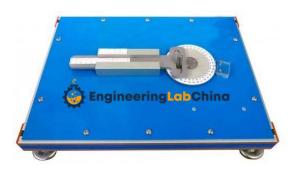


Email: sales@engineeringlabchina.com

Product Name:

Slotted Link Mechanism Apparatus

Product Code: CHINAELABC2580002



Description:

Slotted Link Mechanism Apparatus

Technical Specification:

The demonstration model is used to generate and investigate pure harmonic reciprocating motion.

An anodised aluminium disc used as crank is mounted on ball bearings on a white plate.

This disc has a pointer so that the input angle can be exactly read on the integrated angle measuring scale.

The crank pin can be set at different radii on the disc.

The slider crank is attached to the crank pin on one side.

The model is equipped with plastic feet and is placed on the laboratory table for the experiment.

Two metal handles make the unit easier to carry.

On the other side the pin is mounted in straight guide that is fitted with a ruler to allow the output stroke to be read off with precision.

Specification:

Demonstration and laboratory experiment on harmonic reciprocating motion.

Aluminium crank disc, anodised, 3 different crank radii.

Anodised slider crank with 3 different output strokes.

Integrated angle measuring scale and ruler.

Learning Objectives / Experiments:

Conversion of smooth rotary motion into a purely harmonic reciprocating motion.

Influence of crank length and input angle on the output stroke.

Technical Data:

Crank radius: 25mm, 37.5mm, 50mm Output stroke: 50mm, 75mm, 100 mm Applied Mechanics Lab Equipment, tools, products and systems for engineering lab and engineering teaching vocational education. At Engineeringlabchina get practical educational equipment for Applied Mechanics Lab Equipment schools and teaching staff. Buy wholesale China Applied Mechanics Lab Equipment Manufacturers. Engineeringlabchina high quality Technical Education Equipment products at the best price from China. Applied Mechanics Lab Equipment China, Experiment Equipment suppliers China, and factory in China



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