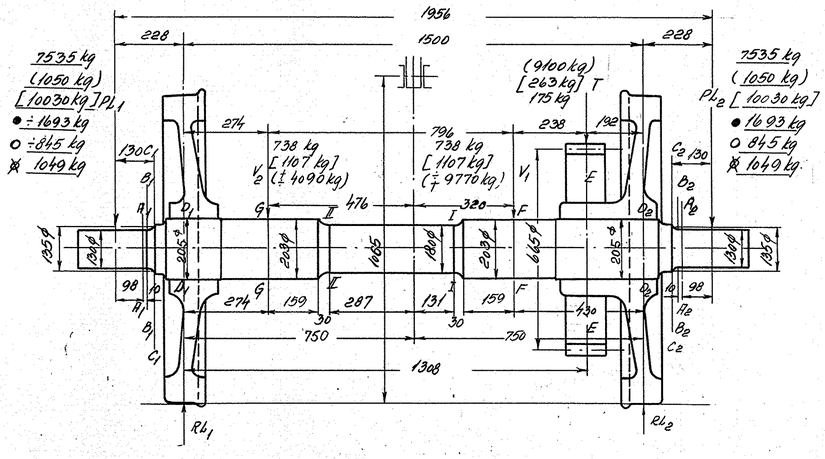
# Beregning af drivaksler 1500-2400 hk. diesel-el. lokomotiv.




Frie tal: Statiske tryk

Tali (..): Fra startestrøm

Tal i [ ]: Lodrette tryk med stød

Tal mrk. ○: Fra vindtryk.

- - ●: Fra centrifugalkraft

- - ⊗: Kraft fra bremsning.

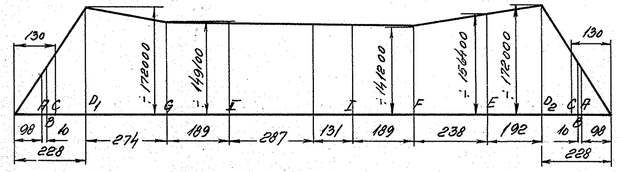
## Momentkurver.

### I Statiske kræfter.

A. Lodrette momenter.

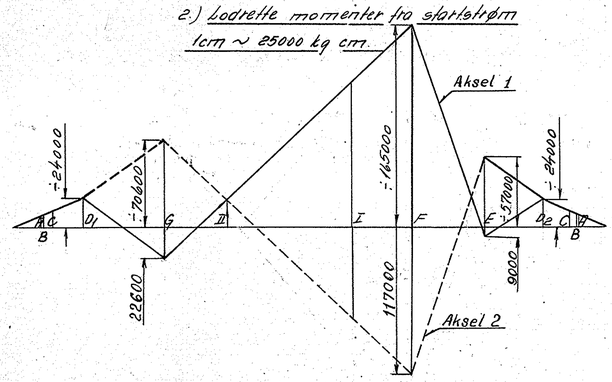
1.) Lodrette momenter fra statiske tryk.

1cm ~ 500 000 kg cm




2.) Lodrette momenter fra startestrøm

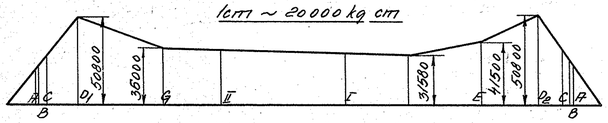
1cm ~ 25000 kg cm.




B. Vandrette momenter.

1.) Vandrette momenter fra start

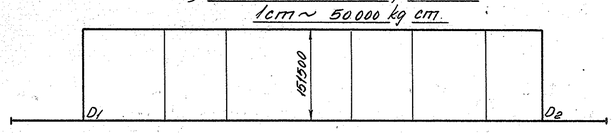
1cm ~ 20000 kg cm




C. Vridende momenter

1.) Vridende momenter fra start

1cm ~ 50 000 kg cm.

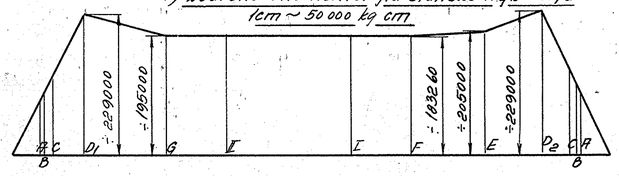



### II Statiske og dynamiske kræfter

A. Lodrette momenter

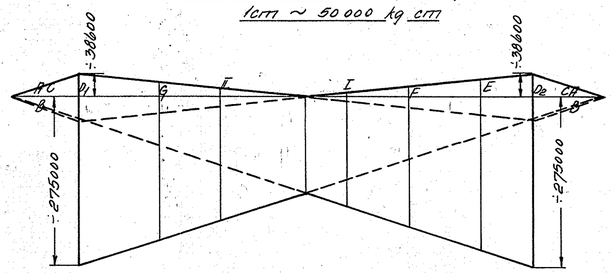
1.) Lodrette momenter fra statiske tryk + stød

1cm ~ 50 000 kg cm



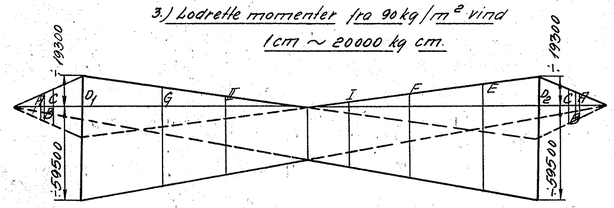

2.) Lodrette momenter fra centrifugalkræfter

1cm ~ 50 000 kg cm



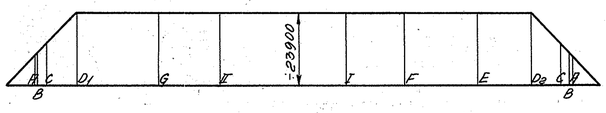

3.) Lodrette momenter fra 90 kg/m² vind

1cm ~ 20000 kg cm.




Enten 4.) Lodrette momenter fra bremsning

1cm ~ 10 000 kg cm

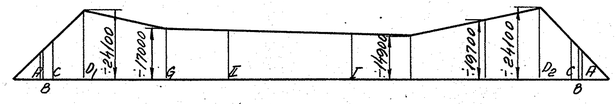



Eller 5.) Lodrette momenter fra start. Kurve som under I.A-2).

B. Vandrette momenter.

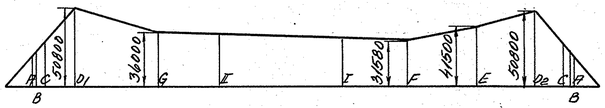
Enten 1.) Vandrette momenter fra bremsning

1cm ~ 10 000 kg cm.




Eller 2.) Vandret moment fra start

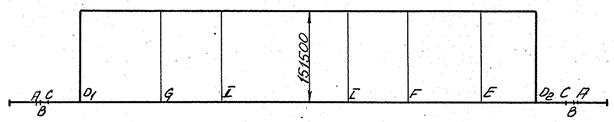
1cm ~ 20000 kg cm.

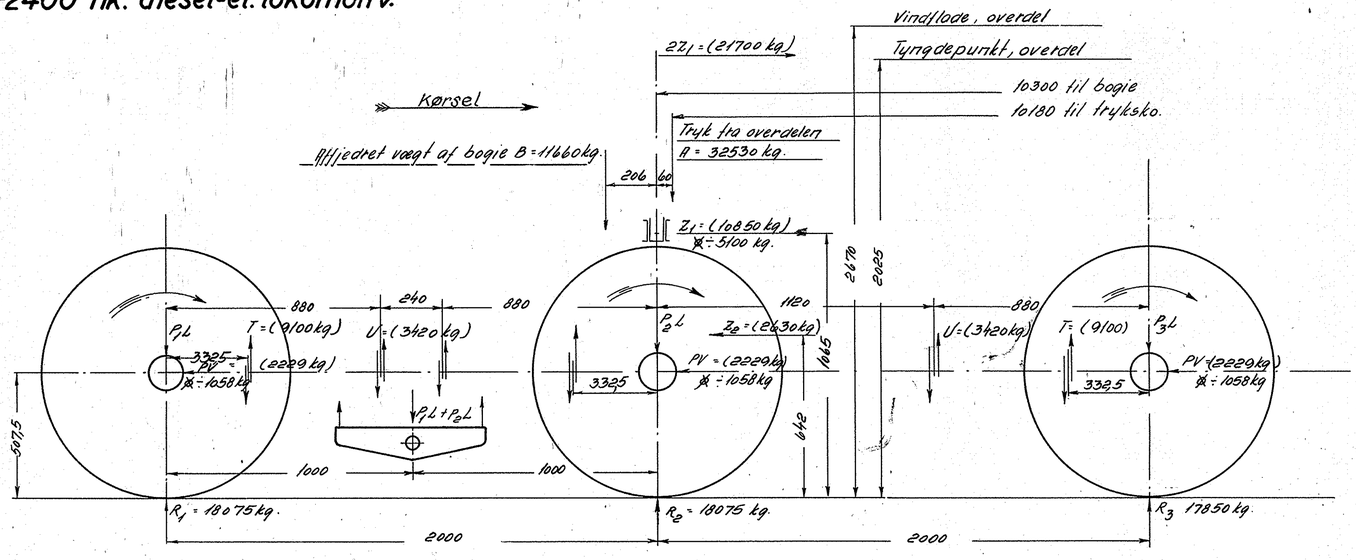



C. Vridende momenter

1.) Under start

1cm ~ 50 000 kg cm

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| Stk. | Betegnelse | | | Pos. | Materiale kvalitet | Model nr. eller materiale størrelse | rå | færdig Vægt/stk. |
| Tegn. E.H. | Rev. | | Afd. EL. | | | | | |
| Kalk. G.B. | Norm. | | Dato 15/5 - 54 | | | | | |
| Dato | Rettelse 160° til 190° | | Indeks | | | | | |
| 16/6-54 | Ændring af aksel fra 203° til 205° i nav. | | a | | | | | |

Målestok: ~

**FRICHS**

| Anvendelse | Stykliste nr. |
|---|---|
| Diesel-el. 1500-2400 hk. lokomotiv. | |
| **Tegningens benævnelse** | **Tegningens nummer** |
| Beregning af drivaksler. | 305 L - 1.113 |
| FRICHS nr. 147 | Indeks: a |