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Product Name :
Gear Train Demonstrator

Product Code :
LBNY-0005-1400024



Description :

A bench top frame of profiled aluminium, houses shafts which can be moved within the grooves of the profile. Understanding the basics of gear trains is important. Gear Train Demonstrator ensures this is done in a simple, visual and durable way. The profile grooves ensure the quick and easy release and securing of the shaft and hence component parts. The Gear Train Demonstrator are manufactured from durable plastic and all other components are industrial standard parts. Onto the shafts sit bearings and the gear components themselves. Rotation of the gear arrangements is done manually. The pitch circle diameters of the gears are visually shown also.

Experimental Capabilities:

Variation of operation between different transmissions
Efficiency of different transmission types
Accuracy of setting up of different gears
Gear ratios
Input and output ratios
Modulus of gears.

Technical Specification :

Durable plastic gears and pulleys
Number of teeth: 15, 16 and 20
Pitch circle diameters: 300, 320 and 400mm
Tooth Modulus: 20
Aluminium profiled base

Round section belt.



Laboratory Instrument India