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Product Name :
Cam Mechanism

Product Code :
LBNY-0005-10100052



Description :

Cam mechanisms are used in many areas of technology, such as for valve control in combustion engines. The cam follower can work either as a roller tappet, cup tappet, or trailing lever. The stroke is measured using a mechanical position measurement gauge. A scaled disk indicates the associated angle of rotation. The well-structured instructional material sets out the fundamentals and provides a step-by-step guide through the experiments. The simple experimental set-up permits quick demonstration of the action principle, and can be used to demonstrate the influence of different cam shapes.

Technical Specification :

Roller tappet, cup tappet and trailing lever
4 different cams: arc/tangent/concave/asymmetric cam
Action principle of cam mechanisms
Dial gauge D=58mm
Angled scale 0...360, D=100mm
Cams and tappets easy to change, without use of tools

Technical Data:

Dial gauge for displacement
0...30mm
Graduations: 0,01mm
Angle scale
0...360
Graduations: 1

Dimensions and Weight of Cam Mechanism

l x w x h: 160x160x260mm

Weight: approx. 7kg.



Laboratory Instrument India