

load analysis -> Bearing sole ctton. 12:0.1T.

@ loudonalysis!

→ { M =0 => -79.4750 + 3964 cos 40 x 350 + 12 x 950=0

Fn=2174N

$$396-396 \times cos(40) - 196.1-R_{0}^{2} = 0$$

$$R_{0}^{2} = -109.45N = 109.45N (+2)$$

$$\Sigma M_{0}^{2} = 6$$

$$396 \times sin(40) \times 350 + R_{c}^{2} \times 950 = 0$$

$$R_{c}^{2} = -93.8N = 93.8N (-y)$$

$$\Sigma F_{y} = 0$$

$$396 \times sin(40) - 93.8 + R_{0}^{2} = 0$$

$$R_{0}^{3} = -160.7N = 160.7N (-y)$$

$$-R_{0} = 160.7N = 160.7N (-y)$$

$$-R_{0} = 160.7N = 160.7N = 160.7N (-y)$$

$$-R_{0} = 170.7^{2} + 169.45^{2} = 194.4N$$

$$-R_{c} = 97.8^{2} + 196.1^{2} = 217.4N$$

$$R_{0} = 90 \times 10^{2} \times 1600 \times 60 = 8640 \times 10^{6} \text{ rev}$$

$$R_{0} = \sqrt{599} = 0.995$$

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Sunday, January 22, 2023 1:53 PM 8640 C10=1.24217.44 L0.02+4.439 x (In 1/1483) < 16 = 10.2 = N -> catalog -> Bore da = 20 mm > 00 = 47mm 60=6.2KN point o: Fo=194.4N poin C: Fc = 217.4 N , (Fa) = 100 N combined loading eqn. * fa = 0.1 = 0.016 = e ~ 0.205 * For Ee > 0.1 2 0.205 > 0.46 > 0.205 So 1=2, y ~ 2.25 F==0.56 x 217.4 + 2.25 x 100 = 346.7 N <10 = 1.2 +346.7 4 \[\frac{8640}{002+(4.439) \tau (1\frac{1}{0.995}) \frac{1}{4.89}}.

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