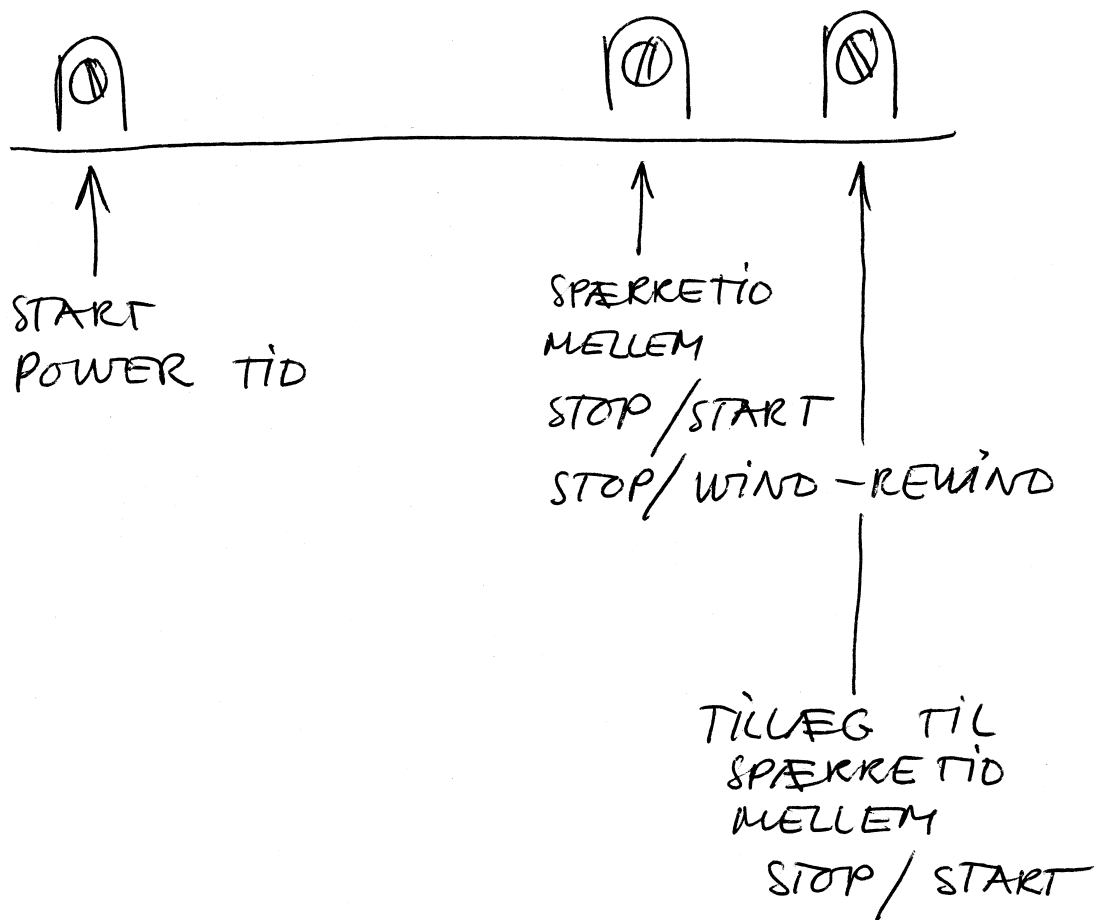




All figures given in check list or service instructions are informative, but not part of specification. These figures may change without influence on performance specification.

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"** <sup>beginning</sup> + **3,78 ‰** <sup>middle</sup> + **3,3 ‰** <sup>end</sup> + **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>

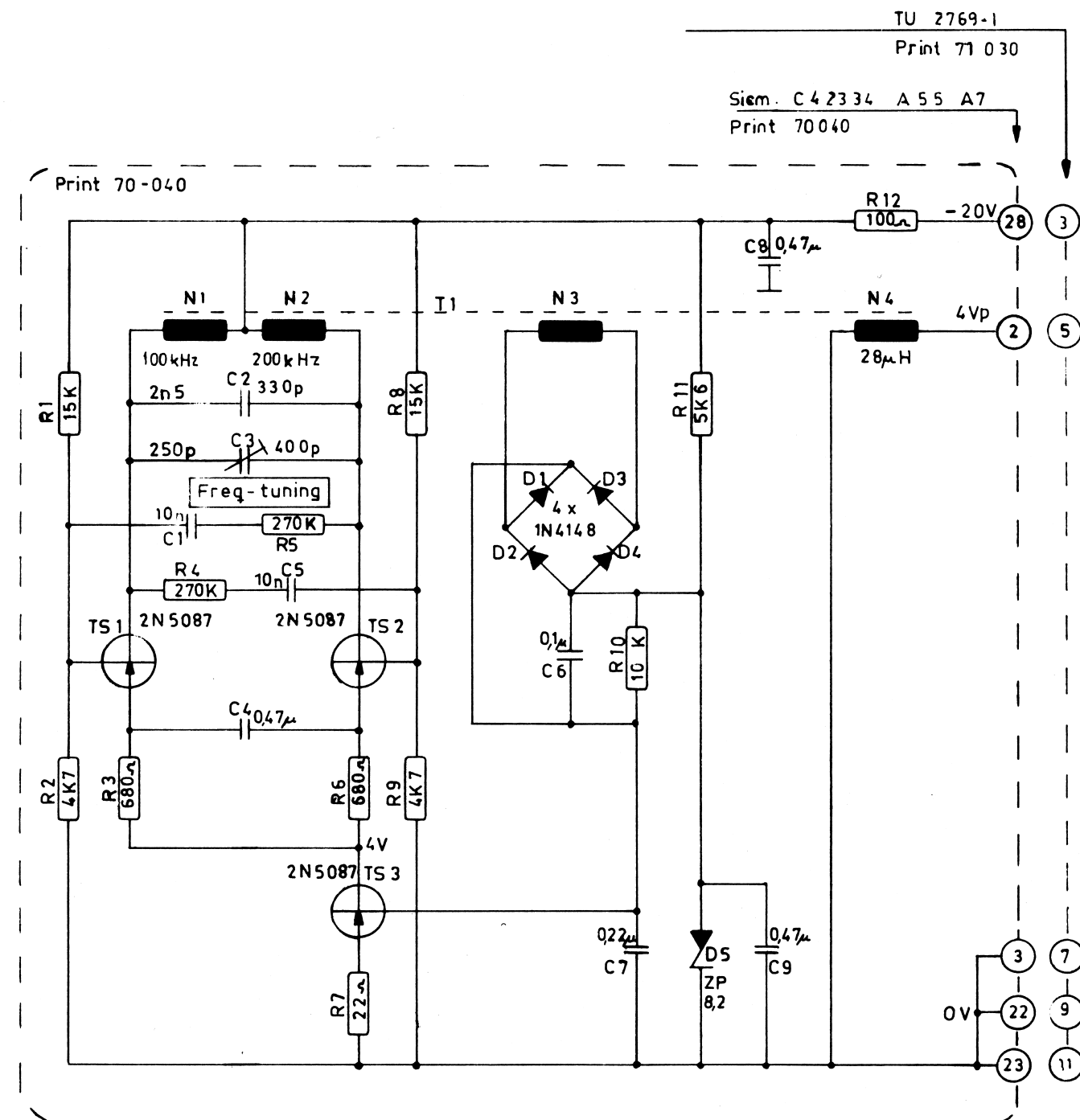
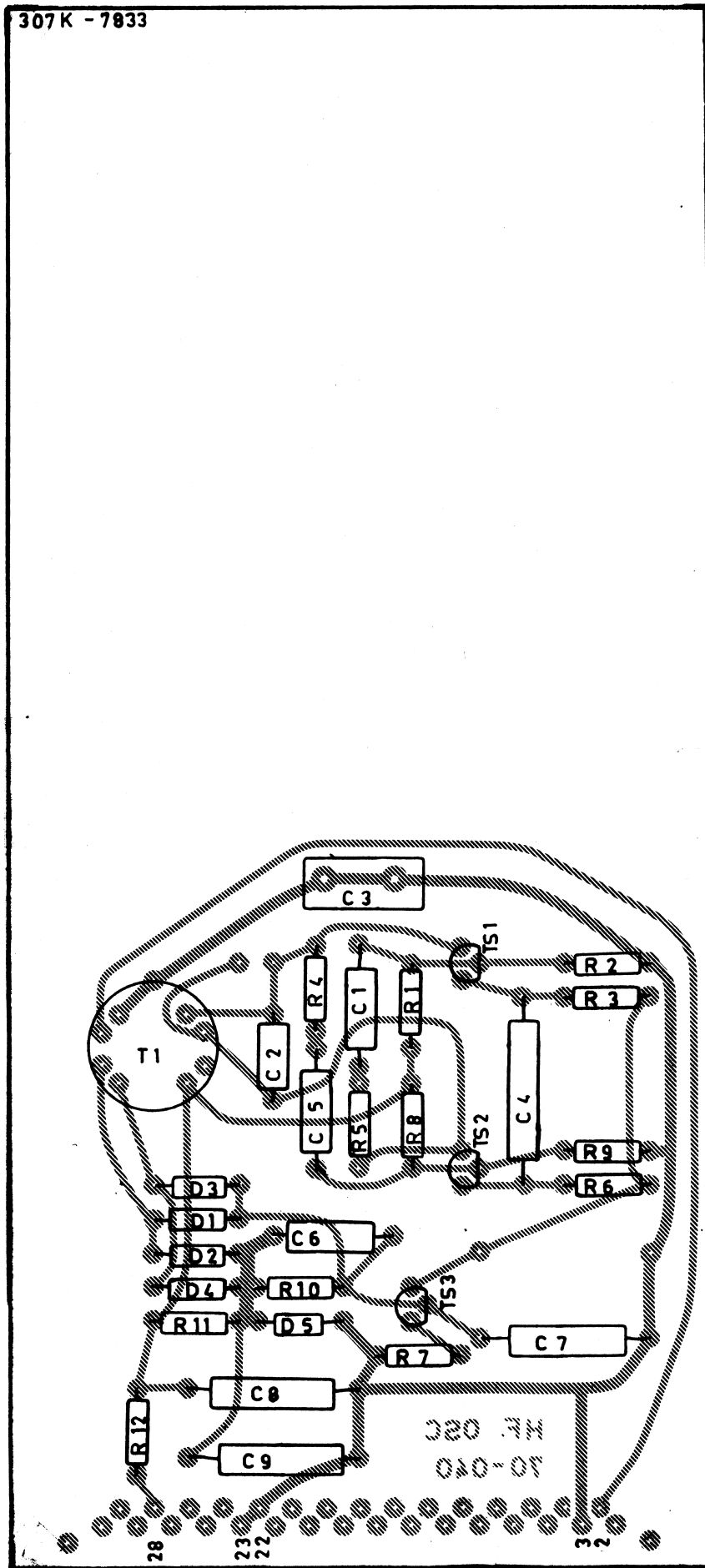
Signal/noise:

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

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

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

Erase cross-talk: < db.

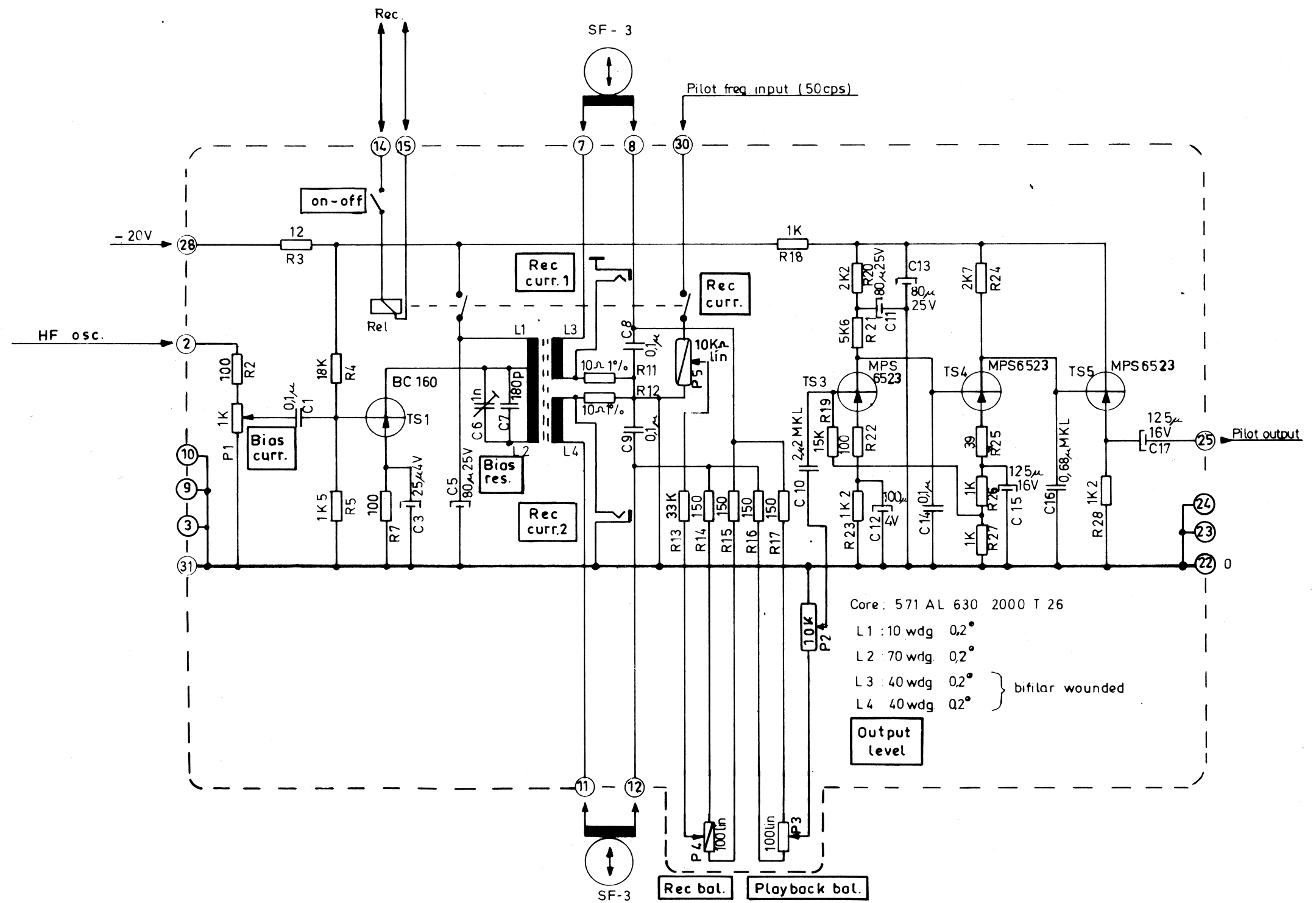


T1 : 18° x 11° N22 AL = 160

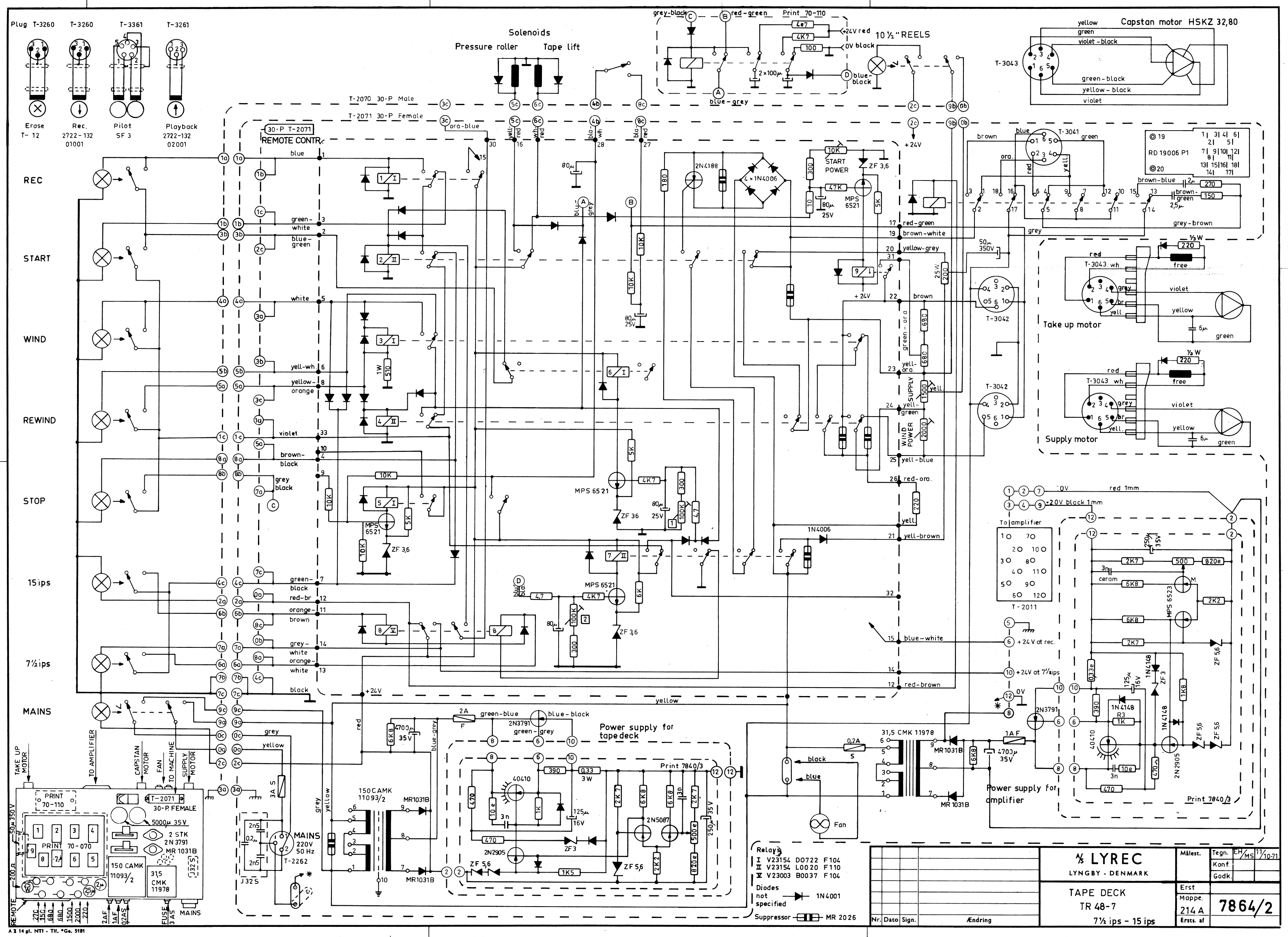
N4	N1	39 vdg	0,2°	cu/e
N3	N2	39 "	0,2°	"
N2	N3	26 "	0,2°	"
N1	N4	13 "	0,2°	"

				anv.   Kopi anlæg					
				1/2 LYREC LYNGBY DENMARK		Målest.	Tegn.	EH / HM	18/6-70
							Konf.		18
							Godk.		
						Erst.			
				HF - OSCILLATOR 100 – 200 kHz		Mappe	7833		
						307K			
						Ersts. af			
	5/8-71	EH	R 10 100K → 10K						
Nr.	Dato	Sign.	Ændring						

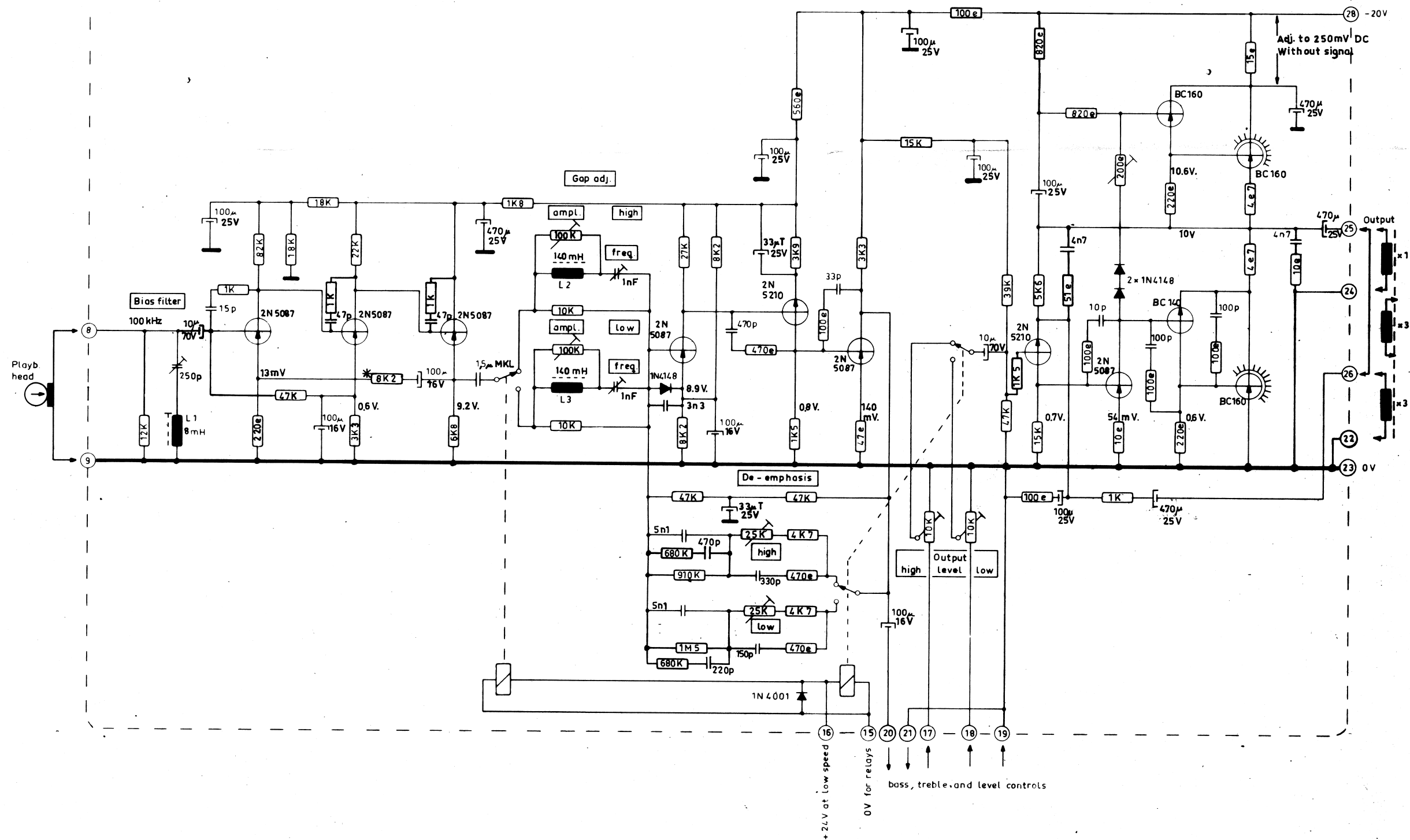




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PRINT 70-032



\* 15K in Sync. Ampl.

	Ferrit cores	Wdg	cu / em
L1	8 mH	14 x 8 N22 AL 160 with slug	220 0,18
L2	140 mH	14 x 8 N22 AL 160	220 0,07
L3	140 mH	14 x 8 N22 AL 160	220 0,07

Nr. Date Sign Ending

LYREC  
LYNGBY - DENMARK

PLAYBACK AMPL.  
7 1/2" - 15"

Malet.	Tegn.
Konf.	
Godk.	
Erst.	
Mappe	7861/14
Erst. af	



