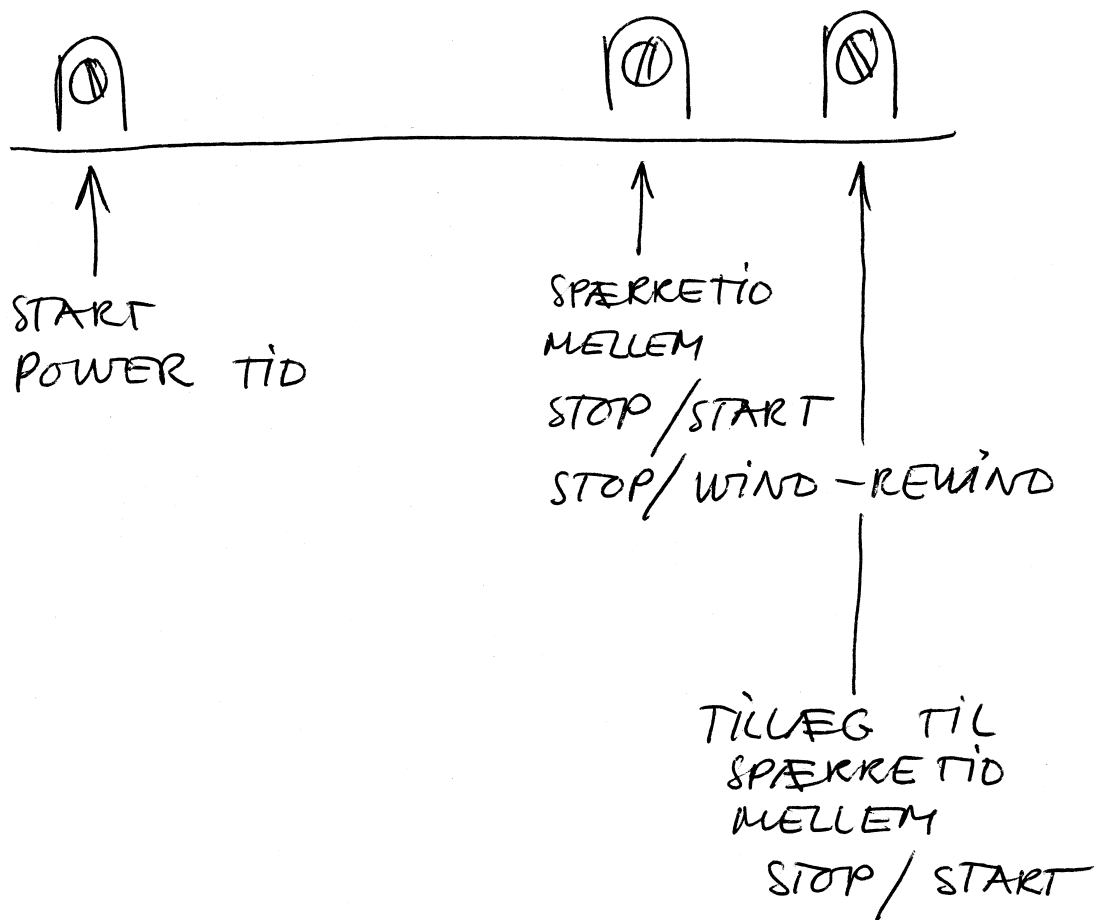




All figures given in check list or service instructions are informative, but not part of specification. These figures may change without influence on performance specification.

As latest developments are introduced even on series in production, small differences in component values or circuitry may be found between diagrams and actual electronics. If these changes are of major importance for performance, revised diagrams will be forwarded when printed.



Order no. **546** delivered to: **NP PETERSEN**  
 Model: **TR 48-7** No. **110355** track no.  
 Tape: **PER 525** Heads: **1/1 spot**

Level: **1,55 V** → **32 mM/mm + 3 db** → V.

Frequency response: ( V. ÷ 20 db (bias = ÷ 4 db/10 kHz/15 inch/sec))  
 (bias = ÷ 4 db/5 kHz/7 1/2 inch/sec)  
**15"** = - 3db from 25 Hz to 21 kHz; ± 1db from 30 Hz to 18 kHz.

**7 1/2"** = - 3db from 18 Hz to 16 kHz; ± 1db from 25 Hz to 15 kHz.

Wow & flutter: **15"** linear ± 1 ‰; weighted ± 0,5 ‰.  
 (measured on EMT420)

**7 1/2"** linear ± 1,8 ‰; weighted ± 0,6 ‰.

Deviation from nominal speed:

**15"** beginning middle end  
 +3,78 ‰ +3,3 ‰ +0,9 ‰.  
 " ‰ ‰ ‰.

Distortion:

	<b>15"</b>	<b>7 1/2"</b>
<b>1,55 V.</b>	<b>1,65 %</b>	<b>1,2 %</b>
<b>2,5 V.</b>	<b>3,3 %</b>	<b>3,1 %</b>

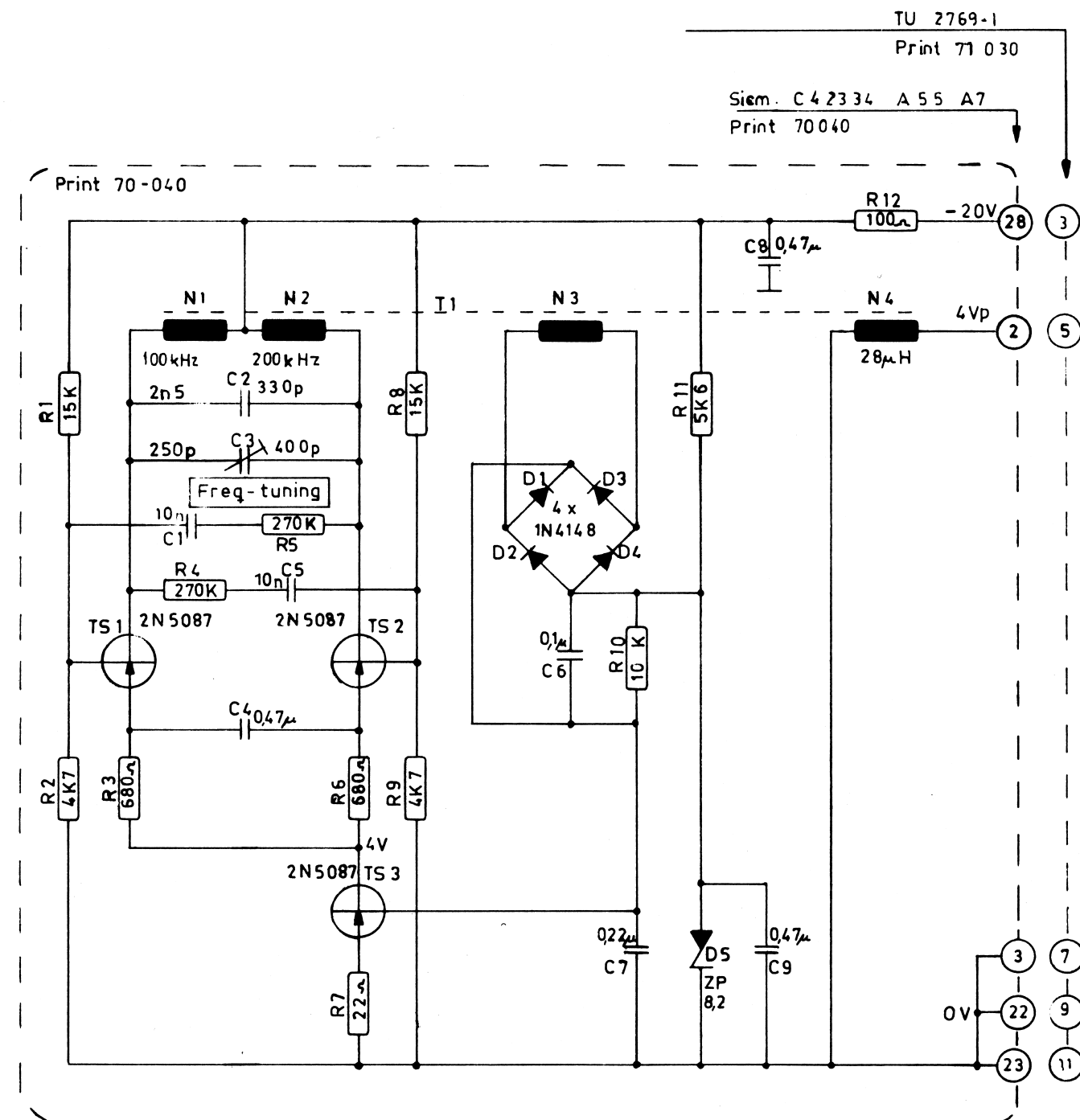
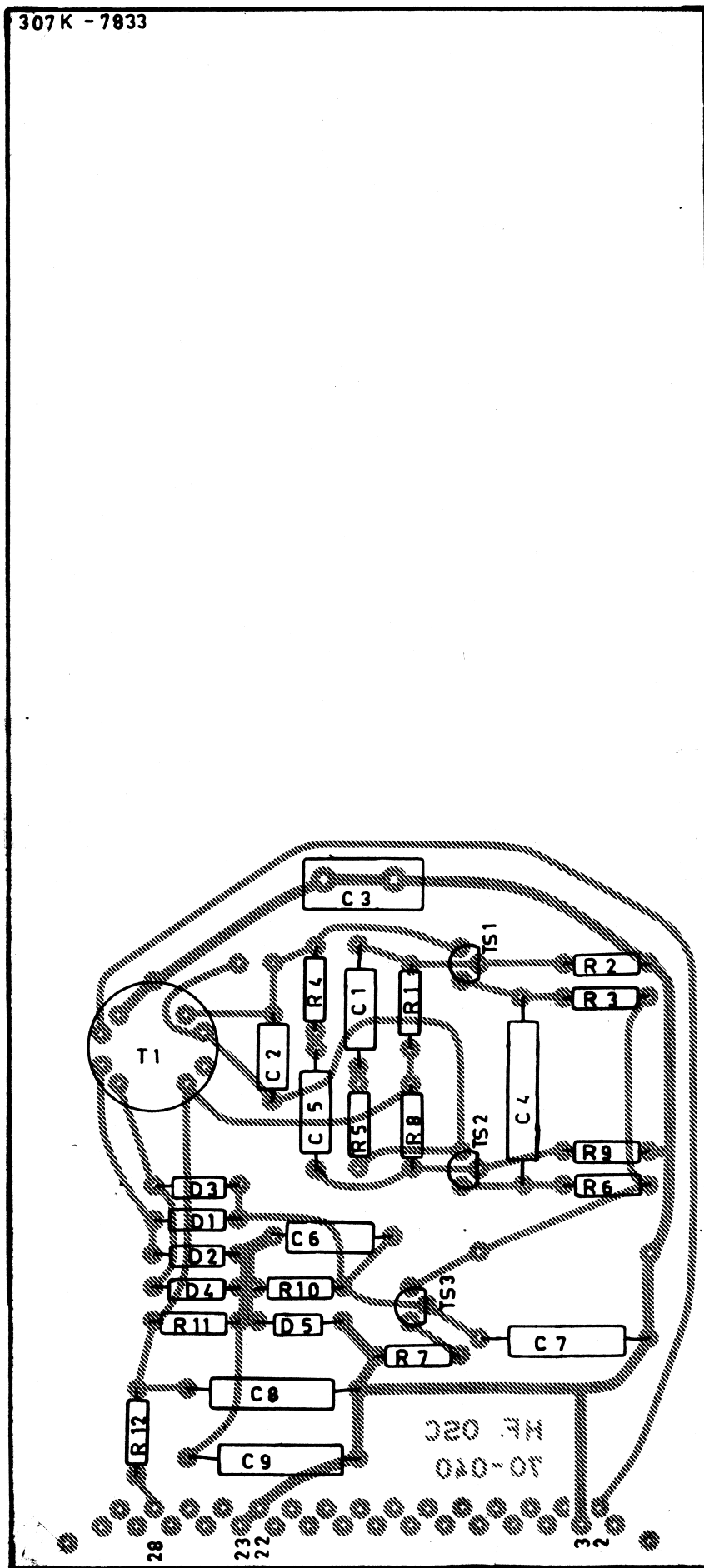
Signal/noise:

	<b>15"</b>		<b>7 1/2"</b>	
	running capstan	via tape	running capstan	via tape
peak unweighted	- 55 db	- 55 db	- 68 db	- 60 db
RMS unweighted	- 56 db	- 56 db	- 73 db	- 65 db
peak weighted	- 78 db	- 60 db	- 76 db	- <del>58</del> 58 db
RMS weighted	- 83 db	- 65 db	- 81 db	- 63 db
Curve A	- db	- db	- db	- db

Grade of erase: (selective) > **90 db.**

Cross-talk: 1kHz < db; DIN 45521-2.1

Erase cross-talk: < db.

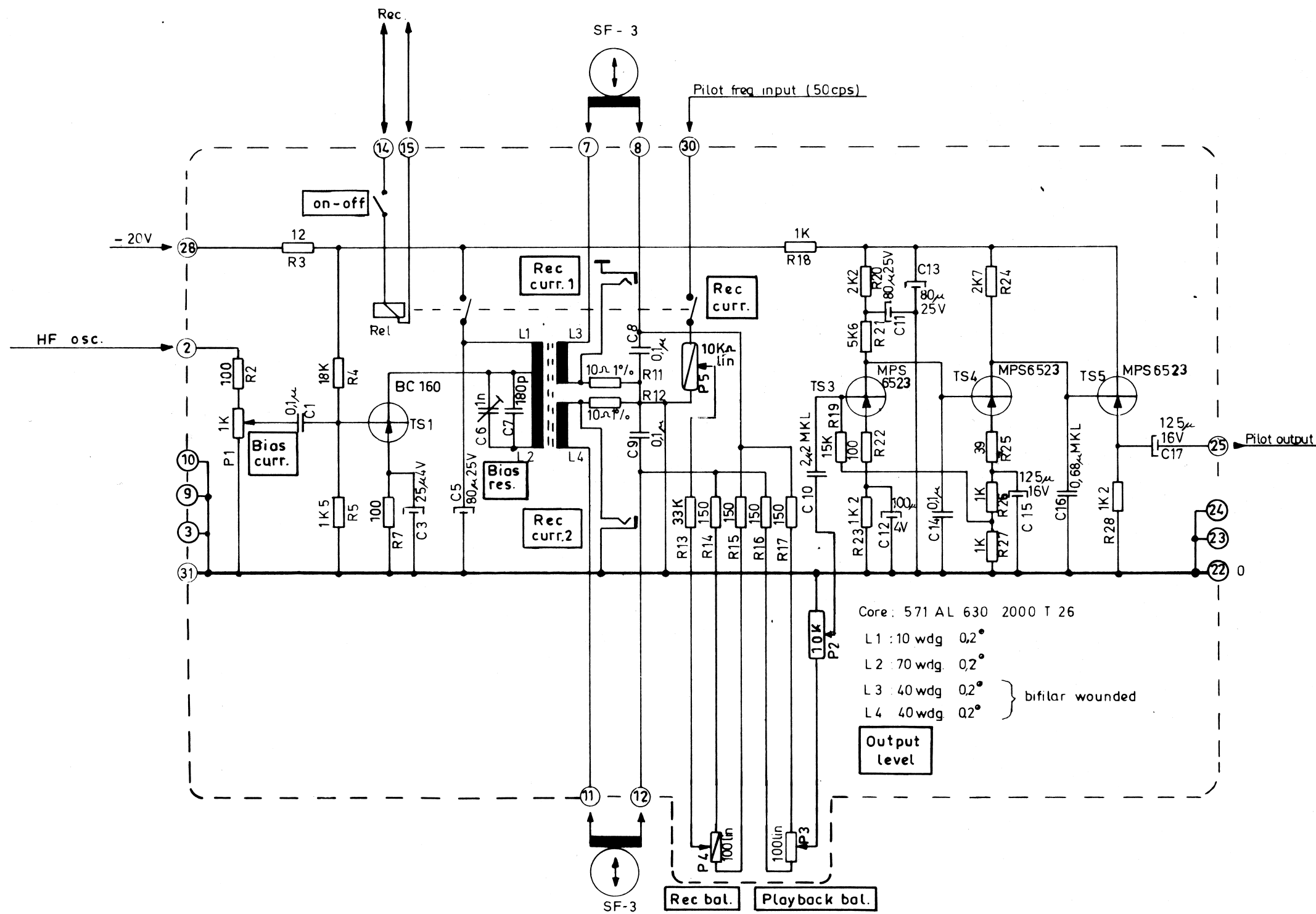


T1 : 18° x 11° N 22 AL = 160

N4	N1	39 vdg	0,2°	cu/e
N3	N2	39 "	0,2°	"
N2	N3	26 "	0,2°	"
N1	N4	13 "	0,2°	"

				anv.   Kopi anlæg					
				1/5 LYREC LYNGBY DENMARK		Målest.	Tegn.	EH / HM	18/6-70
							Konf.		18
							Godk.		
				HF - OSCILLATOR 100 – 200 kHz		Erst.	7833		
						Mappe 307K			
						Ersts. af			
	5/8-71	EH	R 10 100K → 10K						
Nr.	Dato	Sign.	Ændring						





Nr. Dato Sign. <span style="float:right">Ændring</span>	LYREC LYNGBY DENMARK		Målest.	Tegn. BGA/HM 2/11-71
			Konf. MIM	
			Godk.	
	PILOTTONE SYSTEM (-20V)		Erst.	
	TR 48-7		Mappe 307 J	6459/3
			Ersts. af	

