

Product Name :
Belt Drive and Belt Friction

Product Code :
ENGLABINGCAG600022



Description :

Belt Drive and Belt Friction

Technical Specification :

"The belt drives are machine elements that are classed as traction mechanisms in the field of transmission or conversion elements.
The motion is transferred by traction mechanisms that can only absorb tensile forces.
Toothed belts and chains deliver positive transmission of movements.
They transfer torque and speed between guiding members such as wheels or pulleys.
Traction mechanisms such as cables, flat belts and V-belts, on the contrary, allow for non-positive transmission.

Features:

Friction of different belt types on a metal pulley
Function of a belt drive

Learning Objectives And Experiments

Comparison of flat belts and V-belts
Consequences of an unadapted V-belt groove
Effect of wrap angle, coefficient of friction and cable force."

Engineering Lab Equipment India

