Parallel-Shaft Helical Gear Reducer Dissectible



Model: 205-140

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.

Parallel-shaft helical gear reducers have a unique set of benefits. On helical gears, the tooth traces are slanted. Compared to spur gears, helical gears are stronger and produce less noise because of higher meshing ratios.

Many different industries use parallel-shaft helical gear reducers. Specific applications include: power transmission, steel facilities, ships, cranes, elevators, and conveyors.

DAC Worldwide's Parallel-Shaft Helical Gear Reducer Dissectible (205-140) 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 a parallel-shaft 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 dissectible features a carefully-restored, sectioned, industrial parallel-shaft helical gear reducer to provide learners with a realistic training experience that will build skills that translate easily to the workplace.

The Parallel-Shaft 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 Parallel-Shaft 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 Training 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, 45-150lbs. (20-70kg)
- **Shipping Dimensions**
  Varies, 70-175 lbs. (32 - 80 kg)

OPTIONS

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

Address

DAC Worldwide
3 Killdeer Court, Suite #301
Swedesboro, NJ 08085

Contacts

email: contact@dacworldwide.com
phone: (800) 662 5877