

# Valve Cutaway Short Set



Model: 270DS

DAC Worldwide's Valve Cutaway Short Set (270DS) is a four-piece assortment of re-manufactured and cutaway industrial valves, allowing for classroom training in the operation, construction, and maintenance of common valves used in industry. The fully-detailed examples of industrial valve cutaways give learners a first-hand view into a component that is found in various maintenance applications worldwide.

This basic mechanical valve cutaway includes a total of four valves, each of which includes carefully-planned sectioning and color-coding, allowing the complete internal configuration of each valve to be exposed and showcased. Seats and closure devices are color-coded, while seal features and primary hardware locations are retained, allowing for hands-on learning.

The short set includes four of the most common valve types found in industry and within commercial applications: a Globe Valve, a Swing Check Valve, a Ball Valve, and a Steel Gate Valve.

## **Enhance Training with Hands-On Cutaway Industrial Components**

This Valve Cutaway Short Set provides a realistic training introduction to industrial valve components, which will make introductory courses in valve maintenance and operation more productive, realistic, and memorable for learners. The Valve Cutaway Short Set components are industrial-grade, mimicking what students might encounter on-the-job.

Each brass, bronze, or steel valve in the set features carefully-planned cutaway areas, allowing the complete internal configuration of the valve to be exposed and showcased. Each valve is individually mounted, and possess the ability to be removed from the baseplate for convenient classroom use. All of the cutaway's gaskets, seals, and seats are also visible, enhancing students' visual learning. Additionally, the seal features and hardware locations have been retained, allowing use for hands-on training in maintenance.

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.

Overall, the Valves Assortment Cutaway Downsized carries a total size of 9"W x 9"H x 19"L and weighs 19 pounds.

## Expand Training with Additional Mechanical Model Options

The Downsized Valve Cutaway Set is only one of DAC Worldwide's expansive mechanical training cutaways, including the Dissectible Valve Assortment Cutaway ([270K](#)), the Downsized Valve Cutaway Assortment ([270D](#)), the Dissectible Control Valve - Diaphragm-Type Cutaway ([255KE](#)), and more!

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### **FEATURES & SPECIFICATIONS**

- Sectioning of actual industrial hardware (common valve makes and models chosen)
- Cleaning, priming, and painting, when necessary, using a high-durability urethane coating
- Includes brass or bronze globe, swing check, ball valves and a steel gate valve
- Informational key chart showing name and common symbols for each valve type, using P&ID and piping drawing symbols
- Replacement plated hardware throughout, when required
- All gaskets, seals, and seats shown
- Two (2) welded support frames fabricated from 14-Gauge, 1-1/2" square steel tubing
- 13-Gauge formed-steel mounting support stand with provision for tabletop mounting
- Provision for mounting on related bench, workstation, and storage rack products
- Packaging for shipment via parcel service

### **Includes:**

- Globe Valve
- Swing Check Valve
- Ball Valve
- Steel Gate Valve

### **PRODUCT DIMENSIONS**

- **Product Dimensions**  
Product Dimensions Vary: (L x W x H)  
9 in. x 9 in. x 19 in. (230 x 230 x 480 mm)  
19 lbs. (9 kg)
- **Shipping Dimensions**  
23 lbs. (11kg)

### **OPTIONS**

- #530-000 - IPT Pipe Trades Training Manual
- #530-001 - IPT Pipe Trades Handbook
- #902 - Mobile Display Stand

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