

Bladder Accumulator Cutaway



Model: 773-195

DAC Worldwide's Bladder Accumulator Cutaway (773-195) is a professionally-crafted hydraulic accumulator cutaway that supports training in the application, design details, and operating principles of hydraulic accumulators commonly found with hydraulic systems. These hydro-pneumatic units act as energy storage devices, and can perform many functions, including compensating for leakage and thermal expansion, elimination of system pulsations hydraulic shock and vibration, as well as aiding in noise reduction and improved response times.

A heavy-service, bladder-type accumulator offered by well-known US manufacturers is chosen for use. Multiple cutaways unveil all internal components including bladder and inlet/outlet connections. The training aid also enhances classroom training in hydraulic system design, maintenance, troubleshooting, and preventive/predictive maintenance. The full-size, fully-detailed example gives learners a first-hand view into a component that is found in various applications worldwide.

Thanks to carefully planned sectioning, the complete internal configuration of this accumulator can be seen, while allowing for disassembly for more complete inspection and convenient classroom training in the operation, construction, and maintenance of these common pieces of hydraulic equipment. This professionally-crafted, yet-economical component sample will enhance fluid power training activities in both the industrial and the educational setting.

Enhance Training with Hands-On Cutaway Industrial Components

This Double-Acting Hydraulic Cylinder Cutaway provides a full cutaway view of the hydraulic accumulator body that exposes the complete internal components, flow path, and operating principles. Economically mounted on a formed-steel and powder-coated baseplate assembly, the product can be mounted on a variety of related optional display, storage and workstation products. This handcrafted teaching aid will support instructor-led training and independent student self-discovery in a variety of vocational and academic fluid power programs.

The cutaway features carefully-planned cutaway areas that are individually mounted, and possess the ability to be removed from the baseplate for convenient classroom use. All of the cutaway's components are also visible and have been retained, enhancing students' visual learning. Replacement hardware is provided where appropriate.

The equipment used within the cutaway is cleaned, primed and painted using a high-endurance urethane coating, providing durability to stand up to frequent use. In addition, all of the component parts are color coded to enhance the learning process.

Expand Training with Additional Hydraulic Model Options

The Bladder Accumulator Cutaway is only one of DAC Worldwide's expansive hydraulic training cutaways, including a Hydraulic Pressure Gauge Cutaway (773-050), a Hydraulic Filter Cutaway (773-055), a Double-Acting Hydraulic Cylinder Cutaway (773-110), and more!

FEATURES & SPECIFICATIONS

- Sample component selected for industrial relevancy from well-known US manufacturers
- Multiple component cutaways unveiling flow path, internal components, and operating principle
- Powder-coated 13-gauge formed-steel mounting baseplate, allowing for independent support/display or mounting on specialized optional steel mounting baseplates and display structures
- Refinishing of external surfaces, if required, using a high-durability urethane coating
- Provision for mounting on related optional display and storage structures
- Packaging for shipment via parcel service or mail service

PRODUCT DIMENSIONS

- **Product Dimensions**
(L x W x H)
8.5" x 10" x 15" (215x 255 x 380 mm)
13 lbs. (5.9 kg)
- **Shipping Dimensions**
(L x W x H)
12" x 12" x 18" (305 x 305 x 460 mm)
15 lbs. (6.8 kg)

OPTIONS

- Recommended #902V Mobile Display Stand

- #920 - Display/Support Assembly
- #534-000 - IPT Industrial Hydraulics Manual
- #534-001 - IPT Industrial Hydraulics Handbook

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