

Product Name :
Kinematic Model Four-Joint Link

Product Code :
NETN915



Description :

Kinematic Model Four-Joint Link

Technical Specification :

Kinematic Model: Four-Joint Link

The unit is perform the following experiments and investigations:

Learning Objectives / Experiments:

Investigation of the mechanical relationships on the four-joint link

Investigation of the principle of the crank-rocker mechanism, double rocker mechanism and double crank

Verification of the grash of condition by varying the crank radius, oscillation radius and coupling length

Specifications:

Investigation of a four-joint link

Adjustment of the crank radius at three positions of the crank on the drive disk

Adjustment of the oscillation radius at three positions

Adjustment of the coupling length at five positions

Adjustment of the input

By turning the drive disk

Measure the output angle on the angle scale of the output disk

Technical Data:

Drive disk and output disk

Anodized aluminium

Ball-bearing mounted

Crank radius
25mm, 37,5mm, 50mm
Rocker
Aluminium, anodized black
Oscillation radius: 50mm, 100mm, 200mm
Coupling
Aluminium, anodized black
Length: 60mm, 160mm, 180mm, 200mm, 220mm
Dimensions and Weight
Length x Width x Height: 380x280x100mm
Weight: 3kg.

Naugralabequipments

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