

Product Name :
Scotch Yoko Mechanism

Product Code :
Dynamics0014



Description :

Scotch Yoko Mechanism

Technical Specification :

The Educational Scotch Yoko 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.

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.

It is a reversible system.

FEATURES:

Operated: Manually (Through a Crank Handle)

Equipment Layout: On Base

Fine finish

Functional accuracy

Simple operations

SPECIFICATION:

The properly constructed model is hand Operated

Sturdiness

Corrosion-resistance

Enhanced durability

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