

CUTAWAY MOBILE DIRECTIONAL CONTROL VALVE w/LOAD-SENSING

DESCRIPTION

It is sometimes difficult for instructors to explain how complex mechanisms, like hydraulic components, work with the aid of photographs and illustrations alone. Based on the ideology of “what I touch I understand,” a cutaway of a component tells its own story about what it consists of and how it works.

Many students will admit that they are “hands-on” learners; they are better at figuring out how components work when the component is in their hands than they are if it is explained with only photographs and illustrations.

FPTI™ prides itself in making cutaway models of the identical components that are on the training simulators. This concept gives students the opportunity to look inside an exact replica of the pump they are studying. They can see exactly what happens inside it when they manipulate adjusting screws or handles.

There is no substitute for a 3-dimensional object when it comes to learning - especially load-sensing. The exceptional MDCV-LS-CM cutaway model shows:

1. The intricate signal network’s flow passages within the valve.
2. How the signal network interacts with the valve’s work ports, and adjacent sectional valves.

This valve is representative of most load-sense configured mobile directional control valves.

Let us customize a cutaway model for you!

With our in-house design and machining capability, we can customize a cutaway just for you. Send us the model number of the component and we will do the rest.