

Self-Priming, Belt-Drive Centrifugal Pump Cutaway



Model: 278-112

DAC Worldwide's Self-Priming, Belt-Drive Centrifugal Pump Cutaway (278-112) depicts a sectioned industrial pedestal-type, self-priming centrifugal pump that supports convenient and meaningful classroom training in the operating principles, construction details, and maintenance of common self-priming centrifugal process pumps used in industry and commercially.

Selected and assembled to support introductory process operations and maintenance training programs, this real-world solution provides the same utility found in equipment used on-the-job. The full-size, fully-detailed example of an actual real-world centrifugal pump gives learners a first-hand view into a component that is found in various applications worldwide.

All of the pump's components have been retained, allowing for convenient classroom training in the operation, construction, and maintenance of these common pieces of process equipment.

Cutaways Enhance Training with Hands-On Industrial Components

The Self-Priming, Belt-Drive Centrifugal Pump Cutaway provides a realistic training introduction to industrial centrifugal pump components. The pump's components are industrial-grade made by leading manufacturers, mimicking what students might encounter on-the-job for industrial relevancy.

Carefully-planned cutaway areas and color-coding combine to showcase the internal configuration of the pump. Seal features, hardware locations, and bearings have all been retained, allowing for use simulated basic maintenance-related training activities. This realistic teaching aid will make courses in pump maintenance and process operations more productive, realistic, and memorable.

Additionally, the equipment used within the trainer is cleaned, primed and painted using a high-endurance urethane coating, providing durability to stand up to frequent use.

Expand Training with Additional Pump and Compressor Model Options

The Self-Priming, Belt-Drive Centrifugal Pump Cutaway is only one of DAC Worldwide's expansive pump and compressor cutaway devices, which also include the Centrifugal Pump Cutaway (278-101), the Positive Displacement Pump Cutaway (278-105C), the Single-Stage Side Channel Pump Cutaway (278-115), and many more!

Optional Textbook Available For Additional Training

A copy of this course's Textbook is an available option with the training system. The textbook, called *Audel's Pumps and Hydraulics*, presents clear objectives and performance standards for learners. If you would like to inquire about purchasing Textbooks for your program, please contact your local DAC Worldwide Representative for more information.

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 centrifugal pump. (*Industrial-duty pumps by leading manufacturers are chosen for industrial relevancy*)
- Cleaning, priming, and painting using a high-durability urethane coating
- Color-coding of cutaway surfaces, impeller, and exterior surfaces using contrasting colors
- Replacement, plated hardware, where necessary

- All gaskets, seals, bearings, and mechanical seal visible
- 7-Gauge formed-steel, powder-coated baseplate with provision for tabletop mounting and mounting on related workstation and storage products
- Crating for shipment via motor freight, or 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**

(L x W x H)

12" x 13.5" x 11" (305 x 343 x 280 mm)

- **Shipping Dimensions**

(L x W x H)

15" x 28" x 24" (381 x 710 x 610 mm)

OPTIONS

- Recommended #903F Electromechanical Workstation (Extended)
- #532-022 - Operator's Guide to Centrifugal Pumps
- #901 - Machine Stand/Storage Bench
- #902 - Electromechanical Workstation
- #902V - Mobile Display Stand

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