

Permanent Magnet DC Motor Cutaway



Model: 273-940

DAC Worldwide's Permanent Magnet DC Motor Cutaway (273-940) is one of a series of related sectioned industrial motors. This DC permanent magnet motor cutaway supports industrial training activities related to electric motor types, as well as repair and troubleshooting. A fractional horsepower, industrial-duty motor is modified for training purposes.

DC permanent magnet motors are encountered in many industrial applications and are commonly the motive force in applications requiring high torque at a range of operating speeds. Common applications include battery-driven devices, power tools, conveyors, and more.

A full-length shell and magnet cutaway unveils the complete internal configuration of the motor, while showcasing key features like the field poles, field windings, armature, commutator, contacts/brushes, wiring connections, and rotor design.

The cutaway includes a formed-steel mounting baseplate, allowing for stand-alone display, bench-top mounting, or mounting on specialized DAC Worldwide mounting benches and storage and support structures.

FEATURES & SPECIFICATIONS

Important Product Note: Photographs are representative and for reference only. Product appearance and dimensions may vary based upon component manufacturer and availability. Any product dimensions given, such as size and weight, are approximate and for directional use only. For the most accurate shipping dimensions and weights, please contact the manufacturer.

- Sectioning of an actual industrial electrical component (popular motor brands and models are chosen for industrial relevance, including selections from Leeson, Dayton, GE, Baldor, Marathon, WEG, Siemens, Leeson, and others).
- Careful sectioning of full length of the device.
- 13-gauge, formed-steel, powder-coated mounting baseplate.
- Provision for mounting on related DAC Worldwide bench, workstation, and storage products.

- Packaging for shipment via parcel service or courier.

PRODUCT DIMENSIONS **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.*

- **Product Dimensions**

(LxWxH)

9" x 9" x 10"(230 x 230 x 250 mm)

- **Shipping Dimensions**

(LxWxH)

12" x 12" x 12"(305 x 305 x 305 mm)

OPTIONS

- #560-000 - Electrical Trades Training Manual (IPT)
- #560-001 - Electrical Trades Handbook (IPT)
- #902V - Mobile Display Stand
- #920F - Display/Support Assembly

Address

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Contacts

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