

1

(انو) (۱۱)

(2) ورعن مي سع القبال مورت ملك بايد (دوسورت عان لله نشو)

$$\frac{1}{4} \int_{-1}^{1} \frac{R}{x_{5}} \int_{-1}^{1} \frac{(24000)^{2}}{R} = 6.5 \times 10^{3} \implies R = 1.12$$
 (4)

$$\sqrt{9-24000} \cdot 1 \cdot 1_{404} : 3 \sqrt{9} \cdot 1_{4} \cdot 6 \cdot 6 \times 10^{8} \implies 72 \times 10^{3}, 1_{4} \times 6 \cdot 6 \times 10^{8}$$

$$3 \times 24000 \cdot 1_{4} : 6.5 \times 10^{8} \implies 1_{4} \cdot 9 \cdot 1_{4} \cdot 3 \implies 72 \times 10^{3} \times 9 \times 10^{3} \cdot 6 \times 10^{8}$$

$$(2)$$

$$1.68 \times 420^{4} = 705.6^{4}$$

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$$1.58 \times 420^{4} = 705.6^{4}$$

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$$Z = \frac{(\frac{V}{\sqrt{3}})^2}{\frac{5}{3}} = \frac{\sigma^2}{5} = \frac{(11.5)^2}{25} = 5.29 \text{ A} \qquad \qquad \chi_{0.} = \frac{X_5}{2} = \frac{9.41}{5.29} = 1.78 \text{ pc}$$

$$1EI = \frac{150}{420} \times \frac{11.5^{10}}{\sqrt{3}} = \frac{4107.143^{1}}{\sqrt{1}} = \frac{2.4 \text{ m}}{\sqrt{3}}$$
 (E)

$$EI = \frac{700}{440} \times \frac{11.5^{kv}}{\sqrt{3}} = 11.07 \frac{v}{3}$$
(a)

Generated by CamScanner from intsig.com

(4)

$$E_{A} = \frac{-300}{\sqrt{3}} 2. - 4.132 j \times 120.22 / \frac{31.5}{31.5} = 19.63.59 / -23.5 = 1841 - 19.83.59$$

$$Y = Z_{A} p_{A} = \frac{2500^{2}}{1000000} \times 0.6 + 4.232 / 2.2322 / 2.2322 / 2.2322 / 2.2322 / 2.2322 / 2.2322 / 2.2322 / 2.2322 / 2.2322 / 2.2322 / 2.2322 /$$

$$W_{e} = \frac{\rho}{2} W_{p} = \frac{1}{W_{p}} = \frac{24 \cdot 60^{42} \cdot 2}{\rho} = \frac{24 \times 60^{42} \cdot 2}{10}$$

$$T_{max} = \frac{\rho_{max}}{W_{p}} = \frac{34E}{X} = \frac{\sqrt{3} \times 2300 \times 1593.85}{24 \times 4.232} = \frac{24768.48}{247 \times 4.232}$$

$$\rho_{max} = T_{max} W_{p} = 1867499.486 = \frac{1.87}{1.87} M_{waste}$$

(ج) مالله ملت ۱۱ ما) طرح :

$$E = \frac{1500}{15}$$
 $I_{L \cup S} \theta = E_{SMB} = 167.19$

. La Gel Oil Colo E. If web!

Em = 187.19 4

را من ع معوم ا فراو دائد الله الله الما من عود من

يس صابح مي توا) ١٤ ديك دمع مرام كود. (تعرباً)

$$\frac{7}{L_{10}} = \frac{\frac{6600}{\sqrt{5}}}{L_{100}} = \frac{6600}{1350} = 2.8 \text{ s.}$$

... 4 Ca do alsi

(1)
$$\gamma = \frac{f_{\text{out}}}{w_{\text{m}}} = \frac{746 \times 2000}{\frac{2\pi}{60} \times 1800} = 79100 \text{ k.N.m.}^3$$

(2)
$$\eta = \frac{\rho_{\text{out}}}{\rho_{\text{in}}^2} \implies \rho_{\text{in}} = 3 \text{ Vol I GS} \theta = \frac{3 \times 6600}{\sqrt{3}} \times 1350 \times 1 = 15430 \text{ kumba.}$$

$$\eta = \frac{746 \times 20000}{15430^{\text{K}}} \times 100 - 96.67 \%$$

(4)
$$P_{\text{notor}} = I_{\text{notor}} \times J_{\xi} \Longrightarrow P_{\text{notor}} = 120 \times 5.5 = 660 \text{ with } 3$$

$$(51 E_{A} \cdot V_{\phi} - (R_{\alpha} + dx_{S}) I_{\alpha} = \frac{6600}{\sqrt{3}} - (0.033 + 2.860) 1360 Ze^{2}$$

Fig. (1. (In (Ino (I))
$$\frac{1}{200}$$
 $\frac{1}{200}$ $\frac{1}{$