Hydraulic Diaphragm Metering Pump Cutaway, Lost Motion Adjustment Type

Model: 278-170

DAC Worldwide's Hydraulic Diaphragm Metering Pump Cutaway, Lost Motion Adjustment Type (278-170) depicts a sectioned positive-displacement pump, which allows for realistic classroom or lab training in the operation, construction, and maintenance of common metering or in controlled volume pumps used in various sectors across the world.

Selected and assembled to support introductory process operations and maintenance training programs, this real-world learning solution provides the same utility found in equipment used on-the-job. The full-size, fully-detailed example of an actual real-world metering 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 a thorough, one-of-a-kind training experience using these common pieces of process equipment.

DAC Worldwide's Cutaways Enhance Training with Hands-On Industrial Components

The Hydraulic Diaphragm Metering Pump Cutaway, Lost Motion Adjustment Type provides a realistic training introduction to horizontal diaphragm metering pump components. The pump's components are industrial-grade made by leading manufacturers, mimicking what students might encounter on-the-job for industrial relevancy.

A variety of carefully-planned cut way areas and color-coding combine to showcase the internal configuration of the pump. A hand crank is provided allowing for observation of the pump's method of converting rotary motion to reciprocating motion, as well as the lost-motion mechanism used for stroke adjustment.

This specialty turbine pump cutaway will enhance both general and plant-specific operations and maintenance training programs. 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 Hydraulic Diaphragm Metering Pump Cutaway, Lost Motion Adjustment Type is only one of DAC Worldwide's expansive pump cutaway devices, which also include the Vertical Submersible Pump Cutaway (278-120), the Magnetic Drive Centrifugal Pump Cutaway (278-150), the Multi-Stage Centrifugal Pump Cutaway (278-160D), and many more!

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 reciprocating pump. Pumps by Pulsa and others are chosen for industrial relevance.

- Multiple sectioned areas are provided, allowing for viewing of all internal components, and mechanisms

- Handwheel, allowing for observation of rotary/reciprocating motion

- Cleaning, priming, and painting using a high-durability urethane coating

- Color-coding of cutaway surfaces, seal elements, internal mechanical components, and interior surfaces using contrasting colors

- Replacement plated hardware, where needed

- All gaskets, seals, and bearings visible

- 7-Gauge formed-steel, powder-coated baseplate

- Packaging for shipment via motor freight

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)
  13.5in x 24in x 15in (343 x 609 x 381 mm)

- **Shipping Dimensions**
  (L x W x H)
  15in x 28in x 24in (381 x 711 x 609 mm)

OPTIONS

- Recommended #902F - Electromechanical Workstation

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