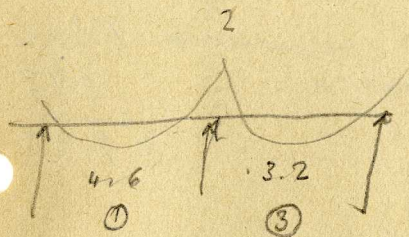


Culicita	$2 \times 500 =$	1000	K.m.l
Muro	$3 \times 0.12 \times 1400 =$	504	"
Propin	$0.30 \times 0.5 \times 2400 =$	360	"
		<hr/>	
		1864	K.m.l.



$$\textcircled{1} \quad M = \frac{1870 \times 4.6^2}{8} = 4946 \text{ Kg.m}$$

$$\sqrt{\frac{M}{b}} = \sqrt{\frac{4946}{0.25}} = \sqrt{19784} = 141$$

$$h = 0.411 \times 141 = 57.95 \text{ cm.}$$

$$F_c = 0.228 \times 141 \times 0.25 = 8.03 \text{ cm}^2 =$$

$$\underline{\underline{5 \phi 16}}$$

$$1200 \begin{cases} r = 0.411 \\ t = 0.288 \end{cases}$$

$$\textcircled{3} \quad M = \frac{1870 \times 3.2^2}{8} = 2393 \quad \sqrt{\frac{2393}{25}} = \sqrt{9572} = 98$$

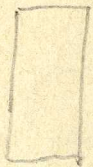
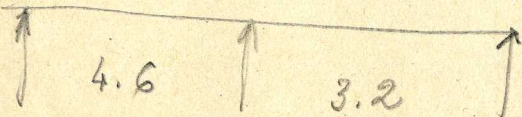
$$h = 0.411 \times 98 = 40.27 \text{ cm}$$

$$F = 0.228 \times 98 \times 0.25 = 5.58 \text{ cm}^2$$

$$\underline{\underline{3 \phi 16}}$$



3 m



25

$$1200 \begin{cases} \tau = 0.411 \\ t = 0.228 \end{cases}$$

Lubricante	25×500	1250	1250
micro	$3 \times 0.25 \times 1600$		1200
propio	$0.3 \times 0.40 \times 2400$		288
			<hr/>
			2738 kcal

$$M = \frac{2740 \times 4.6^2}{8} = 7247 \text{ Kgcm}$$

$$\sqrt{\frac{M}{I}} = \sqrt{\frac{7247}{0.25}} = \sqrt{28988} = 171$$

$$h = 0.411 \times 171 = 70.28 \text{ cm}$$

