



Features

- Impressive demonstration of the relationship between the number of gear teeth and the transmission ratio of gear trains

Tesca Motorized Gears Train conveys the relationship between the number of gear teeth on spur gears and the transmission ratio of gear trains. The unit consists of a metal base plate with a fixed axle and a rail made of steel. Two further axles can be clamped to the rail in any position. In this way it is possible to construct one and two stage gear trains with any combination of gears. By undoing a locking pin, the rail can be swiveled around the fixed axis providing a demonstration of planet gear trains. Drive pins couple the gears. Four metal gears are included with the unit. The motorized shaft enables rotation in clockwise or anti-clockwise direction.

Specifications

- Bench top experiment on the relationship between the number of gear teeth and the transmission ratio of gear trains
- Spur gear trains 1 and 2 stage, planet gear trains
- Metal gears

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tescaglobal.com

- Base plate and carrier rail made of metal
- Plastic box for storing parts
- l_xw_xh 375x120x100mm

Technical Specifications

- Metal gears
 - Modulus: 1mm
 - Number of teeth: 40, 60, 80, 100

Experiments

- Spur gear train with intermediate gear
- Two-stage spur gear train
- Planet gear train