

Product Name :
Astra Scientific Scotch Yoke Mechanism

Product Code :
DynamicsLab0011



Description :

Astra Scientific Scotch Yoke Mechanism

Technical Specification :

The Educational Scotch Yoke Mechanism demonstrates relative motion between a crank rotation in degrees and a yoke translation in millimeters.

This unit is an example of slider-crank mechanism, for converting the linear motion of a slider into rotational motion or vice versa. The rotating motion of the crank generates the alternative linear motion of the piston. It is a reversible system.

The Scotch yoke (also known as slotted link mechanism) is a reciprocating motion mechanism, converting the linear motion of a slider into rotational motion, or vice versa. The piston or other reciprocating part is directly coupled to a sliding yoke with a slot that engages a pin on the rotating part.

FEATURES:

- Operated: Manually (Through a Crank Handle)
- Equipment Layout: On Base

- Fine finish
- Simple operations
- Functional accuracy

SPECIFICATION:

- The properly constructed model is hand Operated,
- Sturdiness
- Corrosion-resistance
- Enhanced durability



Astra Scientific

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