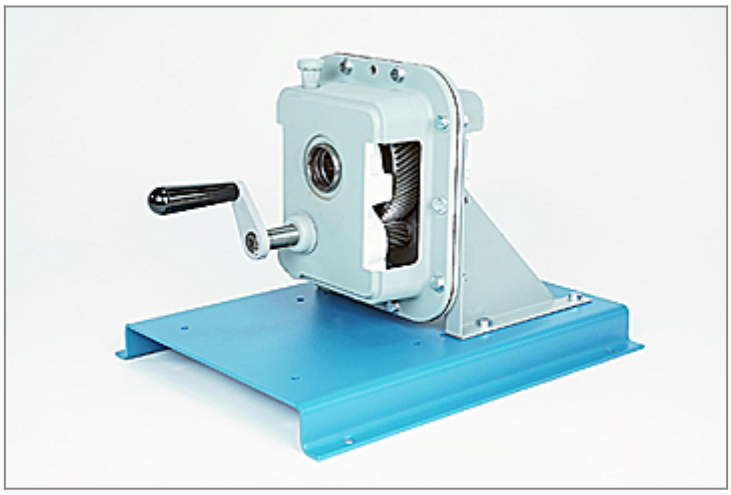
Shaft-Mounted, Hollow-Shaft Helical Gear Reducer Cutaway



Model: 205-260

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.

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

Shaft mount reducers with a hollow output are mounted directly on the input shaft of the driven machine. Supported by the shaft and torque arm arrangement or motor mount frame, the need for additional components to transmit torque from the reducer to the equipment is eliminated. They're used primarily for conveyors in many different types of industries, such as aggregate, baggage handling, grain, and wastewater treatment.

DAC Worldwide’s Shaft Mounted, Hollow-Shaft Helical Gear Reducer Cutaway (205-260) is one of an extensive series of actual industrial gear reducer cutaways for use in hands-on mechanical drives training in either the classroom or the laboratory.

Each cutaway 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.

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 cutaway features a carefully-restored, sectioned, industrial shaft mounted, hollow-shaft helical gear reducer to provide learners with a realistic training experience that will build skills that translate easily to the workplace.

The Shaft-Mounted, Hollow-Shaft Helical Gear Reducer Cutaway 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 cutaway.

Expand Training Capabilities with Custom Options

The Shaft-Mounted, Hollow-Shaft Helical Gear Reducer Cutaway 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 cutaway 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 motor freight.

PRODUCT DIMENSIONS

- **Product Dimensions**
  (L x W x H)
  13.5" x 18" x 16" (345 x 460 x 405 mm)
  24 lbs (11 kg)
- **Shipping Dimensions**
  (L x W x H)
  15" x 28" x 24" (380 x 710 x 610 mm)
  44 lbs (20 kg)

OPTIONS

- Recommended #902 – Electromechanical Workstation
- #510-000 - IPT Industrial Trades Training Manual
- #510-001 - IPT Industrial Trades Handbook
- #903 - Extended Electromechanical Workstation

Address

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