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Product Name :
Centrifugal Governor

Product Code :
LBNY-0005-1300003



Description :

Centrifugal Governors use the properties of centrifugal force to control the speed of a machine. These mechanisms are differentiated into those governors that use weights and those that use springs. Due to centrifugal force, a rotating flyweight mass has the tendency to move away from the axis of rotation and is prevented by counteracting mechanisms.

Features:

Determination of characteristic curves and setting curves of different centrifugal governors
Visualisation of the effect of centrifugal force
How various centrifugal systems work

Technical Specification :

Learning Objectives And Experiments:

1. Calculation of the structural design and adjustment of different governors
2. Recording the governor characteristic curves and setting curves
3. Adjustment of centrifugal governors
4. Kinetics and kinematics of the following centrifugal systems
Hartnell governor
Porter governor
Proell governor.



Laboratory Instrument India