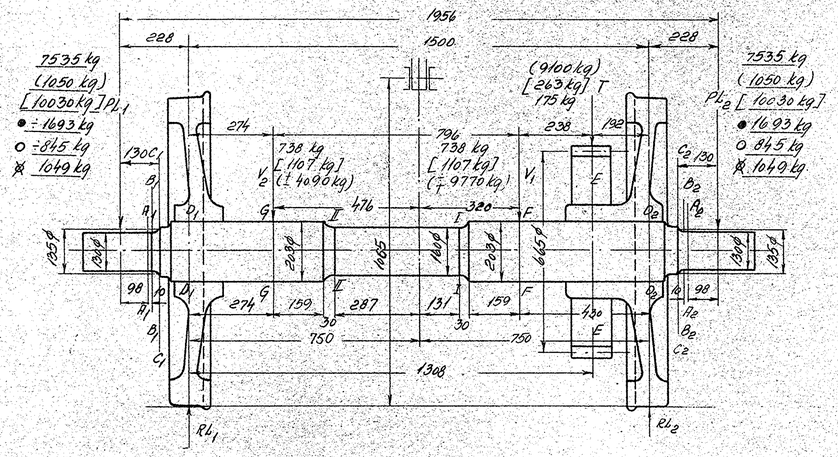
Beregning af drivaksler 1500-2400 hk. diesel-el. lokomotiv.



Frie tal: Statiske tryk

Tall (..): Fra startstrøm

Tal i [ ]: Lodrette tryk med sløjd

Tal mrk. ○: Fra vindtryk.

- - ●: Fra centrifugalkraft

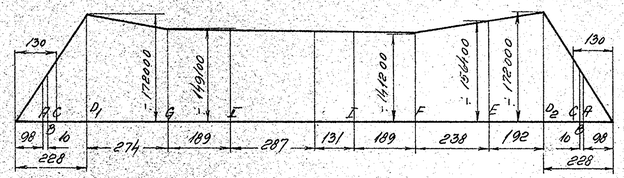
- - ⊗: Kraft fra bremsning.

I Statiske kræfter

A Lodrette momenter

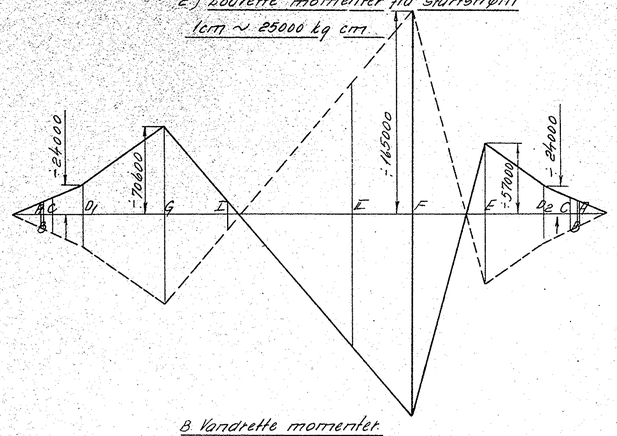
1) Lodrette momenter fra statiske tryk

1cm ~ 500 000 kg cm



2) Lodrette momenter fra startstrøm

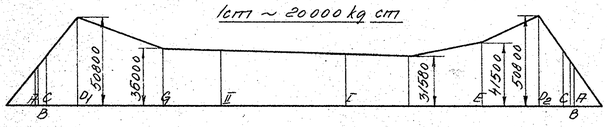
1cm ~ 25000 kg cm



B Vandrette momenter.

1) Vandrette momenter fra start

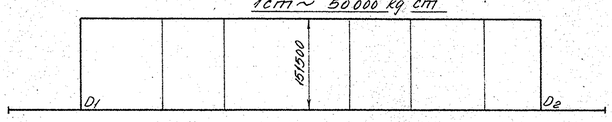
1cm ~ 20000 kg cm



C Vridende momenter

1) Vridende momenter fra start

1cm ~ 50000 kg cm



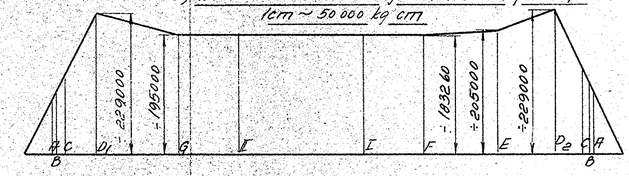
Momentkurver

II Statiske og dynamiske kræfter

A Lodrette momenter

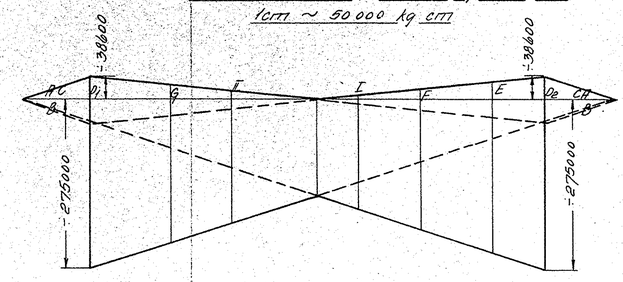
1) Lodrette momenter fra statiske tryk + sløjd

1cm ~ 50 000 kg cm



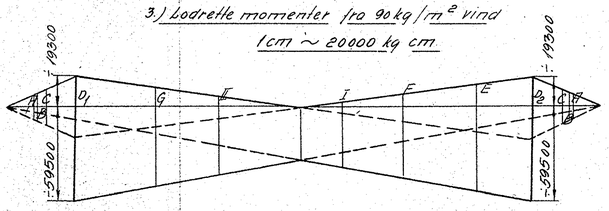
2) Lodrette momenter fra centrifugalkræfter

1cm ~ 50 000 kg cm



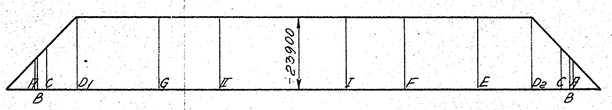
3) Lodrette momenter fra 90 kg/m² vind

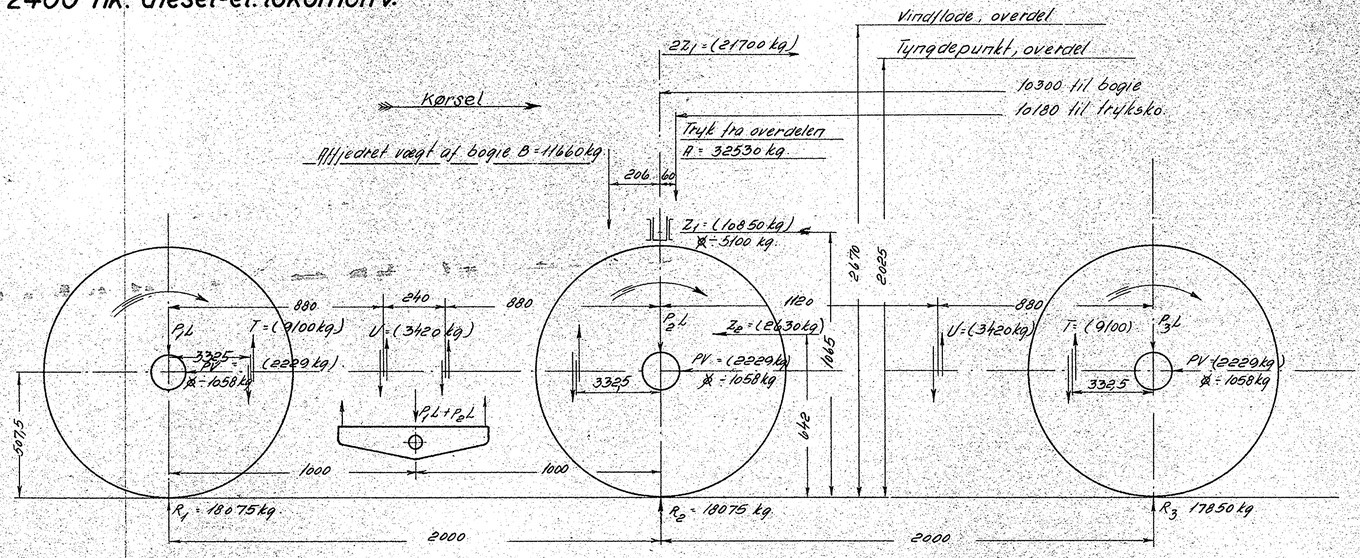
1cm ~ 20000 kg cm



Enten 4) Lodrette momenter fra bremsning

1cm ~ 10000 kg cm



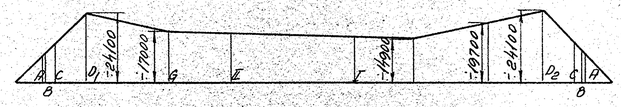


Eller 5) Lodrette momenter fra start. Kurve som under I-A-2)

B Vandrette momenter.

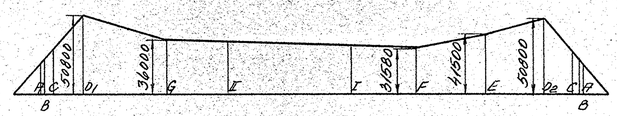
Enten 1) Vandrette momenter fra bremsning

1cm ~ 10000 kg cm.



Eller 2) Vandret moment fra start

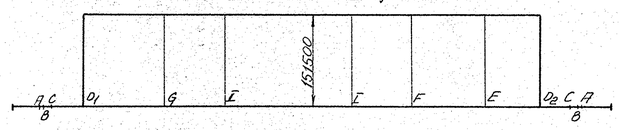
1cm ~ 20000 kg cm.



C Vridende momenter

1) Under start

1cm ~ 50 000 kg cm



Stk.	Betegnelse	Pos.	Materiale kvalitet	Model nr. eller materiale størrelse	rå / færdig Vægt/stk.
		5			
		4			
		3			
		2			
		1			

Tegn. E.H. Rev. Afd. E.L.
Kalk. G.B. Norm. Dato 15/5 - 54
Målestok: ~

Dato	Rettelse	Indeks
1/9-54	nytegn E.H.	a

FRICHS

Anvendelse: Diesel-el. 1500-2400 hk. lokomotiv.

Stykliste nr.: ORIGINAL

Tegningens benævnelse: Beregning af drivaksler.

Tegningens nummer: 305 L - 1.113

Indeks:

FRICHS nr. 147