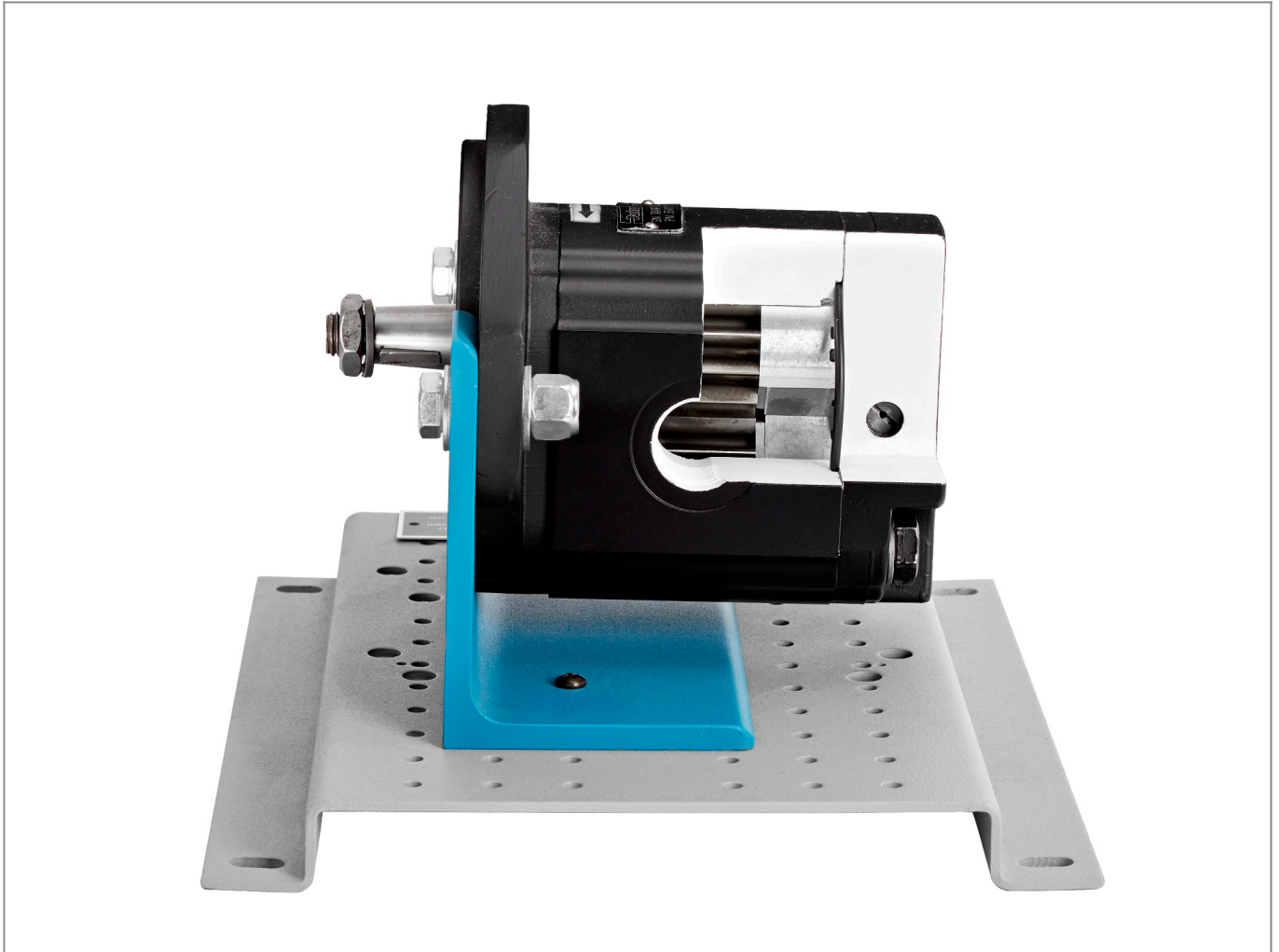


# Hydraulic Gear Pump Cutaway, External-Type



Model: 778-110

DAC Worldwide's Hydraulic Gear Pump Cutaway, External-Type (778-110) is an industrial hydraulic gear pump that has been sectioned to reveal the inner-workings of this component. This exposure allows learners to understand the design, operation, construction, and maintenance of this common process pump used throughout industry. To expose learners to what they'll encounter in the field, DAC Worldwide uses commonly-used pump types manufactured by an industry leader.

Gear pumps are highly reliable and some of the most popular solutions for hydraulic fluid power applications that require fixed fluid displacement. Common components of external hydraulic gear pumps include drive and driven spur gears, bushings, flange, rotary shaft seal, compensation seals, and anti-extrusion seals.

These versatile components are used in industries like petrochemical, chemical, and food. Common industrial processes that utilize gear pumps are pumping high-viscosity fluids like oils, paints, coolants, syrups, and lard. They can also be used to supply fuel oil, gasoline, kerosene, and diesel oil.

The cutaway is cleaned, primed, and painted using a high-durability polyurethane coating. It comes on a 7-gauge, formed-steel baseplate with provision for tabletop mounting or mounting on an optional DAC Worldwide Electromechanical Workstation.

## **FEATURES & SPECIFICATIONS**

- Component selected for industrial relevancy from well-known manufacturers
- Full component cutaway unveiling flow path, internal components, and operating principle
- Powder-coated 13-gauge formed-steel mounting bracket allowing for independent support/display or mounting on specialized optional steel mounting baseplates and display structures
- Refinishing of external surfaces, if warranted, using a high-durability urethane coating
- Durable membrane-type, adhesive-backed identification label with component description and symbol
- Provision for mounting on related optional, display, and storage structures

## **PRODUCT DIMENSIONS**

- **Product Dimensions**  
(L x W x H)  
9" x 9" x 9" (230 x 230 x 230 mm)  
6 lbs. (2.7 kg)
- **Shipping Dimensions**  
(L x W x H)  
12" x 12" x 12" (305 x 305 x 305 mm)  
7 lbs. (3.2 kg)

## **OPTIONS** Recommended 902V Mobile Display Stand

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