

Product Code . SEL-EELE-11240

Cam Analysis Apparatus



Description

Cam Analysis Apparatus

The apparatus is very useful for testing the cam performance for jump phenomenon during operation. A spring is used to provide controlling force to the follower system. Weights on the follower shaft can be adjusted as per the requirement. An arrangement is provided to regulate the speed. On this apparatus the effect of change of inertia forces on jump action of cam-follower during operation can be observed. It is useful for testing various cam & follower pairs. These are already hardened to reduce the wear. And a Dial Gauge fitted on the follower shaft is used to note the follower displacement for the angle of cam rotation. Graduated circular protractor is fitted co-axial with the shaft. Three cams and three followers will be supplied with the apparatus.




Technical Details:-

- Cam Shaft: Material Stainless Steel.
- Cams: Tangent, Eccentric, Circular Arc type.
- Followers: Roller, Knife edge, Mushroom Compression Spring.
- Provided Weights: 1 kg., 500gm, 200 gm & 100gm.

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- Motor: Variable speed, ½ HP., 0-1500 RPM with speed controller.
 - Dial Gauge: Baker & Mercer/Standard Make.

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