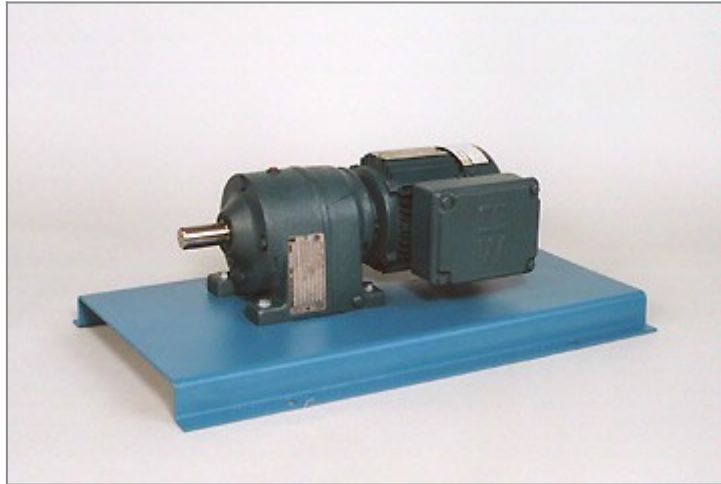


In-Line Helical Gear Reducer Dissectible



Model: 205-130

Gear reducers, also known as gear boxes, gear drives, or speed reducers, are enclosed mechanical devices that use gears to lower the speed and raise the torque of an electric motor. There are a wide variety of different types of gear reducers for specific applications.

Inline helical gear reducers have a unique set of benefits. They're useful in higher horsepower applications where long-term efficiency is more important than initial costs, which can be higher for this type of gear reducer (although inline reducers are less expensive than parallel shaft reducers). In addition to being highly efficient, inline helical gear reducers are capable of handling higher overhung loads.

Many different industries use inline helical gear reducers, including: chemicals, pharmaceuticals, packaging, food processing, plastic, paper, rubber, steel, mining, and power plants. Specific applications include: conveyors, agitators, crushers, elevators, cranes, mixers, kneaders, thickeners, aerators, plastic extruders, coal pulverizing mills, and larger ball mills.

DAC Worldwide's In-Line Helical Gear Reducer Dissectible (205-130) is one of an extensive series of actual industrial gear reducer dissectibles for use in hands-on mechanical drives training in either the classroom or the laboratory.

Each dissectible consists of a real piece of industrial equipment that has been cleaned, restored, repainted, and mounted on a modular, heavy-gauge, formed-steel baseplate. It can also be mounted on a compatible DAC Worldwide bench, workstation, or storage product.

All primary functional features are retained, and replacement hardware is provided where necessary. The dissectible provides learners with realistic, hands-on experience with the detailed disassembly, inspection, and assembly of an inline helical gear reducer commonly encountered in industry.

Industry-Standard Components Provide Realistic, Hands-On Training

Technical training is most effective when learners can gain hands-on practice with industry-standard components they'll encounter on the job. The In-Line Helical Gear Reducer Dissectible features a carefully-restored, sectioned, industrial inline helical gear reducer to provide learners with a realistic training experience that will build skills that

translate easily to the workplace.

The In-Line Helical Gear Reducer Dissectible is a sturdy unit mounted on a 7-gauge, formed-steel baseplate with provision for bench-top, workstation, or storage rack mounting. Where necessary, it has been painted with a highly-durable urethane coating. An applicable installation and maintenance manual from the original manufacturer is also included with each dissectible.

Expand Training Capabilities with Custom Options

The In-Line Helical Gear Reducer Dissectible can be customized with available options to create a training system that matches a particular industry's or user's specific needs. For example, available options for this dissectible include: an IPT Industrial Trades Manual or Handbook and an Electromechanical Workstation.

FEATURES & SPECIFICATIONS

- 7-gauge, formed-steel baseplate with provision for bench-top, workstation, and storage rack mounting.
- Restoration of actual industrial gear reducers.
- Painting, where necessary, using a high-durability, urethane coating.
- Replacement hardware where necessary.
- Applicable installation and maintenance manual from original manufacturer.
- Crating for shipment via common carrier.

PRODUCT DIMENSIONS

- **Product Dimensions**
(L x W x H)
Approx. 24in. x 13in. x 14in. (600 x 330 x 360 mm)
Varies, 45-150 lbs. (20-70kg)
- **Shipping Dimensions**
Varies, 70-175 lbs. (32 - 80 kg)

DISCLAIMER: Product Dimensions are approximate. Shipping Dimensions and Weights are for directional use only and may change based on manufacturer variables. For the most accurate Shipping Dimensions and Weights, please contact the manufacturer.

OPTIONS

- Recommended #902F – Electromechanical Workstation
- #510-000 - Industrial Trades Manual (IPT)
- #510-001 - Industrial Trades Handbook (IPT)

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