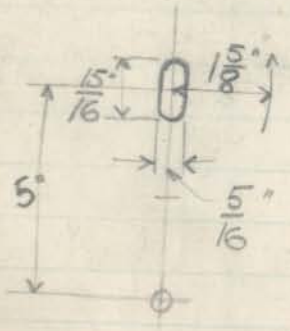
4 H. car. Ditch 4" dia brakes

Area of friction surface

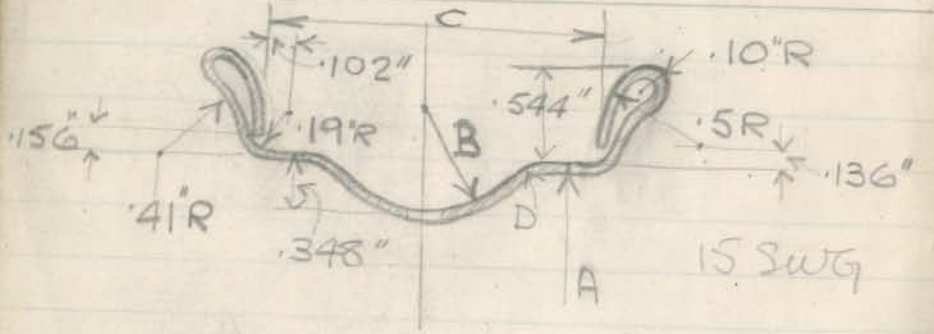
$= \frac{4 \times 3.14 \times 1"}{2} = 11 \square"$

$= 44 \square"$ per 4 wheels

(old 6" dia - 36 □")



Leverages etc (inside drum)



15 SWG

A	19·062	21·062	2½"
B	·754	·642	&
C	2·156	1·85	3"
D	·288	·24	Rims

Wts - 3×19 = 5 LBS. 9 oz. | 3×21 = 6 LBS. 2 oz

2½×19 = 5 LBS 5½ oz | 2½×21 = 5 LBS 13 ozs.

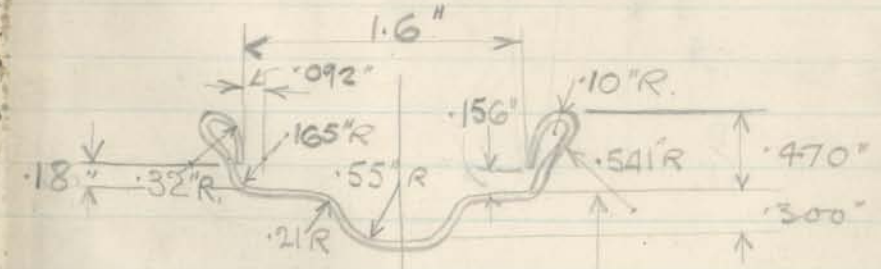
M/Cycle Std. Balloon & High Pressure Tyres & Rims etc

3 different cross sections

6 different Tyres

"A" is approx the nominal dia

A	B	C	Name
19·062"	27·53"	4·08"	4" for 3×19
19·062"	26·336"	3·66"	LP 3·5" for 3×19
19·062"	25·36"	3"	3" for 2½×19
19·062	26·4	3·35	3¼" for 2½×19
21·062	27	27·5	HP 2¾" for 2½×21
21·062	26·375	2·34	2¼" for 2¼×21



2¼ Rim 15 SWG.

Weight 5 LBS ½ oz

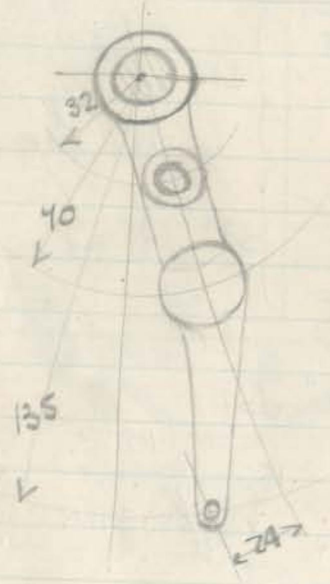
21·062" DIA.

For high pressure Tyres only.

Servo Motor C Type (110 m/m.)

Alesage 110 Course 126 (123.5 actual)

Dépression = 0.4 Kgs
Effort sur piston = 38 Kgs
Réaction = 65 Kgs.
Traction sur timonerie = 155 Kgs (160?)
Course timonerie = 30 m/m



$38 \times \frac{67}{38}$

Servo Motor Y Type (125 m/m)

Alesage 125 Course 143.5 actual

Dépression = 0.4 Kgs
Effort sur piston = 49 Kgs.
Réaction ? =
Traction sur Timonerie = 223 Kgs
Course Timonerie = 31.5

160
49
640
1440
35) 7840 (223
70
84
70
140

$\frac{143 \times 35}{160}$ = course

31.5

160) 144 (.9 × .35
144

= 31.5

$\frac{49 \times 160}{35}$ = traction

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9 H GN 90° Twin

85 x 98 = capacity 1086

3 speeds & reverse

Ratios etc

RPM.	4	5·75	10·5
500	10		
1000	20		
1500	30		
2000	40		
2500	50		
3000	60		
3500	40		

OHV m

Mean torque developed.

= 28.4

= 10.8 HP @ 2000 RPM

$$MEP = \frac{10.8 \times 792,000}{2000 \times 50.75}$$

$$MEP = \frac{BHP \times 15330}{RPM}$$

= 83 lbs per □"

Moteur T.N. 750 T.

52 × 88 (cylindrée 748 cm³)