

Product Name :
Kinematic Model Gear Drive

Product Code :
TN855



Description :

Kinematic Model Gear Drive

Technical Specification :

Kinematic Model: Gear Drive

A gear comprises one drive, an output and a frame. Gear drives are uniform translation gears. The rotary motion is transferred from one shaft to a second through positive transmission by gears. In spur gears, the gears are mounted on parallel axles. The drive and the output shaft are arranged in parallel. Planetary gears are a type of spur gears, in which the drive and the output shafts are on the same axle.

The unit is perform the following experiments and investigations:

Learning Objectives / Experiments:

Investigation of single-stage or multistage spur gears

Investigation of planetary gears

Determine the transmission ratio

Specification:

Investigation of single-stage or multistage spur gears

Investigation of planetary gears

Driven by hand

Determine the

Ratio by counting the revolutions of the driven gears

Base plate with storage for components

Technical Data:

Gears
Quantity: 4
Plastic
Module: 1mm
Number of teeth: 40, 60, 80 and 100
Dimensions and Weight
Length x Width x Height: 380x120x100mm
Weight: 3kg

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