

R.F. TRIODE for use as oscillator or mixer in F.M./A.M. receivers

TRIODE H.F. pour utilisation en oscillatrice ou mélangeuse dans des récepteurs F.M./A.M.

HF-TRIODE zur Verwendung als Oszillator oder Mischröhre in FM/AM-Empfängern

Heating : indirect by A.C. or D.C.;
series supply

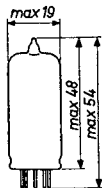
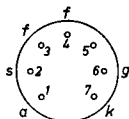
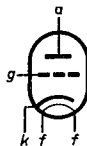
Chauffage: indirect par C.A. ou C.C.; $V_f = 9,5 \text{ V}$
alimentation série

Heizung : indirekt durch Wechsel- $I_f = 100 \text{ mA}$
oder Gleichstrom;
Serienspeisung

Dimensions in mm

Dimensions en mm

Abmessungen in mm



Base, culot, Sockel: Miniature

| | | | | |
|----------------|-----------|-----------|-------------|-------------|
| → Capacitances | C_g | = 2,6 pF | $C_k (g+f)$ | = 4,5 pF |
| | Capacités | C_a | = 0,55 pF | $C_a (g+f)$ |
| → Kapazitäten | C_{ag} | = 1,6 pF | | |
| | C_{kf} | = 2,2 pF | | |
| | C_{gf} | < 0,15 pF | | |
| | C_{ak} | = 0,24 pF | | |

→ Typical characteristics
Caractéristiques types
Kenndaten

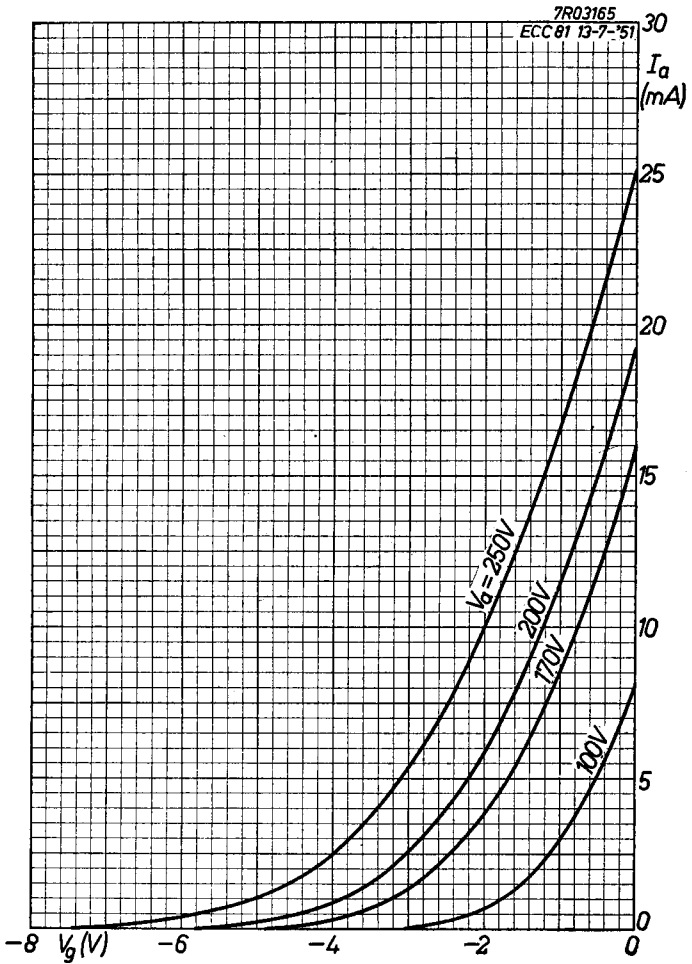
| | | | | |
|-------|---|------|-----|-----------------|
| V_a | = | 100 | 170 | 200 V |
| V_f | = | -1 | -1 | -1 V |
| I_a | = | 3 | 8,5 | 11,5 mA |
| S | = | 3,75 | 5,9 | 6,7 mA/V |
| μ | = | 62 | 66 | 70 |
| R_i | = | 16,5 | 11 | 10,5 k Ω |

Limiting values
Caractéristiques limites
Grenzdaten

| | | |
|----------------------|--------|---------------|
| V_{a_0} | = max. | 550 V |
| V_a | = max. | 300 V |
| W_a | = max. | 2,5 W |
| I_k | = max. | 15 mA |
| $-V_g$ | = max. | 50 V |
| R_g | = max. | 1 M Ω |
| V_{kf} | = max. | 90 V |
| R_{kf} | = max. | 20 k Ω |
| $V_g(I_g=+0,3\mu A)$ | = max. | -1,3 V |

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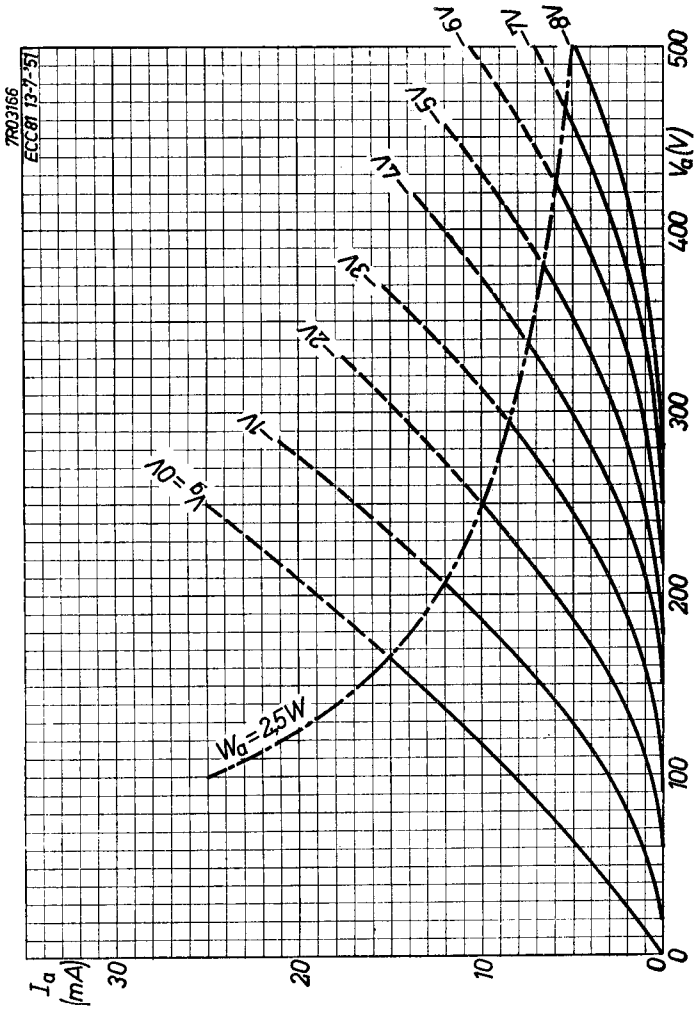


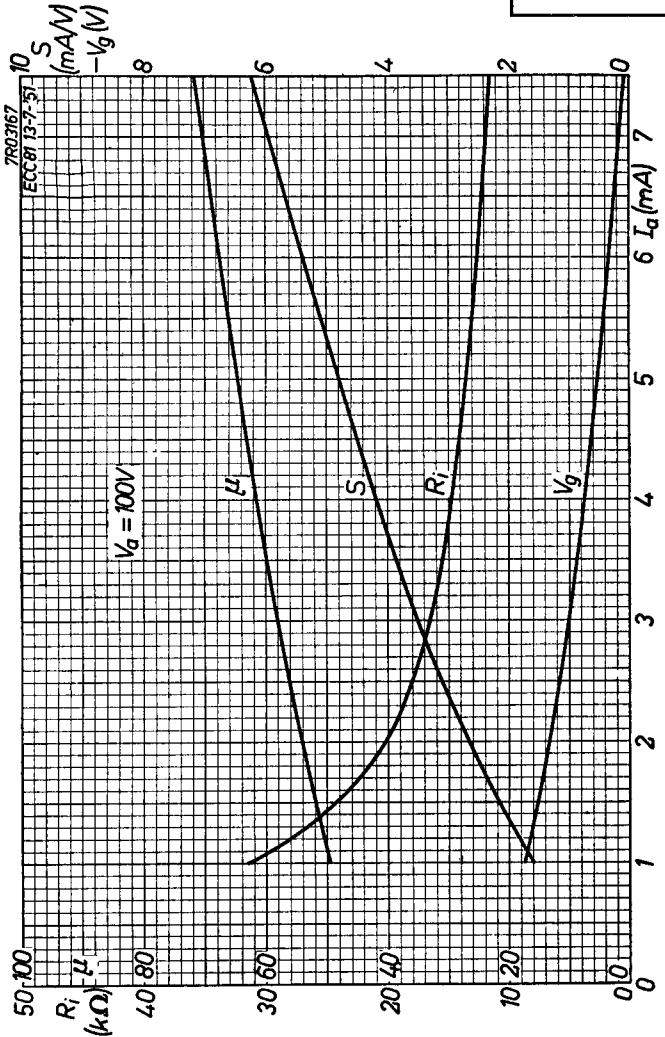
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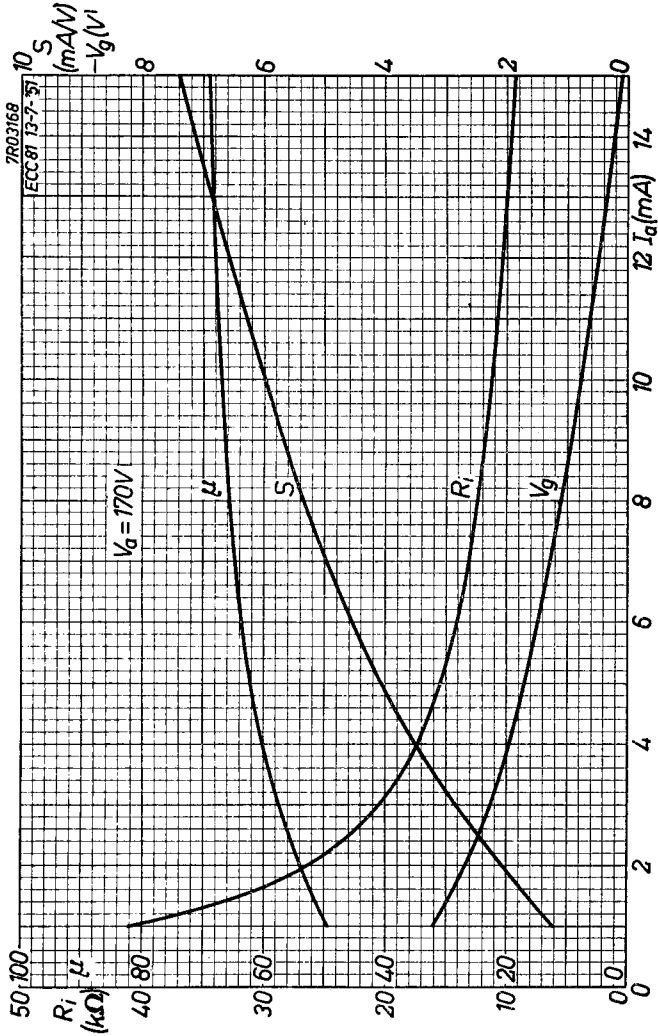


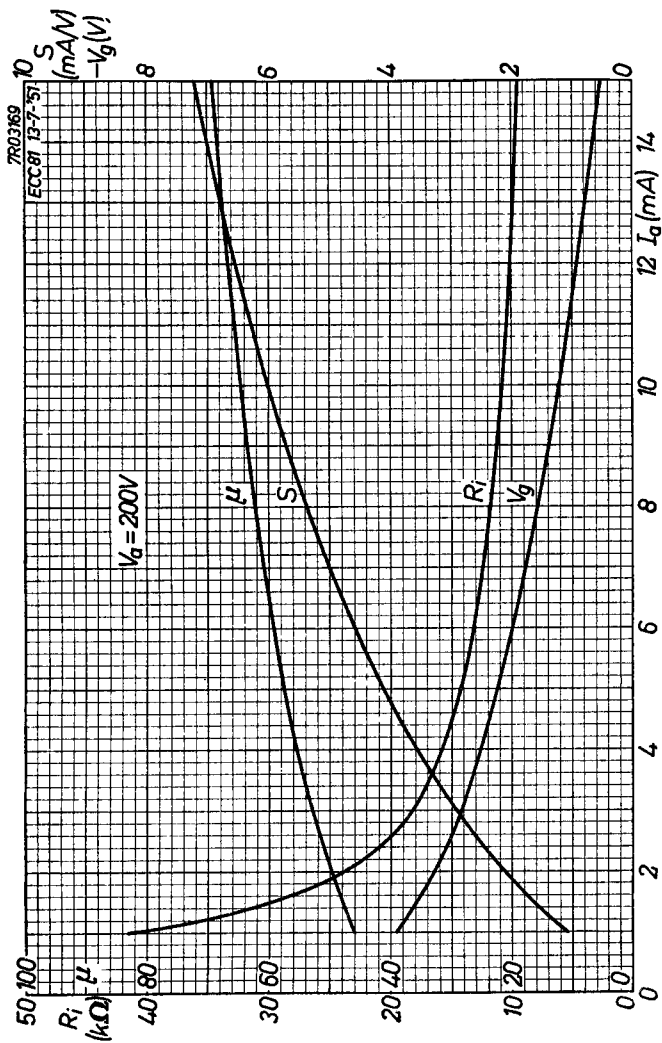
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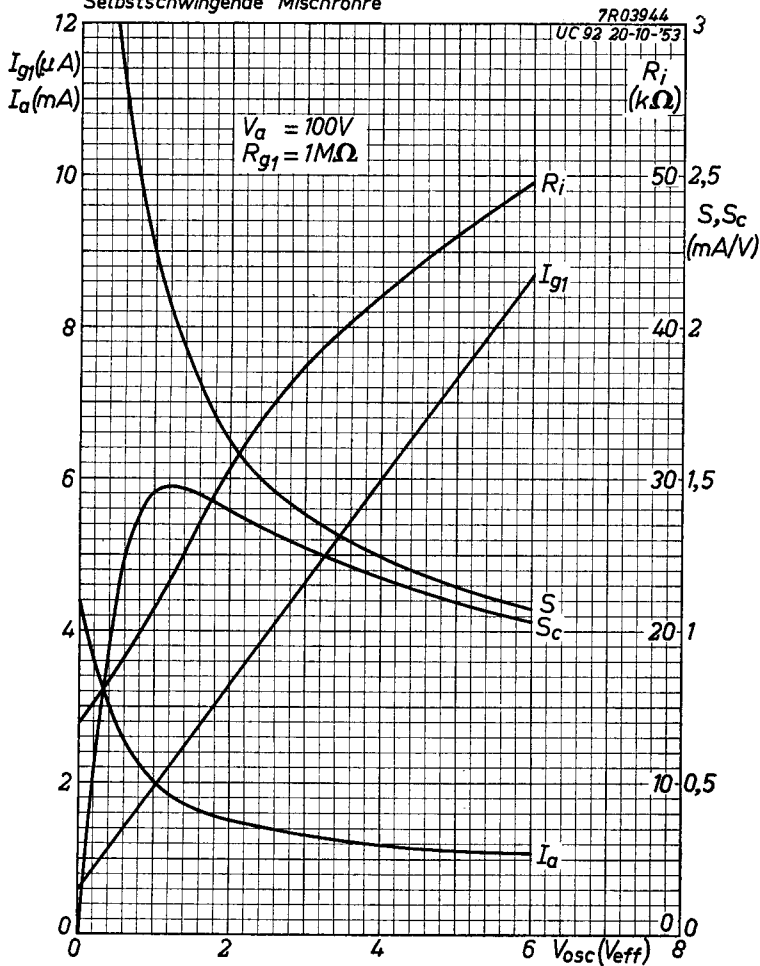




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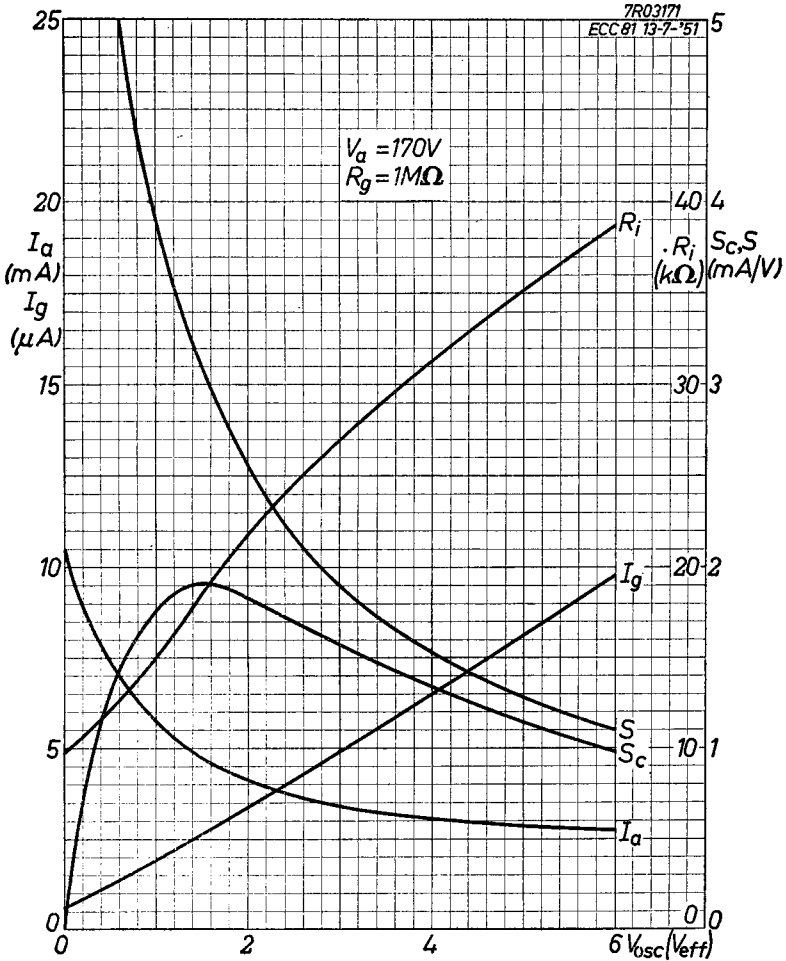
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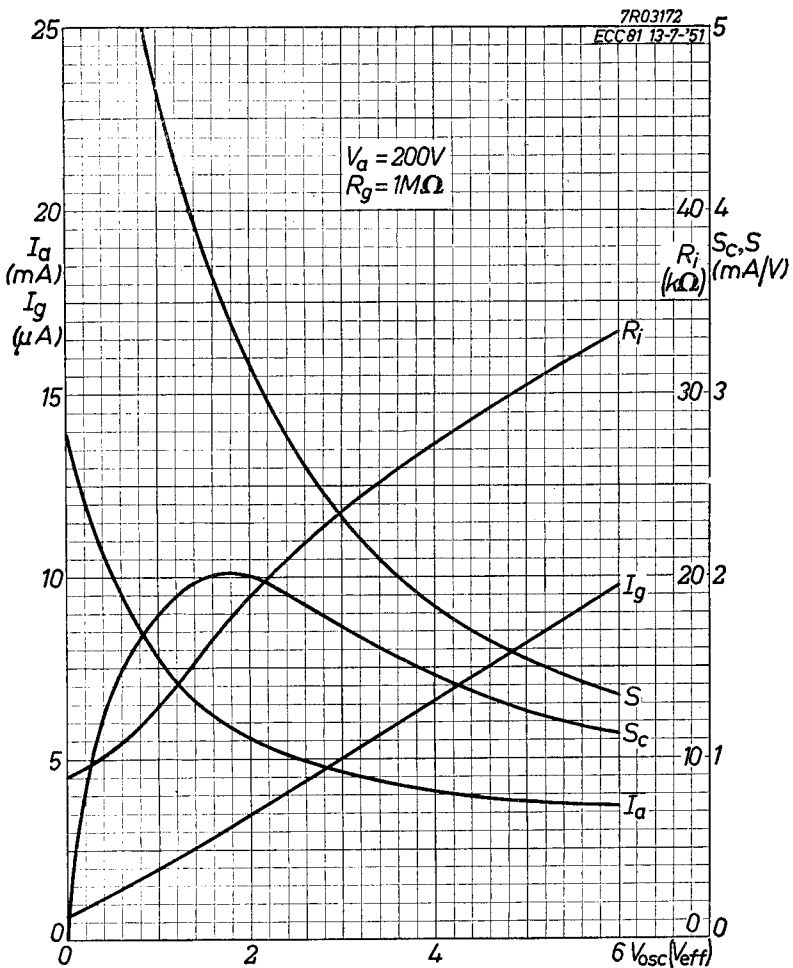
Self-oscillating frequency changer
Changeur de fréquence à auto-oscillation
Selbstschwingende Mischröhre

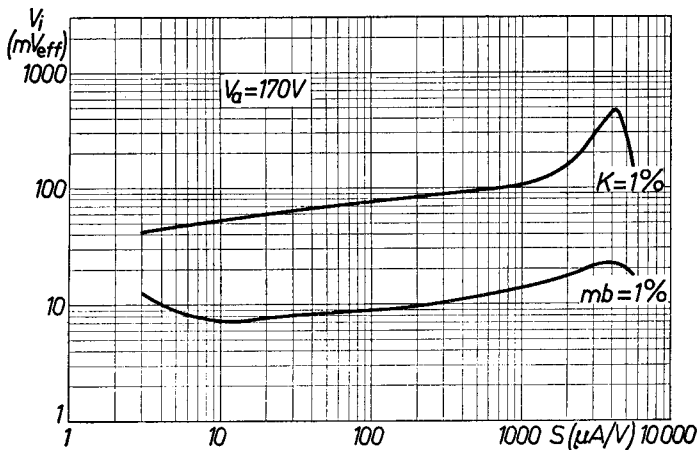
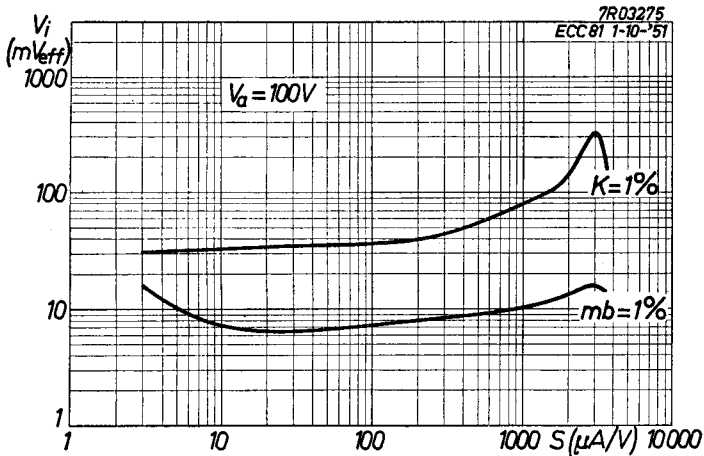


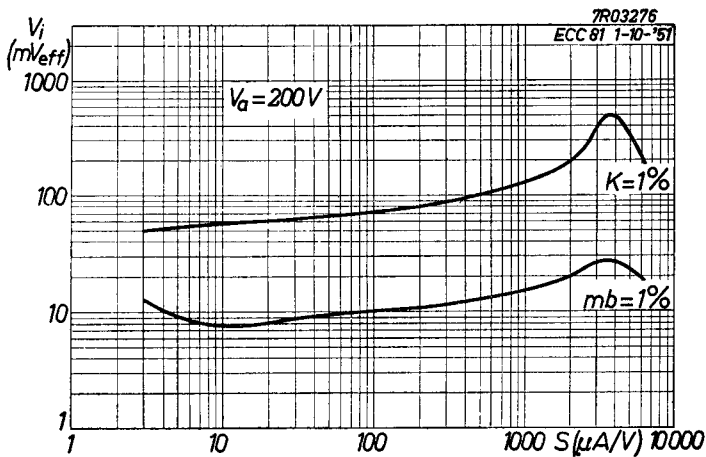
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ECC 81 13-7-'51

$V_a = 170V$
 $R_g = 1M\Omega$



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HANDBOOK

| page | UC92 sheet | date |
|-------------|-----------------------|-------------|
| 1 | 1 | 1956.01.01 |
| 2 | 2 | 1956.01.01 |
| 3 | A | 1954.01.01 |
| 4 | B | 1954.01.01 |
| 5 | C | 1954.01.01 |
| 6 | D | 1954.01.01 |
| 7 | E | 1954.01.01 |
| 8 | F | 1954.01.01 |
| 9 | G | 1954.01.01 |
| 10 | H | 1954.01.01 |
| 11 | I | 1954.01.01 |
| 12 | J | 1954.01.01 |
| 13 | FP | 2000.06.13 |