

Product Name :
Kinematic Model Whitworth Quick Return Mechanism

Product Code :
TN744



Description :

Kinematic Model Whitworth Quick Return Mechanism

Technical Specification :

Kinematic Model: Whitworth Quick Return Mechanism

The unit is perform the following experiments and investigations:

Learning Objectives / Experiments:

Investigation of a revolving crank slider

Influence of crank length and input angle on the output stroke

Recording the transmission function of a revolving crank slider

Specification:

Investigation of a revolving crank slider

Generation and investigation of non-uniform stroke movements

Adjustment

The crank radius at three positions of the connecting rod on the crank disk

Adjustment of the angle by turning the crank disk

Measuring the stroke on the cylinder

Base plate with handles

Technical Data:

Drive disk

Anodized aluminium

Ball-bearing mounted
Crank radius
46mm
Slider radius
55mm
Driving rod
Anodized aluminium
Length: 145mm
Cylinder/driving rod/frame
Weight: 2kg

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