



frequency: (f=)340 Hz = 340 s<sup>-1</sup>
Tenrim: T ? N = ? kg m s<sup>-2</sup> length Lf 0.65m mass m= 6 T. ID = 8000 kg mx 0.65 mx 3x Ds D=0.01 m= 0.0254 cm M= 8x0.65x3x2.5x2.5x103x104x104 kg = 25 × 10 5 1= 2.5 × 10 4 kg = 0.25 g 2元工=f 丁=症·mL

= 3.4×3.4 × 100×190 × 2.5×065 × 10=4

= +x2.5x0.65 = 0.5 N!

("Stress) is proportional to Strain"
Hooke's law F=-kx

Force per avea (Tensia per X-sectional avea) dimensionless distortion (stretching)