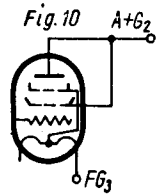
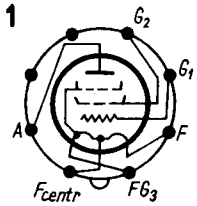



Fig. 10

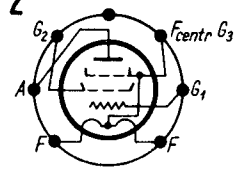



1



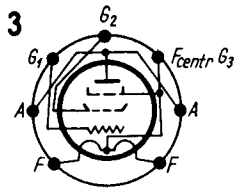

DL41

2



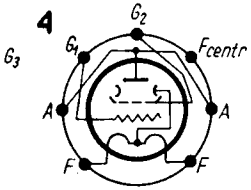

DL94

3

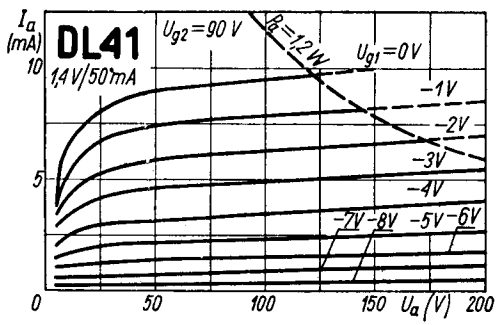


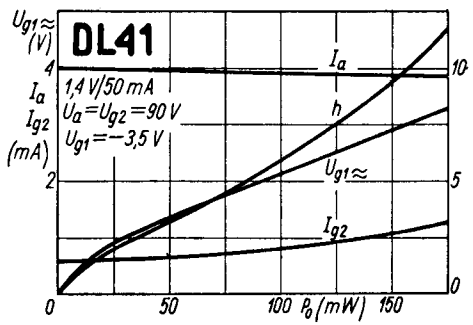

DL95

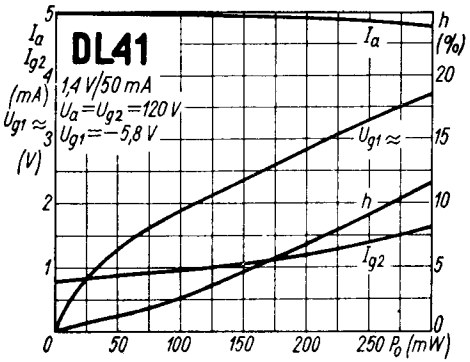
4

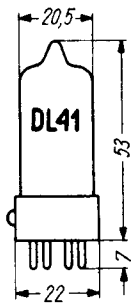


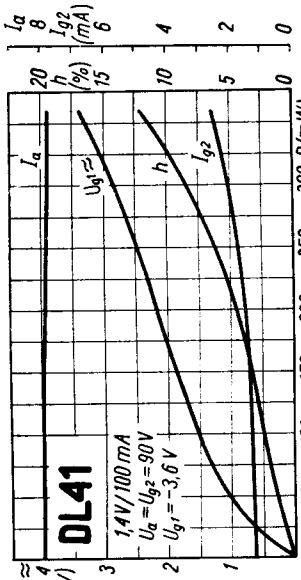

2П1П

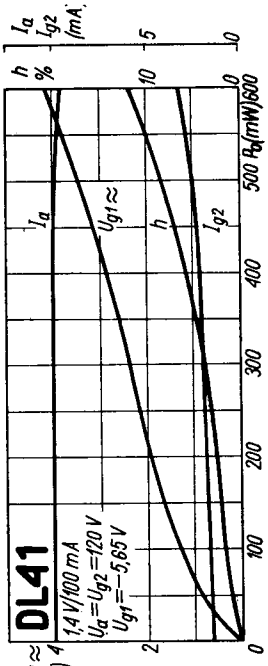


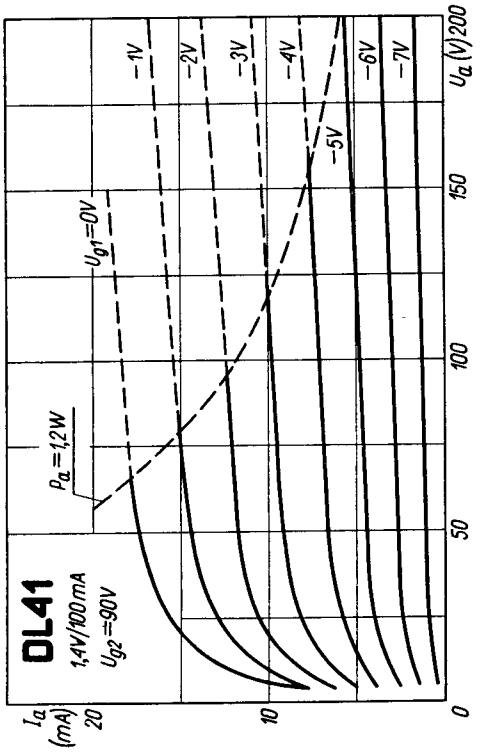



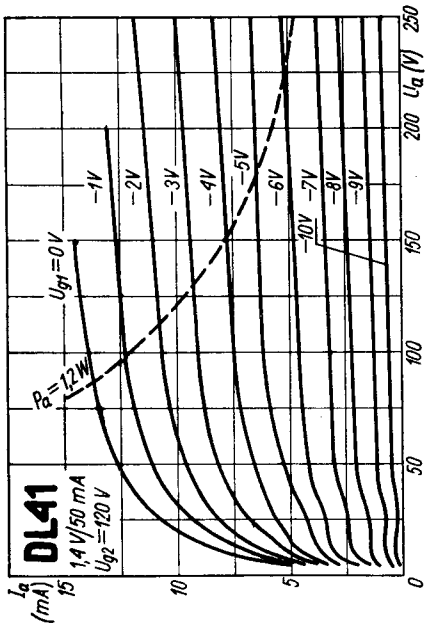



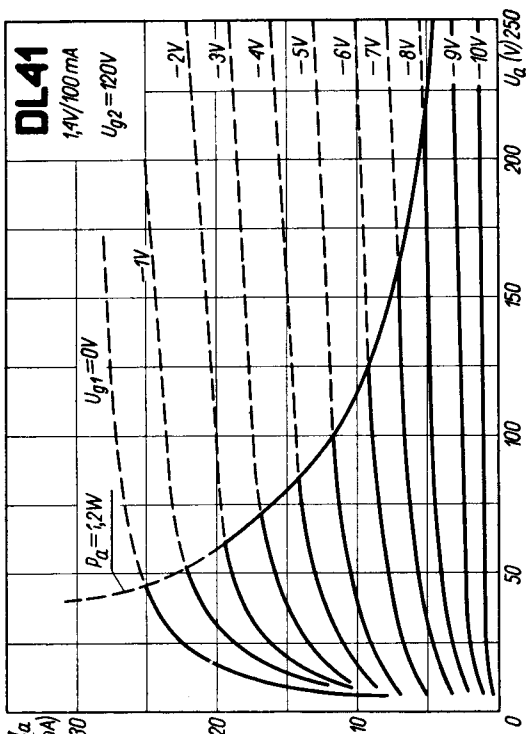



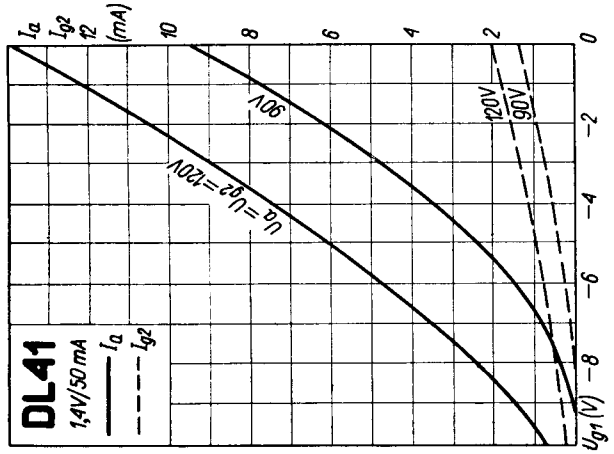

DL41
1,4 V/100 mA
$U_a = U_{g2} = 90$ V
$U_{g1} = -3,6$ V
$U_{g1}\approx$
$I_a$
$I_{g2}$
h
$P_a$(mW)

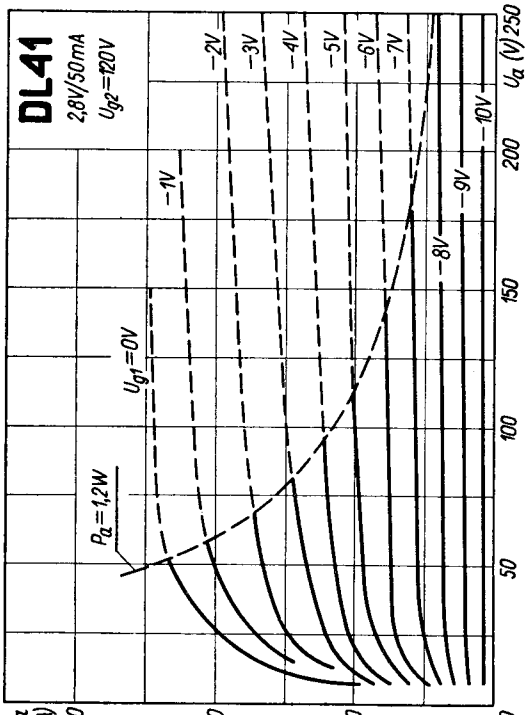

DL41
1,4 V/100 mA
$U_a = U_{g2} = 120$ V
$U_{g1} = -5,65$ V
$U_{g1}\approx$
$I_a$
$I_{g2}$
h
$P_a$(mW)

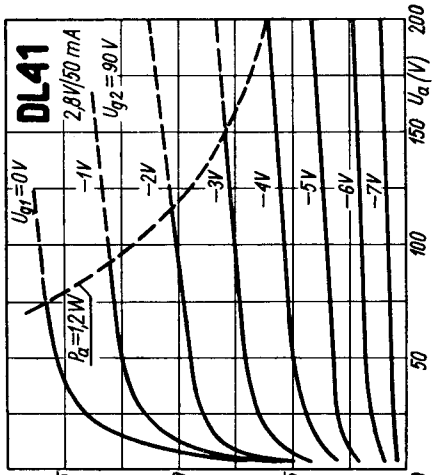

DL41
1,4 V/100 mA
$U_{g2} = 90$ V
$P_a = 1,2$ W
$U_{g1} = 0$ V
-1V
-2V
-3V
-4V
-5V
-6V
-7V
$I_a$ (mA)
$U_a$ (V)

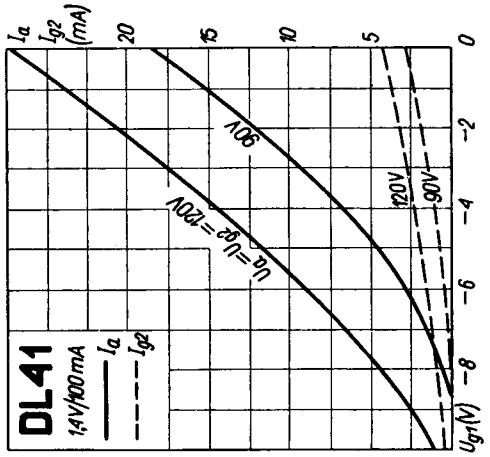

DL41
1,4 V/50 mA
$U_{g2} = 120$ V
$P_a = 1,2$ W
$U_{g1} = 0$ V
-1V
-2V
-3V
-4V
-5V
-6V
-7V
-8V
-9V
-10V
$I_a$ (mA)
$U_a$ (V)

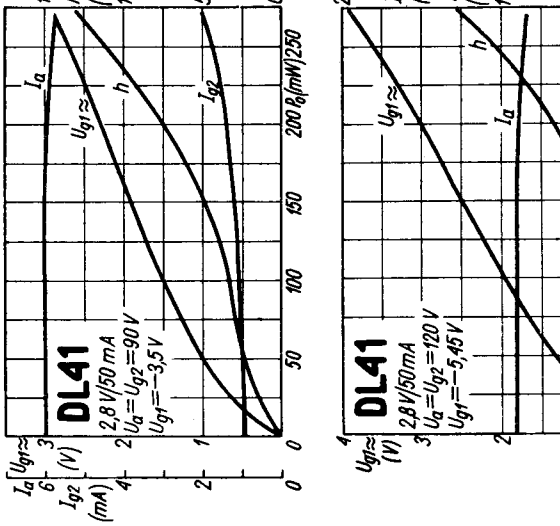

DL41
1,4 V/100 mA
$U_{g2} = 120$ V
$P_a = 1,2$ W
$U_{g1} = 0$ V
-1V
-2V
-3V
-4V
-5V
-6V
-7V
-8V
-9V
-10V
$I_a$ (mA)
$U_a$ (V)

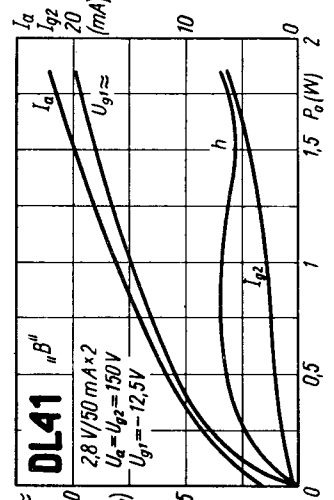

DL41
1,4 V/50 mA
$I_a$
$I_{g2}$
$U_a = U_{g2} = 120$ V
90V
120V
90V
$I_a$
$I_{g2}$ (mA)
$U_{g1}$ (V)

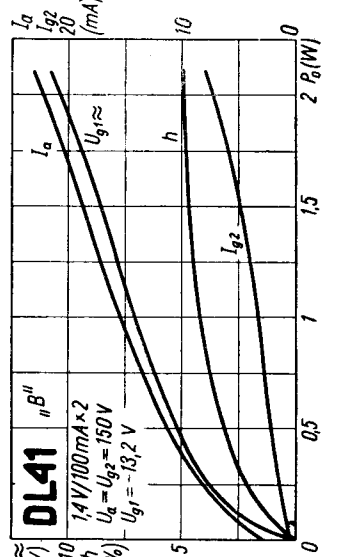

DL41
2,8V/50mA
$U_{g2}$=120V
$P_a$=1,2W
$U_{g1}$=0V
-1V
-2V
-3V
-4V
-5V
-6V
-7V
-8V
-9V
-10V
$I_a$ (mA)
$U_a$ (V)

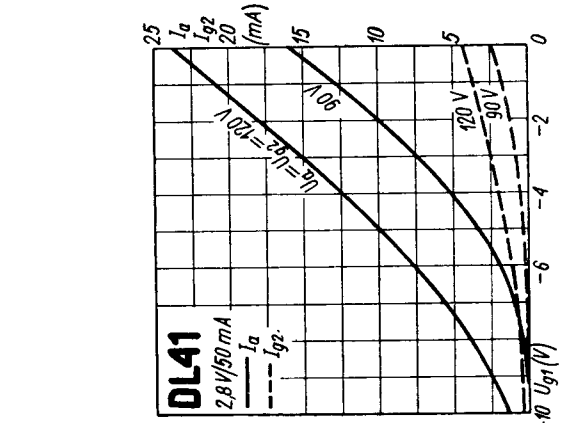

DL41
2,8V/50 mA
$U_{g2}$=90 V
$P_a$=1,2W
$U_{g1}$=0V
-1V
-2V
-3V
-4V
-5V
-6V
-7V
$I_a$ (mA)
$U_a$ (V)


DL41
1,4V/100mA
$I_a$
$I_{g2}$
$U_a$=$U_{g2}$=120V
90V
120V
$I_a$
$I_{g2}$ (mA)
$U_{g1}$ (V)


DL41
2,8V/50 mA
$I_a$
$I_{g2}$
$U_a$=$U_{g2}$=120V
90V
120 V
90 V
$I_a$
$I_{g2}$ (mA)
$U_{g1}$ (V)

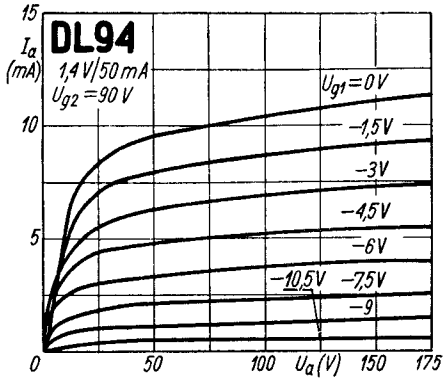

DL41
„B"
2,8 V/50 mA×2
$U_a$=$U_{g2}$=150 V
$U_{g1}$=-12,5V
$U_{g1}$≈
$I_a$
$I_{g2}$
h
$U_{g1}$≈ (V)
h (%)
$I_a$
$I_{g2}$ (mA)
$P_a$ (W)

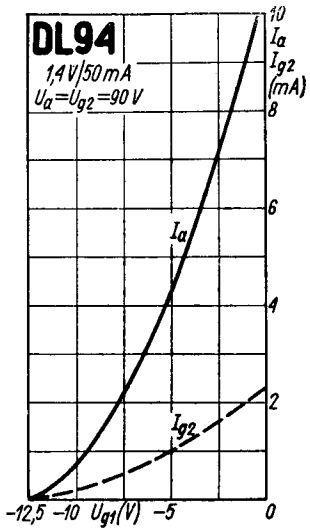

DL41
„B"
1,4 V/100 mA×2
$U_a$=$U_{g2}$=150 V
$U_{g1}$=-13,2 V
$U_{g1}$≈
$I_a$
$I_{g2}$
h
$U_{g1}$≈ (V)
h (%)
$I_a$
$I_{g2}$ (mA)
$P_a$ (W)

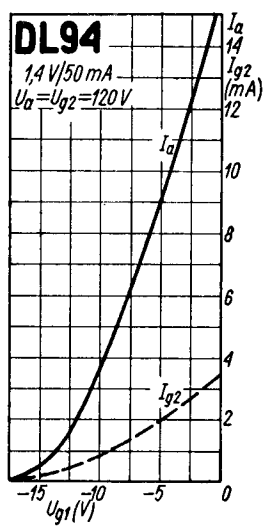

DL41
2,8 V/50 mA
$I_a$
$I_{g2}$
$U_a$=$U_{g2}$=120 V
90 V
120 V
$I_a$
$I_{g2}$ (mA)
$U_{g1}$ (V)

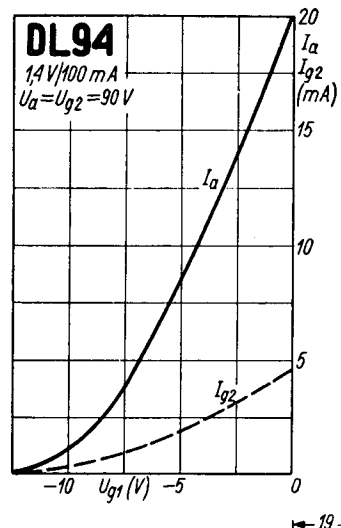

DL41
2,8 V/50 mA
$U_a$=$U_{g2}$=90 V
$U_{g1}$=-3,5 V
$U_{g1}$≈
$I_a$
$I_{g2}$
h
$I_a$
$I_{g2}$ (mA)
h (%)
$U_{g1}$≈ (V)
$P_a$ (mW)

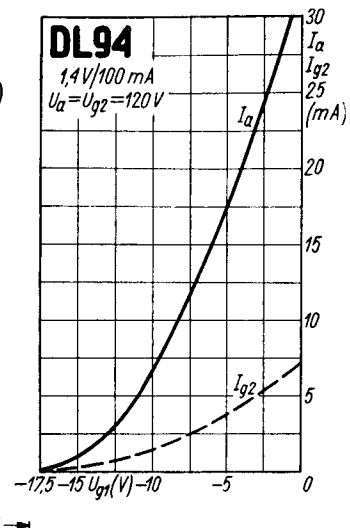

DL41
2,8 V/50 mA
$U_a$=$U_{g2}$=120 V
$U_{g1}$=-5,45 V
$U_{g1}$≈
$I_a$
$I_{g2}$
h
$I_a$
$I_{g2}$ (mA)
h (%)
$U_{g1}$≈ (V)
$P_a$ (mW)

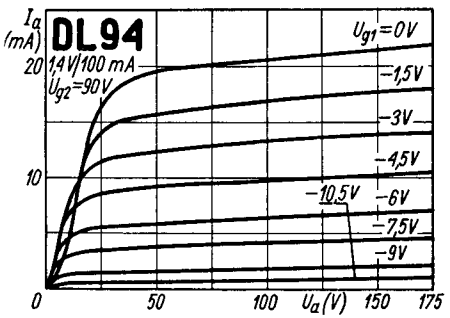

DL94
1,4 V/50 mA
$U_{g2}$ = 90 V
$I_a$ (mA)
$U_{g1}$ = 0 V
−1,5 V
−3 V
−4,5 V
−6 V
−7,5 V
−9 V
−10,5 V
$U_a$ (V)

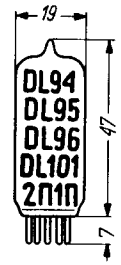

DL94
1,4 V/50 mA
$U_a$ = $U_{g2}$ = 90 V
$I_a$
$I_{g2}$ (mA)
$I_a$
$I_{g2}$
$U_{g1}$ (V)

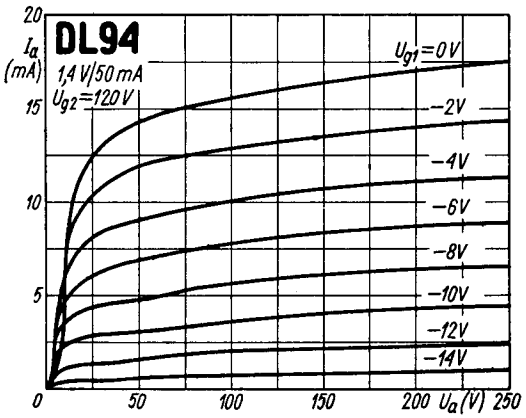

DL94
1,4 V/50 mA
$U_a$ = $U_{g2}$ = 120 V
$I_a$
$I_{g2}$ (mA)
$I_a$
$I_{g2}$
$U_{g1}$ (V)

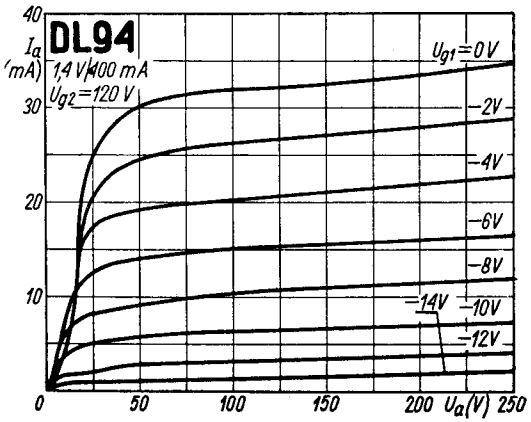

DL94
1,4 V/100 mA
$U_a$ = $U_{g2}$ = 90 V
$I_a$
$I_{g2}$ (mA)
$I_a$
$I_{g2}$
$U_{g1}$ (V)

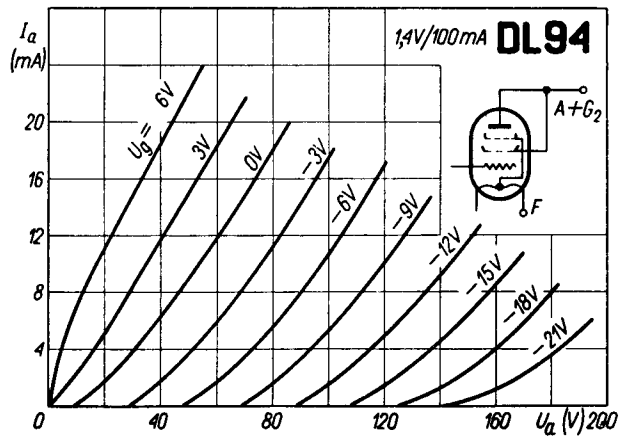

DL94
1,4 V/100 mA
$U_a$ = $U_{g2}$ = 120 V
$I_a$
$I_{g2}$ (mA)
$I_a$
$I_{g2}$
$U_{g1}$ (V)

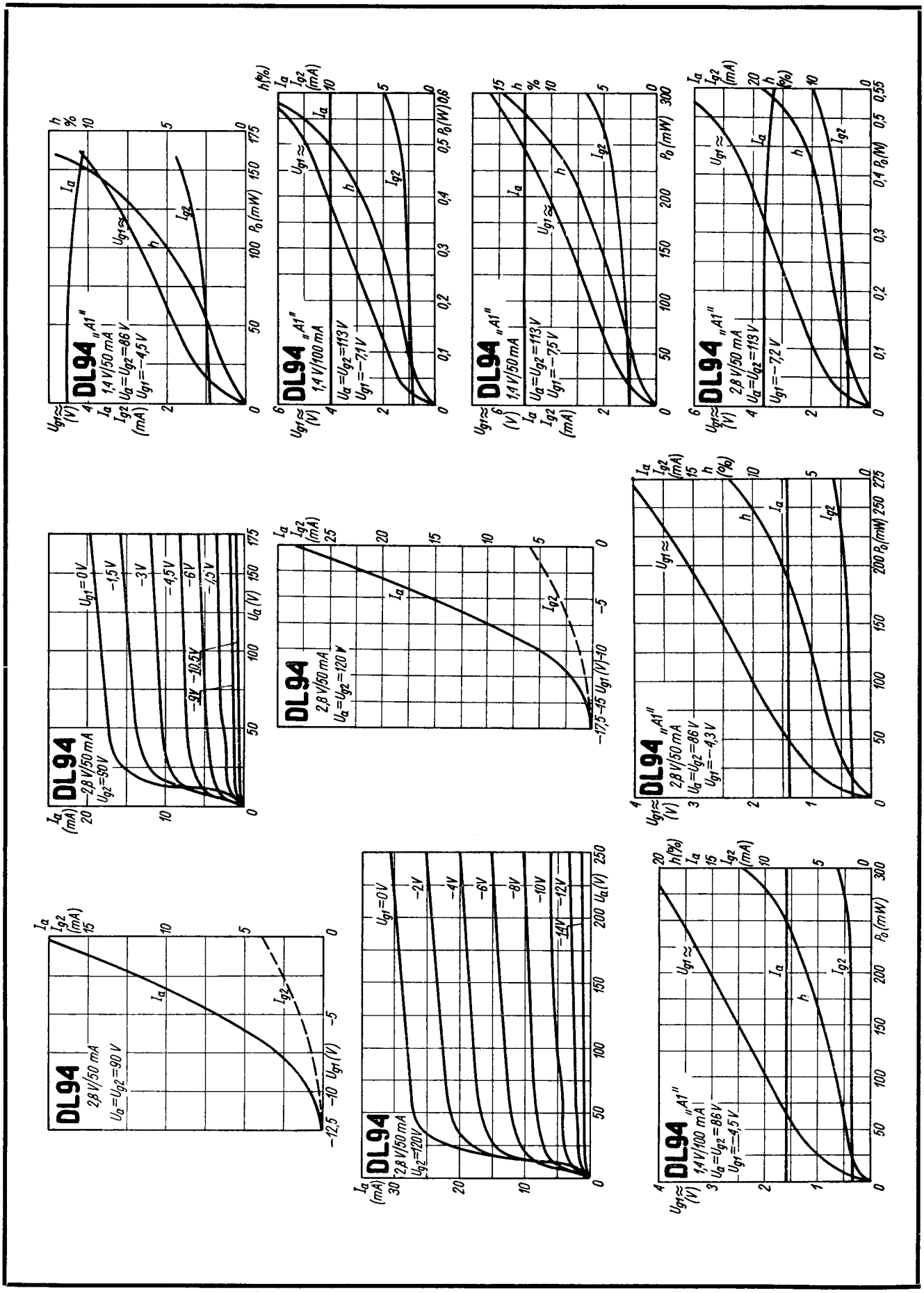

DL94
1,4 V/100 mA
$U_{g2}$ = 90 V
$I_a$ (mA)
$U_{g1}$ = 0 V
−1,5 V
−3 V
−4,5 V
−6 V
−7,5 V
−9 V
−10,5 V
$U_a$ (V)

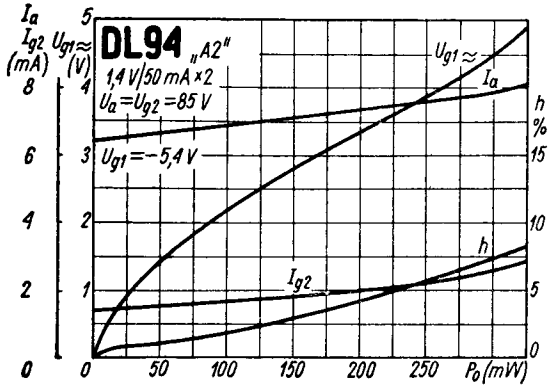

19
DL94
DL95
DL96
DL101
2П1П
47
7

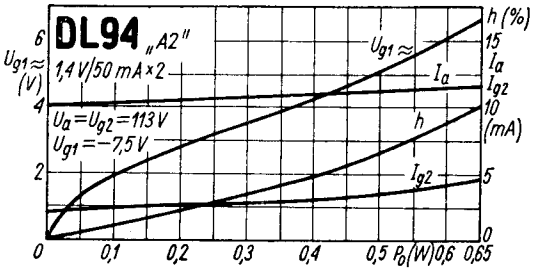

DL94
1,4 V/50 mA
$U_{g2}$ = 120 V
$I_a$ (mA)
$U_{g1}$ = 0 V
−2 V
−4 V
−6 V
−8 V
−10 V
−12 V
−14 V
$U_a$ (V)

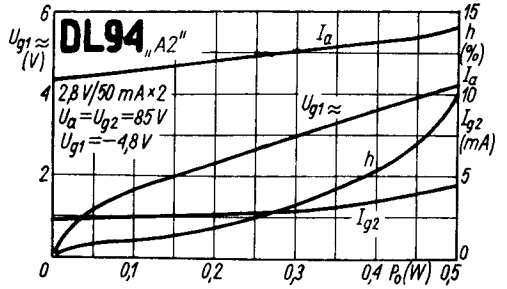

DL94
1,4 V/100 mA
$U_{g2}$ = 120 V
$I_a$ (mA)
$U_{g1}$ = 0 V
−2 V
−4 V
−6 V
−8 V
−10 V
−12 V
−14 V
$U_a$ (V)

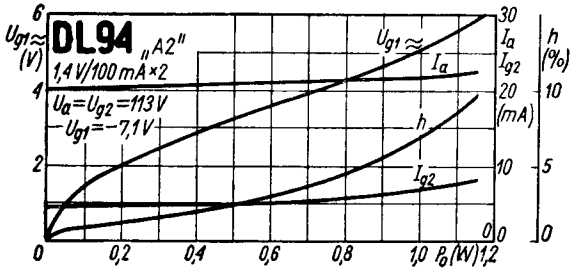

1,4 V/100 mA
DL94
$I_a$ (mA)
$U_g$ = 6 V
3 V
0 V
−3 V
−6 V
−9 V
−12 V
−15 V
−18 V
−21 V
A+$G_2$
F
$U_a$ (V)

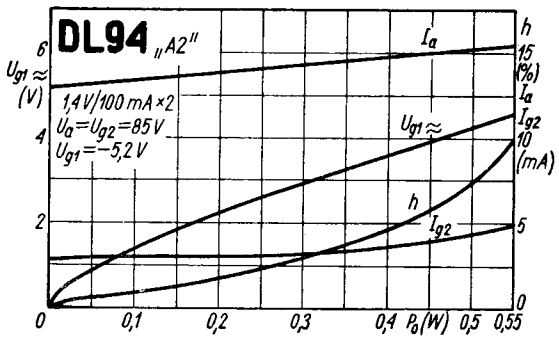

DL94
2,8 V/50 mA
Ua=Ug2=90 V
Ia
Ig2 (mA)
Ug1=0 V
-1,5 V
-3 V
-4,5 V
-6 V
-7,5 V
-9 V
-10,5 V
Ua (V)
DL94
2,8 V/50 mA
Ua=Ug2=120 V
Ug1=0 V
-2 V
-4 V
-6 V
-8 V
-10 V
-12 V
-14 V
Ua (V)
DL94 „A1"
1,4 V/50 mA
Ua=Ug2=86 V
Ug1=-4,5 V
Ug1≈ (V)
h %
Pa (mW)
DL94 „A1"
1,4 V/100 mA
Ua=Ug2=113 V
Ug1=-7,1 V
h (%)
Pa (W)
DL94 „A1"
1,4 V/50 mA
Ua=Ug2=113 V
Ug1=-7,5 V
DL94 „A1"
2,8 V/50 mA
Ug1=-7,2 V
DL94 „A1"
2,8 V/50 mA
Ua=Ug2=86 V
Ug1=-4,3 V
DL94 „A1"
1,4 V/100 mA
Ua=Ug2=86 V
Ug1=-4,5 V

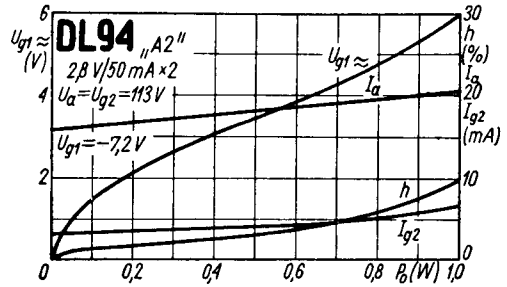

DL94 „A2"
1,4 V/50 mA×2
$U_a = U_{g2} = 85$ V
$U_{g1} = -5{,}4$ V
$I_a$
$I_{g2}$
h
$U_{g1}\approx$
$I_a$ (mA)
$I_{g2}$ (mA)
$U_{g1}\approx$ (V)
h %
$P_o$ (mW)

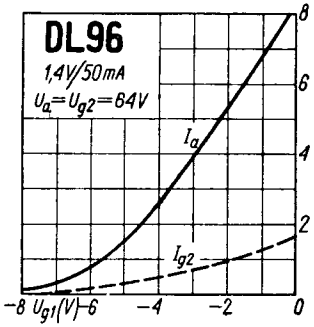

DL94 „A2"
1,4 V/50 mA×2
$U_a = U_{g2} = 113$ V
$U_{g1} = -7{,}5$ V
$U_{g1}\approx$
$I_a$
$I_{g2}$
h
$U_{g1}\approx$ (V)
h (%)
$I_a$
$I_{g2}$ (mA)
$P_o$ (W)

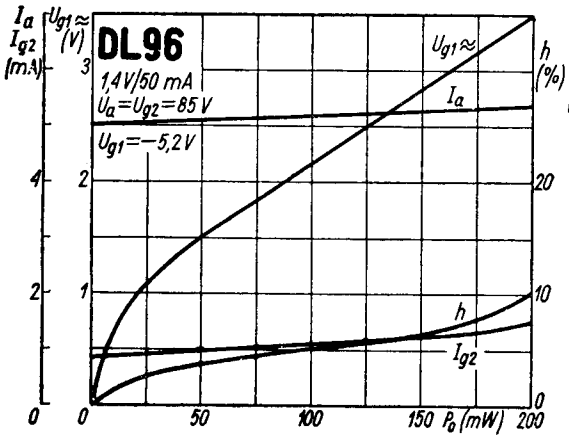

DL94 „A2"
2,8 V/50 mA×2
$U_a = U_{g2} = 85$ V
$U_{g1} = -4{,}8$ V
$U_{g1}\approx$
$I_a$
$I_{g2}$
h
$U_{g1}\approx$ (V)
h (%)
$I_a$
$I_{g2}$ (mA)
$P_o$ (W)

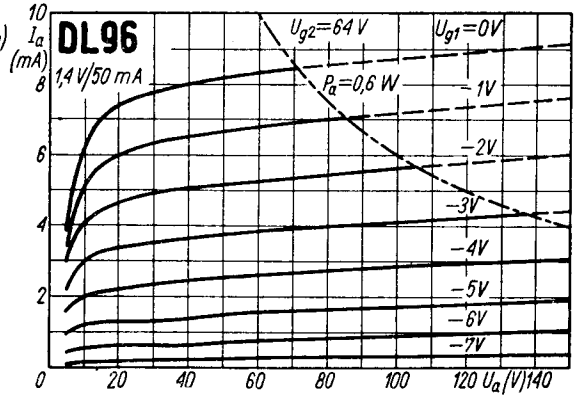

DL94 „A2"
1,4 V/100 mA×2
$U_a = U_{g2} = 113$ V
$U_{g1} = -7{,}1$ V
$U_{g1}\approx$
$I_a$
$I_{g2}$
h
$U_{g1}\approx$ (V)
$I_a$
$I_{g2}$ (mA)
h (%)
$P_o$ (W)

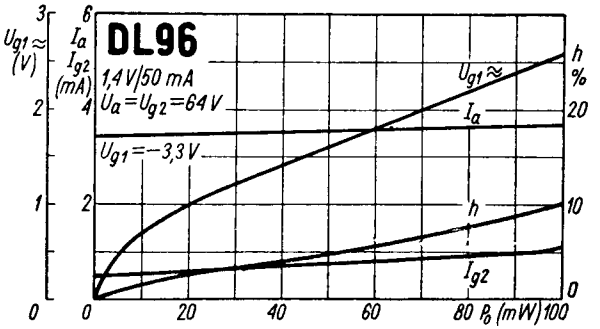

DL94 „A2"
1,4 V/100 mA×2
$U_a = U_{g2} = 85$ V
$U_{g1} = -5{,}2$ V
$I_a$
$U_{g1}\approx$
h
$I_{g2}$
$U_{g1}\approx$ (V)
h (%)
$I_a$
$I_{g2}$ (mA)
$P_o$ (W)

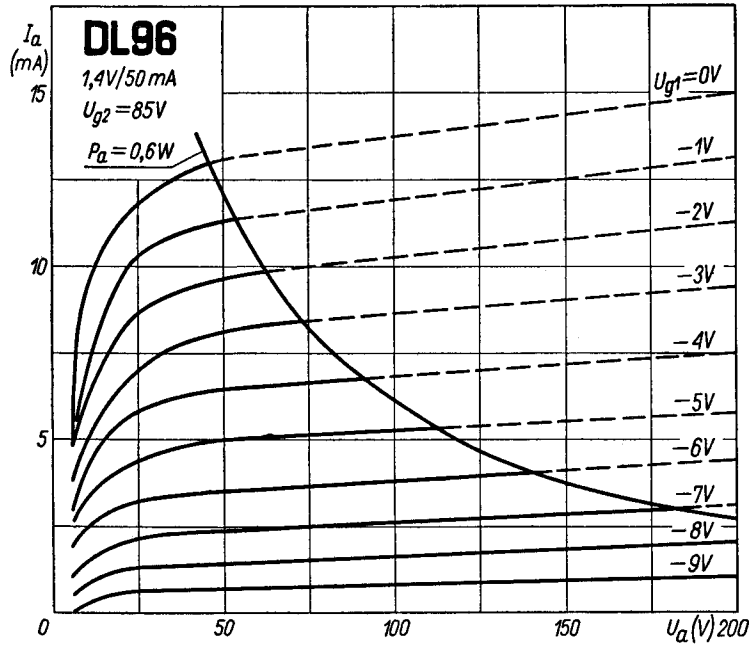

DL94 „A2"
2,8 V/50 mA×2
$U_a = U_{g2} = 113$ V
$U_{g1} = -7{,}2$ V
$U_{g1}\approx$
$I_a$
h
$I_{g2}$
$U_{g1}\approx$ (V)
h (%)
$I_a$
$I_{g2}$ (mA)
$P_o$ (W)

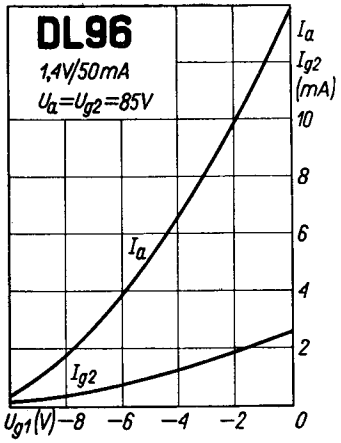

DL96
1,4 V/50 mA
$U_a = U_{g2} = 64$ V
$I_a$
$I_{g2}$
$U_{g1}$ (V)

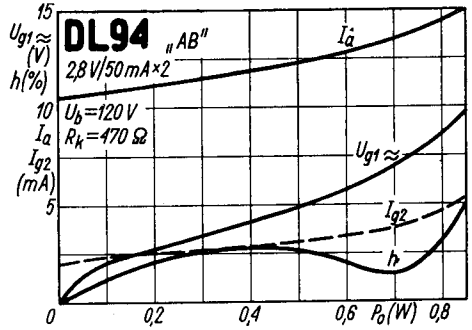

DL96
1,4 V/50 mA
$U_a = U_{g2} = 85$ V
$U_{g1} = -5{,}2$ V
$U_{g1}\approx$
$I_a$
h
$I_{g2}$
$I_a$ (mA)
$I_{g2}$ (mA)
$U_{g1}\approx$ (V)
h (%)
$P_o$ (mW)

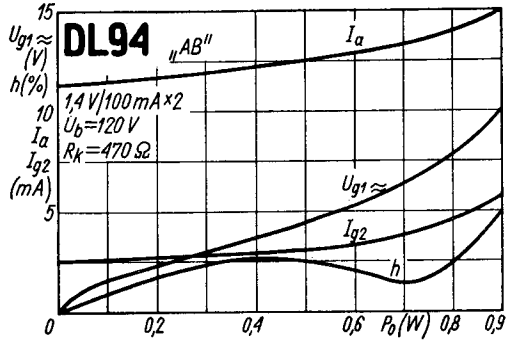

DL96
1,4 V/50 mA
$U_{g2} = 64$ V
$P_a = 0{,}6$ W
$U_{g1} = 0$V
−1V
−2V
−3V
−4V
−5V
−6V
−7V
$I_a$ (mA)
$U_a$ (V)

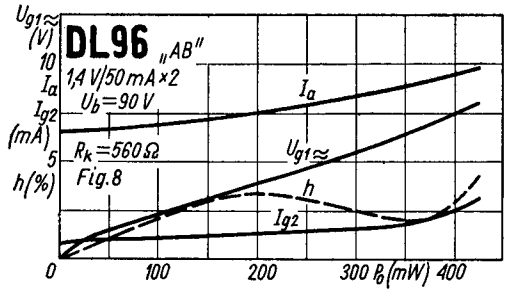

DL96
1,4 V/50 mA
$U_a = U_{g2} = 64$ V
$U_{g1} = -3{,}3$ V
$U_{g1}\approx$
$I_a$
h
$I_{g2}$
$I_a$ (mA)
$I_{g2}$ (mA)
$U_{g1}\approx$ (V)
h %
$P_o$ (mW)

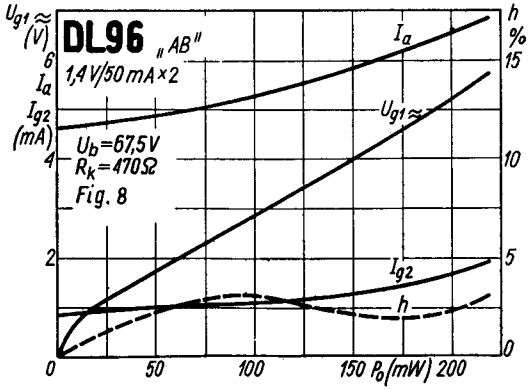

DL96
1,4V/50mA
$U_{g2}$=85V
$P_a$=0,6W
$I_a$ (mA)
$U_{g1}$=0V
−1V
−2V
−3V
−4V
−5V
−6V
−7V
−8V
−9V
$U_a$(V)

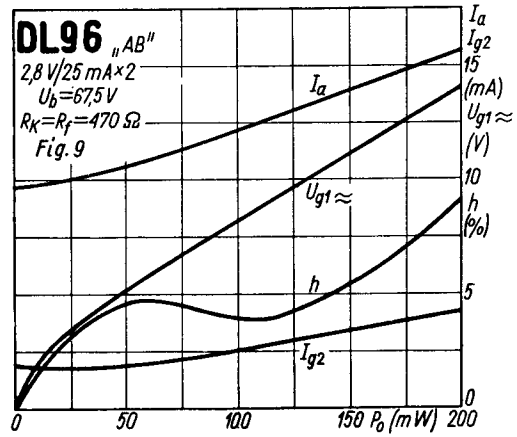

DL96
1,4V/50mA
$U_a$=$U_{g2}$=85V
$I_a$
$I_{g2}$
$I_{g2}$ (mA)
$U_{g1}$(V)

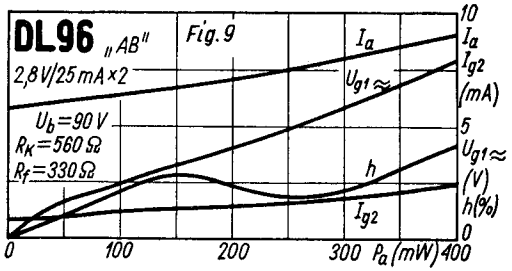

DL94 „AB"
2,8V/50mA×2
$U_b$=120V
$R_k$=470Ω
$U_{g1}$≈ (V)
h(%)
$I_a$
$I_{g2}$ (mA)
$P_o$(W)

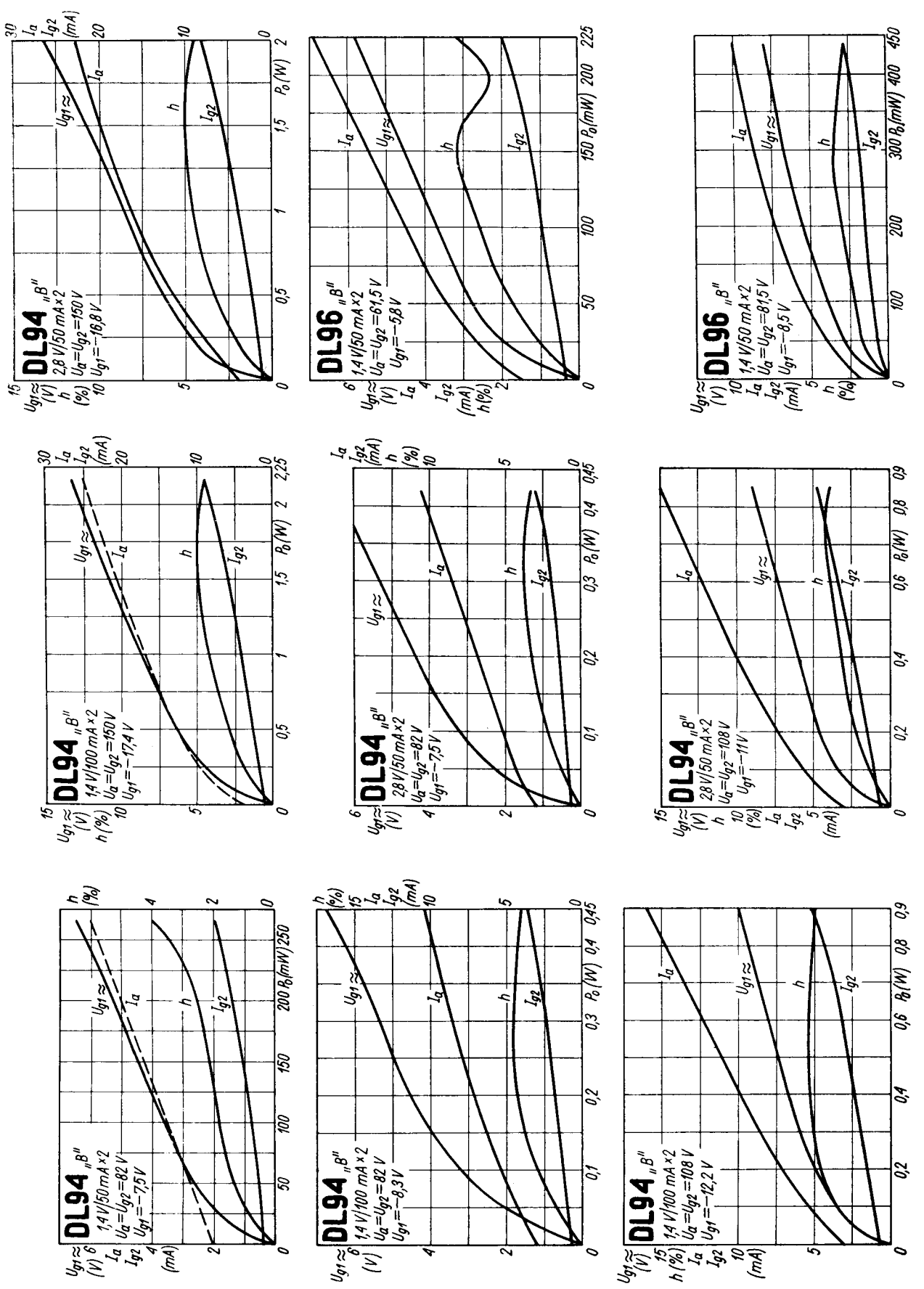

DL94 „AB"
1,4V/100mA×2
$U_b$=120V
$R_k$=470Ω
$U_{g1}$≈ (V)
h(%)
$I_a$
$I_{g2}$ (mA)
$P_o$(W)


DL96 „AB"
1,4V/50mA×2
$U_b$=90V
$R_k$=560Ω
Fig.8
$U_{g1}$≈ (V)
h(%)
$I_a$
$I_{g2}$ (mA)
$P_o$(mW)


DL96 „AB"
1,4V/50mA×2
$U_b$=67,5V
$R_k$=470Ω
Fig.8
$U_{g1}$≈ (V)
h %
$I_a$
$I_{g2}$ (mA)
$P_o$(mW)


DL96 „AB"
2,8V/25mA×2
$U_b$=67,5V
$R_K$=$R_f$=470Ω
Fig.9
$I_a$
$I_{g2}$ (mA)
$U_{g1}$≈ (V)
h (%)
$P_o$(mW)


DL96 „AB"
Fig.9
2,8V/25mA×2
$U_b$=90V
$R_K$=560Ω
$R_f$=330Ω
$I_a$
$I_{g2}$ (mA)
$U_{g1}$≈ (V)
h(%)
$P_a$(mW)


DL94 „B"
2,8 V/50 mA×2
Ua=Ug2=150 V
Ug1=−16,8 V
DL96 „B"
1,4 V/50 mA×2
Ua=Ug2=61,5 V
Ug1=−5,8 V
DL96 „B"
1,4 V/50 mA×2
Ua=Ug2=81,5 V
Ug1=−8,5 V
DL94 „B"
1,4 V/100 mA×2
Ua=Ug2=150 V
Ug1=−17,4 V
DL94 „B"
2,8 V/50 mA×2
Ua=Ug2=82 V
Ug1=−7,5 V
DL94 „B"
2,8 V/50 mA×2
Ua=Ug2=108 V
Ug1=−11 V
DL94 „B"
1,4 V/50 mA×2
Ua=Ug2=82 V
Ug1=−7,5 V
DL94 „B"
1,4 V/100 mA×2
Ua=Ug2=82 V
Ug1=−8,3 V
DL94 „B"
1,4 V/100 mA×2
Ua=Ug2=108 V
Ug1=−12,2 V